

Annual Report

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Former Cherry Street Cleaners

2510 East Cherry Street

Seattle, WA 98122

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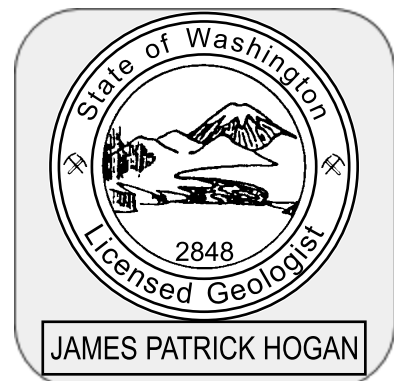




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Executive Summary

This *Annual Report* summarizes the dry cleaning operation history at 2510 E. Cherry Street ("Facility"), provides a summary of the reports submitted to the Washington Department of Ecology ("ECY") since submittal of the 2014 *Remedial Investigation* report (ECC 2014), and documents soil and groundwater assessment and remediation activities.

Emulsified Oil Substrate ("EOS") that was injected into the subsurface in July 2010 effectively sequestered tetrachloroethylene ("PCE") and reduced the groundwater PCE concentrations. However, during subsequent gauging events, excess EOS was detected in monitoring wells floating on the water table. Out of concern that the sequestered PCE may release back into the groundwater, a vacuum truck has been used periodically since 2013 to remove the EOS from the subsurface. Removal events conducted from 1Q 2017 through 1Q 2018 have accounted for the removal of 111 gallons of EOS and reduced the maximum EOS thicknesses measured in monitoring wells from greater than 3 feet in 1Q 2017 to 0.75 feet in 1Q 2018.

Quarterly groundwater monitoring events conducted from 4Q 2016 through 3Q 2017 indicate that the chlorinated volatile organic compounds ("cVOCs") plume is delineated to the MTCA Method A CLs and, at 15 of the 29 monitoring wells, no cVOCs were detected above the MTCA Level A Cleanup Levels for four consecutive quarters. These 15 monitoring wells will be removed from the sampling plan. Conversely, concentrations of PCE have shown an increase at 2 of the 29 monitoring well locations. These increases may indicate that PCE sequestered by the EOS is being released back into the groundwater.

To gather additional data for remediation planning and to provide a baseline for future remediation performance monitoring, The ELAM Group conducted a baseline soil assessment in February 2018. Soil samples were collected from 16 soil borings and analyzed for volatile organic compounds ("VOCs"). PCE was detected at concentrations exceeding the MTCA A CL in soil samples collected from 14 of the 16 soil boring locations. In addition to the VOC analysis, composite soil samples were collected from three depth intervals within the unsaturated soil and analyzed for permanganate natural oxidant demand ("PNOD") to evaluate application of sodium permanganate ("NaMnO₄") as a potential remedial option. The results indicate that



NaMnO_4 may be an effective remediation technology for the shallow and deep unsaturated soil, but not for the surface soil.

The ELAM Group plans to continue EOS removal events while conducting interim remedial measures to address the unsaturated source area soils so that a permanent remedy can be put forth to complete the corrective action.



1 Property History

This *Annual Report* is being furnished to the State of Washington Department of Ecology (“ECY”) in accordance with the *Voluntary Cleanup Program* (“VCP”) annual reporting requirement. The report details activities undertaken since the September 2014 *Remediation Investigation* report was submitted to ECY on 9/4/14 (ECC 2014).

1.1 Facility Operational History

The former Cherry Street Cleaners facility is located at 2510 East Cherry Street, in Seattle, Washington, as shown on Figure 1 (“Facility”). The former Cherry Street Cleaners business and property is owned by Ms. Vera Benton. During its operations, Cherry Street Cleaners used two dry cleaning machines (“DCMs”) of unknown makes and model numbers. The first DCM was used from 1968 to 1998, and the second DCM was used from 1998 to 2007. Both DCMs used PCE, which was released to the environment. Prior to 1968, the business operated as Accurate Cleaners, which used petroleum-based dry cleaning solvents instead of PCE.

Due to the historical use of PCE, the constituents of concern (“COCs”) in this matter are PCE and its daughter products trichloroethene (“TCE”), cis-1,2-dichloroethene (“c-DCE”) and vinyl chloride (“VC”). Several activities associated with investigations and remediation of the COC impacts to soil, groundwater and soil gas have ensued since 2007. Details of the prior work is publicly available through ECY’s website and webpages dedicated to Cherry Street Cleaners.¹

1.2 Property Features and Surrounding Land Use

The 4,000 square-foot commercial property was previously developed with a single-story 2,440 square-foot building. The building was razed in July 2013. During the demolition, all utilities were disconnected and the pavement was removed. The property currently consists of a gravel lot with a heating oil underground storage tank (“HOT”) remaining in the northern portion of the lot. The Facility is bound by the Islamic School of Seattle to the west and north, an alleyway to the east, and East Cherry Street

¹ ECY, 2019, *Cherry Street Cleaners*, <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4175> (URL last verified 3/29/19).



to the south. The locations of the HOT, former building, disconnected utilities and surrounding properties are shown on Figure 1.

1.3 Regional Geology and Hydrogeology

The elevation of the Facility, and surrounding area, ranges between 280 and 285 feet above mean sea level (“amsl”). Based on a review of *The Geologic Map of Seattle* (USGS 2005), geology in the region of the site consists of Quaternary pre-Olympian landslide glacial deposits consisting of fine-grained silts and clays with interbedded sands, underlain by very dense fine-grained till deposits. The till generally ranges from gravelly, sandy silt to silty sand with varied quantities of clay and scattered cobbles and boulders (Galster and Laprade 1991)

Specific to the site, noncohesive sandy silt is generally encountered from the ground surface to approximately 5 to 10 feet below ground surface (“bgs”) followed by discontinuous interbedded silt, silty sand and sandy silt lenses within a non-cohesive sand unit with some gravel to the total depth drilled of 60 feet bgs.

Groundwater exists under unconfined conditions at depths ranging from 20 to 30 feet bgs and continues to the maximum drilling depth of 60 feet bgs. Over a period of 4 consecutive quarters of water table measurements between the 4th quarter of 2016 and the 4th quarter of 2017, the water table fluctuated approximately 3 feet. The upper portion of the aquifer terminates to the east and southeast beneath East 26th Avenue and East 27th Avenue.

The shape of the water table surface consistently reflects an approximately 100-feet wide “valley” shape with a north-south trending axis located between the Cherry Cleaners property and East 26th Avenue as shown on Figures 2A through 2D. The Cherry Cleaners property is located on the west side of this valley shape and so groundwater generally flows eastward from the Cherry Cleaners property.

Groundwater also flows east from the Cherry Cleaners property in the deeper part of the aquifer, but the deeper portion does not terminate to the east like the shallow portion does. Consequently, there is no groundwater flow termination point in this deeper part as shown on Figures 2E through 2H. Lake Washington is the nearest surface water body to the east of the Cherry Cleaners property, located approximately 1 mile away.



1.4 Site Investigation History

PCE was first discovered in soil and groundwater during an initial site characterization conducted by Adapt Engineering, Inc. (“Adapt”) in June of 2007. The release was subsequently reported to ECY and entered into the VCP. Since then, several phases of investigation have been conducted to delineate the extent of cVOCs in soil, groundwater and air as summarized in the table below.

Year	Investigation Activity	Report Reference
2007	☐ Advanced soil boring B-1	ECC 2013
2008	☐ Advanced soil borings FB-1 through FB-10 ☐ Installed monitoring wells MW-1 through MW-10 and MW-10D	ECC 2013
2010	☐ Installed monitoring well MW-11 ☐ Installed additional SVE pilot study wells SVE-2 and VP-1 through VP-3	ECC 2013
2012	☐ Advanced soil borings SB-1 through SB-11 ☐ Installed monitoring wells MW-12 through MW-17 ☐ Conducted vapor intrusion assessments (“VIAs”) at the following addresses: ☐ 2503 E. Cherry St. ☐ 2509 E. Cherry St. ☐ 2510 E. Cherry St. ☐ 2511 E. Cherry St. ☐ 2515 E. Cherry St. ☐ 2516 E. Cherry St. ☐ 2517 E. Cherry St. ☐ 2518 E. Cherry St. ☐ 720 E. 25th Ave. ☐ 711A E. 25th Ave.	ECC 2013
2013	☐ Advanced soil boring SB-21 ☐ Installed monitoring wells MW-15D, MW-17D, MW-18, MW-18D, MW-19, MW-19D, and MW-20D ☐ Conducted VIA at 720 E. 25th Ave.	ECC 2014
2014	☐ Advanced soil borings SB-12 through SB-20 and SB-22 through SB-37 ☐ Installed monitoring wells MW-21D, MW-22D, and MW-23	ECC 2014
2017	☐ Conducted VIAs at the following addresses: ☐ 720 E. 25th Ave. ☐ 2516 E. Cherry St. ☐ 2518 E. Cherry St.	ELAM 2017a ELAM 2017b
2018	☐ Conducted VIAs at the following addresses: ☐ 720 E. 25th Ave. ☐ 2516 E. Cherry St. ☐ 2518 E. Cherry St.	ELAM 2018a ELAM 2018b



The resulting data have shown the following:

1. The extent of cVOCs has been delineated to concentrations below Model Toxics Control Act Method A Cleanup Levels (“MTCA A CLs”) in unsaturated soil and groundwater
2. Vapor intrusion assessments (“VIAs”) conducted for nearby commercial buildings suggest that the indoor air quality meets the requirements of ECY’s MTCA Method C Closure Levels (“MTCA C CLs”) as is applicable for commercial buildings
3. VIAs conducted for a nearby school building suggest that the indoor air quality meets the requirements of ECY’s MTCA Method B Closure Levels (“MTCA B CLs”) as is applicable for residential buildings

1.5 Site Remediation History

Remediation activities have included pilot testing to evaluate the efficacy of air sparge (“AS”) and soil vapor extraction (“SVE”) technologies, injection of emulsified oil substrate (“EOS”) to augment PCE bioremediation, and vacuum truck events to remove free-phase EOS that had sequestered PCE.

Year	Remediation Activity	Report Reference
2008	❑ Completed AS/SVE pilot study testing using wells SVE-1 and MW-1D ❑ An AS/SVE system was not installed	ECC 2013
2010	❑ Completed an additional pilot study for SVE using SVE-2 and VP-1 through VP-3 ❑ Injected a total of 3,465 gallons of EOS into wells IW-1 through IW-28, MW-1, MW-2, MW-3, and MW-7 ❑ 2,310 gallons of EOS were injected into the wells within the property boundary ❑ 1,155 gallons of EOS were injected into the wells outside the property boundary	ECC 2013
2012	❑ Completed groundwater monitoring for four consecutive quarters in 2012 and 2013 as part of the EOS performance monitoring	ECC 2013
2013	❑ Demolished site building ❑ Used vacuum truck to remove 75 gallons of EOS from subsurface in 4Q	ECC 2014
2014	❑ Used vacuum truck to remove 75 gallons of EOS in 2Q and 120 gallons of EOS in 3Q	ECC 2014
2016	❑ Used vacuum truck to remove 25 gallons of EOS in 4Q ❑ 1st of four consecutive EOS performance monitoring events	Reported herein



Year	Remediation Activity	Report Reference
2017	☐ Used vacuum truck to remove a total of 80 gallons of EOS during three events ☐ 2nd, 3rd and 4th of four consecutive EOS performance monitoring events	Reported herein
2018	☐ Used vacuum truck to remove 6 gallons of EOS in 1Q	Reported herein

Although a *Corrective Action Plan* (“CAP”) has not been prepared for this site’s permanent remedy, the above-referenced interim remedial measures have aided in reducing the cVOC mass.

1.6 ECY Records Following Submission of Remedial Investigation

The ECY records subsequent to the submittal of the RI are as follows:

- ☐ Vapor Intrusion Opinion Letter (ECY 2014a)
- ☐ Remedial Investigation Opinion Letter (ECY 2014b)
- ☐ Two Vapor Intrusion Assessment Reports for 720 E. 25th Avenue (ELAM 2017a, 2018a)
- ☐ Two Vapor Intrusion Assessment Reports for 2516 and 2518 E. Cherry Street (ELAM 2017b, 2018b)

These documents are summarized in the following subsections.

1.6.1 ECY Opinion - 2014 Vapor Intrusion Opinion

On 11/17/14, in response to the September 2014 RI, ECY issued a Vapor Intrusion Opinion Letter (ECY 2014a) regarding VIAs at the 2516 and 2518 E. Cherry Street properties. The Opinion Letter included following determinations:

- ☐ Since properties are leased as commercial businesses, Commercial MTCA Method C Carcinogenic Indoor Air Screening Levels (“MTCA C CIASLs”) are applicable under the current land use.
- ☐ All of the indoor air cVOC concentrations from VIAs at 2516 and 2518 E. Cherry Street comply with the applicable MTCA C CIASLs.
- ☐ The more stringent MTCA Method B Carcinogenic Indoor Air Screening Levels (“MTCA B CIASLs”) would apply if the land use was to change to residential.



In this same Opinion, ECY indicated that source concentrations must eventually be remediated to cleanup levels derived from Method B air cleanup levels in order to free the properties of any future development restrictions.

1.6.2 ECY Opinion - Remedial Investigation

On 12/1/14, in response to the RI, ECY issued a *Remedial Investigation Opinion Letter* (ECY 2014b) for the site. ECY determined the characterization for the site is sufficient to establish cleanup standards and select a cleanup action. In addition, ECY noted the following:

- ☐ The cleanup levels (“CLs”) and points of compliance (“POC”) established for the site meet the substantive requirements of MTCA
- ☐ The available groundwater data implies that EOS has effectively reduced dissolved-phase cVOC mass within the groundwater
- ☐ Removal of the former Cherry Street Cleaners building and its foundation may have triggered off-gassing of the underlying soil, thereby releasing vapors that were previously entrapped beneath the concrete.

In conclusion, ECY requested resubmittal of a Remedial Investigation report along with a Feasibility Study, updated with the following information:

- ☐ Include a table listing the cleanup standards for all indicator hazardous substances and for all media affected in the body of the text
- ☐ Expand the analysis in the vapor intrusion assessment to include the Tier 1 through Tier 2 analysis and rationale

1.6.3 VIA for the Islamic School of Seattle (720 E 25th Avenue)

In response to inquiries from the property owner, ECY requested that the Islamic School of Seattle (“ISS”) be re-assessed for vapor intrusion. Accordingly, The ELAM Group conducted VIAs at 720 E 25th Avenue (“720”) during March of 2017 and February of 2018. The March 2017 VIA was documented in a 12/13/17 *Vapor Intrusion Assessment Report* (ELAM 2017a), and the February 2018 VIA was documented in a 11/7/18 *Vapor Intrusion Assessment Report* (ELAM 2018a).



1.6.3.1 Summary of March 2017 VIA Results

COC concentrations complied with ECY's respective Method B SGSLS and IACLs in the central and north portions of the building, but not entirely within the southern portion of the building. The south-central portion of the building, in particular, contained a concentration of PCE within the subslab that exceeded the respective Method B SGSLS at SS-2 and detections of PCE and TCE in indoor air ("IA") on the second floor that exceeded the respective Method B IACLs.

The ELAM Group concluded that the vapor intrusion ("VI") pathway remains incomplete and recommended re-sampling the south-central portion of building to confirm the hypothesis that the IA impacts identified within the south-central portion of the second floor are unrelated to the subslab soil gas concentrations observed in the sample collected from SS-2.

1.6.3.2 Summary of February 2018 VIA Results

The February 2018 VIA included samples only from the south-central portion of the building. COC concentrations complied with ECY's respective Method B SGSLS and IACLs with the exception of two subslab samples collected from sample ports located within the southern portion of the building, specifically:

- ☐ The south-central portion of the building contained a concentration of PCE within the subslab that exceeded the Method B SGSLS at SS-2
- ☐ The south-east portion of the building contained a concentration of TCE within the subslab that exceeded the Method B SGSLS at SS-1

In both cases, cVOC concentrations in the overlying indoor air samples were lower than the corresponding Method B IACLs. Based on the February 2018 VIA for the ISS, The ELAM Group concluded that the VI pathway remains incomplete for the COCs associated with the former Cherry Street Cleaners. When conjoined with the prior sampling events occurring 11/30/12, 11/7/13 and 3/16/17 (each of which were conducted during a "reasonable worst case" VI scenario), four consecutive data sets suggest that the VI pathway has remained below Residential IACLs and, consequently, the pathway is incomplete.

To ensure that compliance is maintained, The ELAM Group recommended annual VIAs in the south-central portion of the building and that it continue until the subslab soil gas concentrations reduce below the MTCA B SGSLS for two consecutive events.



1.6.3.3 Ecology Opinion

In its response in March of 2019, ECY indicated that it had no comments and, in a subsequent correspondence on 5/10/19, the ECY confirmed that it is anticipating continued monitoring of the ISS during winter “worst case” conditions. This work is tentatively planned for the 2019/2020 winter season.

1.6.4 VIA for Twilight Exit Bar and Tana Market (2516/18 E Cherry Street)

VIAs were conducted for the Twilight Exit Bar commercial building space located at 2516 East Cherry Street (“2516”) and within the Tana Market commercial building space located at 2518 East Cherry Street (“2518”) during June 2017 and February 2018. The March 2017 VIA was documented in a 12/1/17 *Vapor Intrusion Assessment Report* (ELAM 2017), and the February 2018 VIA was documented in a 11/7/18 *Vapor Intrusion Assessment Report* (ELAM 2018).

1.6.4.1 Summary of June 2017 VIA Results

COCs concentrations comply with ECY’s Commercial SGSLs and IACLs. In addition, the SGss COC concentrations at 2516 declined by 93% as compared to the October 2012 SGss concentrations. The ELAM Group believed the 93% reduction in COC concentrations is related to the demolition of the former Cherry Street Cleaners building and subsequent off-gassing. Therefore, a winter VIA was conducted in February 2018 to confirm the SGss PCE reduction and to understand the seasonal variability of the COC concentrations.

1.6.4.2 Summary of February 2018 VIA Results

All COC concentrations complied with ECY’s respective Commercial SGSLs and IACLs with the exception of the PCE in the SGss sample at 2516 from subslab port SS-1. The SGss concentration at SS-1 increased by 350% when compared to the June 2017 results, but is still 70% less than the October 2012 results. When conjoined with the prior sampling events from 10/23/12, 4/10/13, 5/30/13 and 6/29/17, five consecutive data sets suggest that the observed IA concentrations have remained in compliance with the IACLs and, consequently, the VI pathway is incomplete at each of the commercial businesses under a commercial use scenario. Should the property usage change to residential, the more stringent Residential IACLs and SGSLs would apply.



To ensure that compliance is maintained, The ELAM Group recommended annual inspections of the premises at 2516 and 2518 for continued Commercial land use. If Commercial, a VIA in 2516 should be conducted annually. If the property use changes to Residential, VIAs in both 2516 and 2518 should be conducted annually and that monitoring should continue until the SGss concentrations reduce below the applicable IACLs and SGSLs for two consecutive events.

1.6.4.3 Ecology Opinion

In its response in March of 2019, ECY indicated that it had no comments and, in a subsequent correspondence on 5/10/19, the ECY confirmed that it is anticipating continued inspection as was recommended. To date, the property use remains Commercial.



2 Groundwater Remediation Activities Summary

Groundwater remediation activities completed since the submission of the RI include four consecutive quarters of groundwater monitoring to assess future monitoring requirements and also removal of excess EOS from monitoring wells. The ELAM Group completed groundwater monitoring and EOS removal activities during December 2016 (“4Q 2016”), March 2017 (“1Q 2017”), June 2017 (“2Q 2017”), and September 2017 (“3Q 2017”). An additional EOS removal event was conducted during February 2018 (“1Q 2018”) in conjunction with the baseline soil assessment presented in Section 3.

2.1 Groundwater Monitoring

To evaluate performance of the EOS bioremediation, groundwater monitoring was conducted quarterly from 4Q 2016 through 3Q 2017. The groundwater monitoring well network consists of 29 monitoring wells, which are shown on Figure 1. Sampling was performed in accordance with the sampling plan, which is summarized in Table 1, with the following exceptions:

- ❑ MW-2: not gauged or sampled because sampling personnel were unable to locate the well; it is presumed missing or destroyed
- ❑ MW-3: accurate water level measurements and groundwater samples could not be obtained due to a layer of EOS floating on the water surface during each sampling event
- ❑ MW-7: accurate water level measurements and groundwater samples could not be obtained due to a layer of EOS floating on the water surface during each sampling event except 3Q 2017 when a bailer was used to retrieve a groundwater sample

2.1.1 Procedures

During each groundwater monitoring event, groundwater samples were collected using low-flow sampling methods in accordance with ECY’s *Standard Operating Procedure EAP099* (ECY 2018) and analyzed for volatile organic compounds (“VOCs”) in accordance with United States Environmental Protection Agency (“USEPA”) SW-846



Method 8260. Groundwater monitoring procedures are provided in Appendix A. Low-flow purging and stabilization measurements for the current reporting period are provided on the Low-Flow Test Reports in Appendix B.

2.1.2 Results

2.1.2.1 Groundwater Flow

Groundwater flow during the four quarterly monitoring events was calculated for the shallow zone and the deep zone. Monitoring wells in the shallow zone are screened across the top of the water table at approximately 25 feet bgs. Monitoring wells in the deep zone are screened below the water table surface at approximately 50 to 60 feet bgs. Groundwater flow interpretations in the shallow zone indicate a flow from the former Cherry Cleaners toward the east, which appears to converge with a west-directed flow regime from the west. Groundwater flow in the deep zone varied from east-northeast to southeast during the four quarterly monitoring events.

Groundwater elevation measurements and low-flow stabilization parameters from this monitoring period are summarized in Table 2. Potentiometric surface interpretations for each quarter and zone (shallow and deep) are shown on Figures 2A through 2H.

2.1.2.2 Quality Assurance/Quality Control Analytical Data

Results from the review of quality assurance/quality control (“QA/QC”) data, including trip blanks and field duplicates, were evaluated to assess the quality of the groundwater analytical data. VOCs were not detected in the trip blanks analyzed during the current monitoring period. Therefore, cross-contamination during sample storage and transit is not suspected. To evaluate the precision of the data set, the relative percent difference (“RPD”) was calculated for detected cVOCs as summarized in the table below.



Sampling Event (Duplicate Location)	Detected cVOCs	RPD Range (%)
3Q 2016 (MW-1)	PCE, TCE, cDCE, VC	6.3 to 18.2
3Q 2016 (MW-11)	PCE, TCE, cDCE	5.9 to 12.3
1Q 2017 (MW-1)	PCE, TCE, cDCE, VC	0 to 10.1
1Q 2017 (MW-15)	PCE, TCE	1.9 to 3.7
2Q 2017 (MW-1)	PCE, TCE, cDCE, VC	0 to 12.1
2Q 2017 (MW-15)	PCE, TCE	1.1 to 4.1
3Q 2017 (MW-1)	PCE, TCE, cDCE, VC	1.1 to 7.1
3Q 2017 (MW-15)	PCE, TCE	1.6 to 12.2

The calculated RPD values are within an acceptable range of less than 20%. Therefore, the data collected during the current reporting period are considered reliable.

2.1.2.3 Groundwater Analytical Data

Groundwater samples were collected from 26 monitoring wells every quarter except for 3Q 2017 when a sample was collected from MW-7 in addition to the other 26 wells. Analytical results from the groundwater samples were compared to the MTCA A CLs. Results from the comparison of cVOC analytical data to the MTCA A CLs are summarized below.

Well	MTCA A CL Exceedances			
	4Q 16	1Q 17	2Q 17	3Q 17
MW-1	X	X	X	X
MW-1D	--	--	--	--
MW-2	Not Located			
MW-3	Presence of free-phase EOS prevented sample collection			
MW-4	--	X	--	--
MW-5	X	X	X	X
MW-6	X	X	X	X
MW-7	Presence of free-phase EOS prevented sample collection			X
MW-8	ND	ND	ND	ND
MW-9	X	X	X	ND
MW-10	ND	ND	ND	ND



Well	MTCA A CL Exceedances			
	4Q 16	1Q 17	2Q 17	3Q 17
MW-11	X	X	X	X
MW-12	ND	ND	ND	ND
MW-13	X	X	X	X
MW-14	ND	ND	ND	ND
MW-15	X	X	X	X
MW-15D	X	X	X	X
MW-16	--	--	--	--
MW17	ND	ND	ND	ND
MW-17D	ND	ND	ND	ND
MW-18	ND	ND	ND	ND
MW-18D	ND	ND	ND	ND
MW-19	ND	ND	ND	ND
MW-19D	ND	ND	ND	--
MW-20D	ND	ND	ND	ND
MW-21D	ND	ND	ND	ND
MW-22D	ND	ND	ND	ND
MW-23	X	X	X	X
MW-101	X	X	X	X

"X" Indicates one or more cVOC exceeds applicable MTCA A CL

--" Indicates cVOCs were detected, but at concentrations less than the applicable MTCA A CL

"ND" Indicates no cVOCs were detected at concentrations above the laboratory reporting limit

"NS" Indicates not sampled

Groundwater laboratory analytical results for this reporting period are summarized in Table 3, and are shown relative to their respective wells on Figure 3. Historical gauging and low-flow stabilization parameters are presented in Appendix C.1, and historical groundwater analytical results are provided in Appendix C.2. The laboratory analytical reports for each groundwater monitoring event are presented in Appendix D.

2.1.3 Groundwater Sampling Plan Modifications

The ELAM Group recommends removing monitoring wells from the quarterly monitoring plan if the COCs have not exceed the MTCA Level A Cleanup Levels for four consecutive quarters. Analytical results from 15 monitoring wells fit this criteria. Consequently, these 15 monitoring wells will be removed from the quarterly monitoring



plan, leaving 14 monitoring wells for continued monitoring. The proposed groundwater sampling plan modifications are summarized in Table 4.

2.2 EOS Monitoring and Removal

EOS monitoring and removal events were conducted during 3Q 2016, 1Q 2017, 2Q 2017, 3Q 2017 and 1Q 2018.

2.2.1 Procedures

Monitoring wells (MW-1, MW-3 and MW-7) and injection wells (IW-02 through IW-27) were inspected for the presence of EOS. After determining the amount of EOS present in the wells², a vacuum truck was used to remove EOS from wells containing at least 0.02 feet of EOS. Some wells were inaccessible due to vehicles parked over the wells or other factors and, consequently, were not gauged or vacuumed. The removed EOS was transferred from the vacuum truck into 55-gallon drums or 275-gallon totes, labeled as dangerous waste and staged at the Facility until transportation for disposal at a properly licensed landfill could be arranged.

To evaluate cVOC concentrations sequestered in the EOS, a bailer was used to collect an EOS sample from monitoring well MW-3 prior to EOS removal during each event except the 4Q 2016 event. The EOS samples were submitted for laboratory analysis of VOCs. Further detail of the EOS monitoring and removal procedures are provided in Appendix E.

2.2.2 Results

The overall EOS thicknesses have decreased from 1Q 2017 to 1Q 2018. Wells MW-3 and IW-27 have historically contained the most amount of EOS. The EOS measured in MW-3 decreased from greater than 3 feet during 1Q 2017 to 0.20 feet in 1Q 2018. The

² The procedures for measuring the EOS thickness during the 4Q 2016 event did not provide an accurate measurement. Consequently, the EOS measurement procedure was modified for the subsequent events, as specified in Appendix E.



EOS measured in IW-27 decreased from greater than 3 feet during 1Q 2017 to 0.75 feet in 1Q 2018.

The volume of EOS and water removed during the 4Q 2016 through 1Q 2018 time period is estimated at 555 gallons, which includes 111 gallons of EOS and 444 gallons of water. EOS measurements and removal data are summarized in Table 5a.

Results from the analysis of the EOS samples collected from MW-3 indicate that PCE concentrations in the EOS ranged from 42,700 micrograms per kilogram (“ug/kg”) to 73,800 ug/kg during the period from 1Q 2017 through 3Q 2017 and declined to 6,690 ug/kg in 1Q 2018. EOS analytical results are summarized in Table 5b and depicted along with thickness measurements on Figure 4. The laboratory analytical reports for the EOS samples are provided in Appendix F.

2.2.3 Analysis

Groundwater analytical data from monitoring wells MW-1 through MW-11 were evaluated to assess the effect of EOS on the groundwater cVOC concentrations. The percent change in the groundwater cVOC concentrations from pre-injection (3Q 2009) to the most recent groundwater sample collection event (3Q 2017) was calculated for each monitoring well location that was sampled both before and after the EOS injections. The analysis indicates that, with the exception of monitoring well MW-5, the mass of chlorinated solvents is getting lower or staying approximately the same around the perimeter of the core of the plume.

Within the core of the plume as represented by MW-1, MW-7 and MW-11, the concentrations of PCE and TCE are decreasing, but c-DCE is increasing. These results support a trend in which reductive dechlorination is occurring with the aid of EOS. The data are summarized below, and depicted relative to the sampling location on Figure 5.



Well	Percentage Change in Groundwater cVOC Concentrations from 3Q 2009 to 3Q 2017			
	PCE	TCE	c-DCE	VC
MW-1	□ 88%	□ 51%	□ 102%	--
MW-1D	□ 78%	--	--	--
MW-2	□ 98%	□ 98%	□ 100%	--
MW-3	□ 96%	□ 92%	--	--
MW-4	□ 23%	--	--	--
MW-5	□ 641%	□ 550%	--	--
MW-6	□ 28%	□ 100%	--	--
MW-7	□ 59%	□ 63%	□ 120%	--
MW-8	--	--	--	--
MW-9	□ 100%	□ 100%	--	--
MW-10	--	--	--	--
MW-11	□ 83%	□ 2%	□ 3381%	

Notes:

1. Percentages in black font represent concentration decreases, whereas red font indicates increases.
2. "--" indicates the compound was not detected during either sampling event.
3. Monitoring wells MW-2 and MW-3 were last sampled in 2Q 2013. Therefore, the percent change listed in this table for MW-2 and MW-3 represents the time period 3Q 2009 to 2Q 2013.

To determine if cVOCs were sequestered in the EOS and if the sequestered cVOCs are being released back into the groundwater, The ELAM Group evaluated the cVOC concentrations for all sampling events in the time period from pre-injection (3Q 2009) to the most recent groundwater sample collection event (3Q 2017). Observations and conclusions from this evaluation include:

- 4Q 2011: After the July 2010 EOS injection, an initial drop in PCE concentrations is observed during the 4Q 2011 sampling event at all monitoring well locations except MW-4 and MW-5, which are outside of the injection area in upgradient and/or sidegradient locations.
- 3Q 2012 through 2Q 2014: After the initial decline, the groundwater PCE concentrations generally remained stable through the 2Q 2014 sampling event. The cVOC concentrations at MW-4 and MW-5 still appear unaffected by the EOS injections. It was during 2Q 2013 that the free-phase EOS was noted in source



area injection wells. In discussing this with the manufacturer of EOS, the manufacturer said that it is likely that the EOS has sequestered the cVOCs and that it could release back into the groundwater as the EOS degrades over time.

- ❑ 3Q 2016 through 3Q 2017: No groundwater samples were collected for a 2-year period from 3Q 2014 through 3Q 2016. When quarterly sampling reconvened for a 1-year period from 4Q 2016 through 3Q 2017, an increase in PCE concentrations was observed in monitoring wells MW-1 and MW-7. The specific reasons for the PCE concentration increases are unclear, but may relate to a portion of the sequestered cVOCs releasing from the EOS and back into the groundwater as the EOS degrades over time.

Based on these observations and conclusions, The ELAM Group plans to continue EOS removal events to prevent the sequestered EOS from releasing cVOCs back into the groundwater. While the removal continues, The ELAM Group will continue with planned active remediation of the unsaturated soil.

The entire data set of groundwater analytical results is summarized in Appendix C.2. Graphs of the cVOC concentrations plotted over the 3Q 2009 through 3Q 2017 time period are included in Appendix G.



3 Soil Remediation Activities Summary

Soil remediation activities completed in March 2014 and reported in the RI included 25 pre-remediation soil borings (SB-13 through SB-37) laid out in a grid pattern of 24 cells measuring approximately 10 feet by 10 feet within the former building footprint. The intent of the soil borings was to provide data for remediation planning and disposal characterization for a potential remedial excavation. One soil boring was placed in each cell and is considered representative of the soil within the entire 10 feet by 10 feet cell; two soil borings were advanced in one of the cells. Based on the analytical results, it was determined that extensive engineering controls would be necessary to complete the excavation to the lateral and depth extents necessary for adequate remediation.

In February 2018, The ELAM Group expanded the grid pattern in a similar manner to characterize the entire Property for waste characterization should soil be excavated in this area as well as a part of remediation. The additional assessment also serves as a baseline prior to remediation in the event that an alternative remedy is deployed other than soil excavation. In total, 16 cells were defined and 16 soil borings (SB-38 through SB-53) were included in the February 2018 assessment. The soil boring locations are shown on Figure 1. The entire grid pattern and analytical results are shown on Figure 6.

3.1 Completion of Baseline Soil Assessment

The February 2018 baseline soil assessment included soil borings SB-38 through SB-53 from which 32 soil samples were collected and analyzed for VOCs and three soil samples were collected and analyzed for permanganate natural oxidant demand (“PNOD”). The PNOD analysis is used to determine the oxidant demand that a permanganate treatment solution³ needs to overcome in order for reduction of the cVOC impacts to proceed.

3.1.1 Procedures

Soil borings were placed in the center of the 16 cells with the exception of soil borings SB-41 and SB-45, which were repositioned off-center within their respective cells due to

³ Sodium permanganate (“NaMnO₄”) treatment solution is being considered as a remediation option.



the presence of an HOT. The soil borings were advanced using a direct-push drill rig to a depth of 15 feet below ground surface (“bgs”) at 14 soil boring locations and to a depth of 30 feet bgs at two soil boring locations. Soil cores were retrieved in acetate liners and split open lengthwise for soil logging, sampling, and screening. Specific procedures used for soil logging, field screening, and sampling are provided in Appendix H. Soil descriptions, field screening results, and sample intervals are included on the soil boring logs in Appendix I.

At each soil boring location, the soil sample intervals corresponding to the highest and second highest field screening total organic vapor (“TOV”) readings were selected for laboratory analysis of VOCs in accordance with USEPA Method 8260. The three soil samples analyzed for PNOD were collected as composite samples from three different depths within soil borings SB-43 and SB-49 as follows:

- ☐ Surface: 0 to 1 foot
- ☐ Shallow: 1 to 15 feet
- ☐ Deep: 15 to 30 feet

3.1.2 Results

3.1.2.1 Quality Assurance/Quality Control

Results from the review of QA/QC data, including trip blanks and field duplicates, were evaluated to assess the quality of the soil VOC analytical data. VOCs were not detected in the trip blanks analyzed during the current monitoring period. Therefore, cross-contamination during sample storage and transit is not suspected. To evaluate the precision of the data set, the relative percent difference (“RPD”) was calculated for PCE, which was the only cVOC detected in the field duplicates and associated samples.

Duplicate Location (Depth in feet)	PCE Concentration (mg/kg)		RPD (%)
	Sample Result	FD Result	
SB-38 (10.0-12.1)	0.0673	0.0653	3.0
SB-48 (0.0-0.4)	0.0188	0.0373	66.0



The calculated RPD value for SB-38 is within the acceptable range of less than 40%, while the RPD value for SB-48 is outside this range. Each soil sample was collected in a consistent manner with the methods described in this report and in accordance with USEPA Method 5035A. Despite the procedural consistency, variation in analytical results outside the acceptance range remains possible because the soil sample itself is a heterogeneous mixture of particles that carry different amounts of contaminant (ITRC 2012). Furthermore, a variation in contaminant distribution within the soil samples can result in a greater increase in the RPD when measuring relatively low values, such as those represented by the analytical results for SB-48, as compared to larger values. The ELAM Group, therefore, concludes that the variability observed in the RPD for SB-48 and its field duplicate is due to the heterogeneous nature of the soil and the analytical results are considered reliable for remediation planning.

3.1.2.2 Soil Analytical Data

PCE was detected at concentrations exceeding the MTCA A CL in soil samples collected from 14 of the 16 soil boring locations. The PCE concentrations exceeding the MTCA A CL range from 0.0514 milligrams per kilogram (“mg/kg”) to 18.1 mg/kg. The cVOC analytical results are summarized in Table 6 and depicted on Figure 5. The laboratory analytical reports for VOCs are provided in Appendix J.1 and J.2. Historical soil analytical results are provided in Appendix C.3.

Results from the analysis of PNOD in the three composite samples indicate that the PNOD decreases with depth. The average PNOD results in grams per kilogram (“g/kg”) are summarized below:

- ❑ Surface = 39.1 g/kg
- ❑ Shallow = 8.6 g/kg
- ❑ Deep = 5.3 g/kg

Results from the PNOD analysis are included in the Carus Remediation Technologies Remediation Report in Appendix J.3.



3.1.3 Analysis

The ELAM Group evaluated the March 2014 data set along with the February 2018 data set to assess the extent of unsaturated soil over the entire property that requires remediation to comply with ECY's MTCA A CL. Of the 40 total cells, all but 2 require remediation to comply with ECY's MTCA A CL. The depth of remediation varies across the property, but ranges from the surface down to the water table located approximately 25 feet bgs.

The PNOD analytical results suggest that NaMnO_4 is capable of reducing the cVOC concentrations to levels below ECY's MTCA A CL in the shallow and deep unsaturated soil; however, the surface soil would require an increased amount of NaMnO_4 to achieve the desired results. Treatment with NaMnO_4 is appropriate in the shallow and/or deep unsaturated soil if the solution can be applied to achieve adequate coverage throughout the zones, but would be cost prohibitive for the surface soil. Therefore, if NaMnO_4 is selected as a technology, the upper 1.5 to 2.0 feet of soil will be removed before application occurs.



4 Schedule

The planned activities for 2019 include the preparation of the Facility property for soil remediation by removing soil from the upper 2 feet of the ground surface and then mixing NaMnO_4 into the subsurface unsaturated soil as summarized in the table below. This work will be conducted as an interim remedial measure to address the unsaturated source area soils so that a permanent remedy can be put forth to complete the corrective action. The planned activities are summarized in the table below.

Quarter & Year	Anticipated Activities
2Q 2019	☐ Prepare <i>Annual Report</i> for ECY
3Q 2019	☐ Complete Seattle Department of Construction & Inspections ("SDCI") permit ☐ Complete Seattle Department of Transportation ("SDOT") permit ☐ Remove EOS via vac truck ☐ Construct chain-link fence ☐ Excavate surface material to 2 feet bgs
4Q 2019	☐ <i>In-situ</i> active mixing of ISCO into soil as part of a <i>Feasibility Study</i> ☐ Confirmatory soil and groundwater sampling after ISCO mixture ☐ Remove EOS via vac truck ☐ VIA at 720 E. 25th Avenue and inspection of 2516/18 Cherry Street for Commercial occupancy ☐ Preparation of Feasibility Study/Cleanup Action Plan ("FS/CAP") report



5 Summary

Investigation and remediation activities conducted between December 2016 and February 2018 included four consecutive quarterly groundwater monitoring events, five EOS removal events, and a baseline soil assessment

Conclusions based on the data collected during these activities are summarized below:

- ❑ Groundwater monitoring events indicate that the cVOC plume is delineated to MTCA A CLs and, at 15 of the 29 monitoring wells, no cVOCs were detected above the MTCA Level A Cleanup Levels for four consecutive quarters.
- ❑ EOS remains on the water table, but the EOS thicknesses have decreased as a result of the EOS removal activities. Because the EOS has sequestered cVOCs, the cVOC mass is reduced each time EOS is removed; however, the observed increase in PCE concentrations in groundwater samples from two monitoring well locations, MW-1 and MW-7, may indicate that PCE is releasing from the EOS as the EOS degrades. Consequently, continued removal of the free-phase EOS is necessary.
- ❑ The soil analytical data have more accurately defined the lateral extent and depth of unsaturated soil that requires remediation to meet MTCA A CLs for cVOCs. Additionally, the PNOD data indicate that NaMnO_4 may be an effective remediation technology for the shallow and deep unsaturated soil, but not for the surface soil.
- ❑ For 2019, the planned activities include implementation of interim remedial measures to address the unsaturated source area in order to develop a reliable permanent remedy. In conjunction with these activities, The ELAM Group plans to continue EOS removal.



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Tables

Table 1. Quarterly Sampling Plan

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP ID: NW2009; Cleanup Site ID: 4175

Facility/Site ID: 476174

Well	Gauge	Sample	Analysis
MW-1	Yes	Yes	VOCs (8260)
MW-1D	Yes	Yes	VOCs (8260)
MW-2	Yes	Yes	VOCs (8260)
MW-3	Yes	Yes	VOCs (8260)
MW-4	Yes	Yes	VOCs (8260)
MW-5	Yes	Yes	VOCs (8260)
MW-6	Yes	Yes	VOCs (8260)
MW-7	Yes	Yes	VOCs (8260)
MW-8	Yes	Yes	VOCs (8260)
MW-9	Yes	Yes	VOCs (8260)
MW-10	Yes	Yes	VOCs (8260)
MW-11	Yes	Yes	VOCs (8260)
MW-12	Yes	Yes	VOCs (8260)
MW-13	Yes	Yes	VOCs (8260)
MW-14	Yes	Yes	VOCs (8260)
MW-15	Yes	Yes	VOCs (8260)
MW-15D	Yes	Yes	VOCs (8260)
MW-16	Yes	Yes	VOCs (8260)
MW17	Yes	Yes	VOCs (8260)
MW-17D	Yes	Yes	VOCs (8260)
MW-18	Yes	Yes	VOCs (8260)
MW-18D	Yes	Yes	VOCs (8260)
MW-19	Yes	Yes	VOCs (8260)
MW-19D	Yes	Yes	VOCs (8260)
MW-20D	Yes	Yes	VOCs (8260)
MW-21D	Yes	Yes	VOCs (8260)
MW-22D	Yes	Yes	VOCs (8260)
MW-23	Yes	Yes	VOCs (8260)
MW-101	Yes	Yes	VOCs (8260)

Table 2. 4Q 2016 - 3Q 2017 Monitoring Well Gauging and Low-Flow Stabilization Parameters

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data							Low Flow Stabilization Parameters					
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)		Temp (C)	pH	Conductivity (uS/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well						
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	12/6/16	No EOS	28.10	40.55	0.00	252.77	240.32	12.65	5.06	1,639.5	367.81	0.22	89.0
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	3/13/17	No EOS	25.26	40.55	0.00	255.61	240.32	13.10	4.07	2,289.5	94.26	0.20	88.8
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	6/26/17	No EOS	24.85	40.58	0.00	256.02	240.29	15.06	4.21	1.74	10.3	5.63	147
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	9/18/17	No EOS	26.78	40.58	0.00	254.09	240.29	14.14	4.55	1,475.3	8.03	5.04	91.1
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	2/27/18	No EOS	27.13	NM	0.00	253.74	NM						
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	12/6/16	NM	27.53	52.91	0.00	252.80	227.42	12.70	7.80	386.35	89.79	9.23	165.6
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	3/13/17	NM	25.72	52.75	0.00	254.61	227.58	13.53	7.65	365.68	61.02	2.63	132.1
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	6/26/17	NM	24.35	52.91	0.00	255.98	227.42	13.96	7.46	0.308	0.0	10.87	28
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	9/18/17	NM	26.28	52.91	0.00	254.05	227.42	15.02	7.48	364.91	431.97	7.14	131.7
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	12/6/16	Unable to find well; presumed missing											
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	12/8/16	25.31	NM	29.21	>3.0	NM	250.42						
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	3/13/17	24.75	NM	NM	>3.0	NM	NM						
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	6/27/17	23.48	NM	NM	>3.0	NM	NM						
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	9/18/17	25.31	NM	NM	0.40	NM	NM						
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	2/27/18	25.72	NM	NM	0.20	NM	NM						
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	12/6/16	NM	21.15	32.22	0.00	252.79	241.72	12.97	6.14	164.97	541.52	7.87	256.1
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	3/13/17	NM	19.23	32.07	0.00	254.71	241.87	14.08	6.53	176.99	598.72	7.27	131.9
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	6/26/17	NM	18.07	32.17	0.00	255.87	241.77	13.25	6.32	0.149	221	5.72	210
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	9/18/17	NM	20.04	32.17	0.00	253.90	241.77	14.87	6.40	167.14	1,934.5	9.25	217.0
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	12/6/16	NM	27.16	40.45	0.00	252.85	239.56	13.08	6.56	376.25	25.24	5.73	261.0
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	3/13/17	NM	25.70	40.27	0.00	254.31	239.74	13.92	6.85	342.96	98.30	6.21	165.4
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	6/26/17	NM	23.78	40.41	0.00	256.23	239.60	17.61	6.85	0.317	4.4	5.26	196
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	9/18/17	NM	24.75	40.41	0.00	255.26	239.60	15.42	6.71	420.77	6.30	5.61	203.9
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	12/6/16	NM	28.83	38.28	0.00	252.59	243.14	12.57	6.53	340.77	307.60	6.40	230.3
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	3/13/17	NM	26.86	40.70	0.00	254.56	240.72	13.59	7.00	335.55	979.06	5.49	174.2
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	6/26/17	NM	25.43	40.84	0.00	255.99	240.58	15.07	6.81	0.289	3.3	10.52	196
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	9/18/17	NM	27.33	40.84	0.00	254.09	240.58	14.56	6.82	424.50	97.72	7.84	225.0
				0.00	0.00													

Table 2. 4Q 2016 - 3Q 2017 Monitoring Well Gauging and Low-Flow Stabilization Parameters

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data							Low Flow Stabilization Parameters					
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)		Temp (C)	pH	Conductivity (uS/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well						
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	12/6/16	28.02	NM	NM	0.01	NM	NM						
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	3/13/17	No EOS	25.50	NM	0.00	254.63	NM						
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	6/26/17	No EOS	24.24	NM	0.00	255.89	NM						
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	9/18/17	No EOS	27.02	40.00	0.00	253.11	240.13						
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	2/27/18	No EOS	26.39	NM	0.00	253.74	NM						
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	12/6/16	NM	26.92	37.52	0.00	252.98	242.38	11.97	6.65	255.42	70.36	7.23	226.3
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	3/13/17	NM	25.99	37.98	0.00	253.91	241.92	13.34	7.39	263.23	109.69	7.73	130.6
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	6/26/17	NM	23.47	39.55	0.00	256.43	240.35	11.34	6.96	0.224	40.8	6.46	184
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	9/18/17	NM	25.44	39.55	0.00	254.46	240.35	13.90	6.77	267.06	663.39	8.98	153.7
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	12/6/16	NM	26.63	38.65	0.00	252.38	240.36	3.36	6.35	0.48	62.82	12.58	232.6
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	3/13/17	NM	24.79	38.65	0.00	254.22	240.36	14.00	6.63	666.28	181.55	0.12	-21.4
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	6/26/17	NM	23.54	38.58	0.00	255.47	240.43	13.65	6.42	0.635	15.6	9.20	-46
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	9/18/17	NM	25.40	38.58	0.00	253.61	240.43	14.62	6.42	539.23	333.34	4.35	205.7
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	12/6/16	NM	5.88	29.26	0.00	277.40	254.02	3.67	7.20	0.51	327.07	13.65	231.8
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	3/13/17	NM	5.70	29.26	0.00	277.58	254.02	11.96	6.84	115.56	56.39	9.06	147.6
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	6/26/17	NM	6.67	25.22	0.00	276.61	258.06	12.91	6.46	0.102	0.0	7.88	136
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	9/18/17	NM	7.78	25.22	0.00	275.50	258.06	16.08	6.53	147.96	191.93	7.17	105.4
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	12/6/16	NM	28.97	40.05	0.00	252.47	241.39	8.29	6.59	0.41	55.58	12.01	240.0
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	3/13/17	NM	27.02	40.05	0.00	254.42	241.39	14.09	6.89	376.92	31.79	4.12	54.1
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	6/26/17	NM	25.57	40.12	0.00	255.87	241.32	12.62	6.64	0.386	7.4	8.15	215
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	9/18/17	NM	27.47	40.12	0.00	253.97	241.32	14.31	6.67	452.53	9.73	6.07	208.5
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	12/6/16	NM	25.04	32.58	0.00	252.99	245.45	12.93	7.55	321.45	145.47	9.02	177.8
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	3/13/17	NM	23.05	32.37	0.00	254.98	245.66	14.51	6.91	326.28	19.97	5.72	159.6
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	6/26/17	NM	21.76	32.57	0.00	256.27	245.46	11.93	7.06	0.299	12.0	10.85	180
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	9/18/17	NM	23.75	32.57	0.00	254.28	245.46	14.13	7.04	329.43	68.25	6.61	138.8
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	12/6/16	NM	23.75	34.75	0.00	252.76	241.76	11.48	6.39	133.39	142.84	6.72	202.7
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	3/13/17	NM	21.71	34.75	0.00	254.80	241.76	12.70	6.78	145.92	1,324.0	9.60	135.0
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	6/26/17	NM	20.43	34.71	0.00	256.08	241.80	16.66	6.26	0.132	5.6	8.41	223
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	9/18/17	NM	22.42	34.71	0.00	254.09	241.80	14.71	6.29	151.79	169.13	8.13	229.2

Table 2. 4Q 2016 - 3Q 2017 Monitoring Well Gauging and Low-Flow Stabilization Parameters

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data							Low Flow Stabilization Parameters					
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)		Temp (C)	pH	Conductivity (uS/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well						
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	12/6/16	NM	32.12	39.60	0.00	252.79	245.31	11.71	6.56	389.37	21.06	6.93	216.4
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	3/13/17	NM	30.15	38.85	0.00	254.76	246.06	13.73	6.62	370.42	47.11	5.60	-13.2
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	6/26/17	NM	28.62	39.60	0.00	256.29	245.31	12.85	6.47	0.361	0.0	4.15	190
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	9/18/17	NM	30.55	39.60	0.00	254.36	245.31	15.03	6.47	405.09	326.31	6.74	166.8
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	12/6/16	NM	29.63	38.28	0.00	252.29	243.64	13.08	6.90	343.10	123.76	4.66	238.3
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	3/13/17	NM	27.72	38.23	0.00	254.20	243.69	12.88	6.79	346.86	36.39	1.60	145.3
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	6/26/17	NM	26.51	38.12	0.00	255.41	243.80	12.40	6.66	0.307	21.9	7.54	205
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	9/18/17	NM	28.35	38.12	0.00	253.57	243.80	14.19	6.64	356.54	354.11	2.93	224.6
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	12/6/16	NM	29.92	59.46	0.00	252.34	222.80	13.12	7.16	245.63	128.64	6.07	249.9
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	3/13/17	NM	28.05	60.15	0.00	254.21	222.11	12.90	7.42	256.98	97.34	6.04	140.9
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	6/26/17	NM	26.80	59.46	0.00	255.46	222.80	12.60	7.24	0.231	79.4	10.37	177
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	9/18/17	NM	28.61	59.46	0.00	253.65	222.80	14.35	7.11	272.58	44.18	5.54	216.8
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	12/6/16	NM	31.60	39.76	0.00	252.40	244.24	1.93	6.57	0.50	1,076.0	13.90	141.7
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	3/13/17	NM	29.75	39.16	0.00	254.25	244.84	13.73	6.73	394.33	8.75	5.99	163.7
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	6/26/17	NM	28.26	39.74	0.00	255.74	244.26	12.93	6.56	0.352	16.7	3.92	196
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	9/18/17	NM	30.15	39.74	0.00	253.85	244.26	14.60	6.50	470.04	129.92	4.37	143.9
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	12/7/16	NM	32.30	38.73	0.00	252.43	246.00	5.57	7.01	323.79	106.56	10.69	145.5
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	3/13/17	NM	30.27	38.73	0.00	254.46	246.00	13.90	6.52	343.28	4,422.1	5.52	135.3
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	6/26/17	NM	28.78	39.08	0.00	255.95	245.65	13.55	6.33	0.286	54.6	3.38	202
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	9/18/17	NM	30.67	39.08	0.00	254.06	245.65	14.80	6.45	346.82	41.09	6.00	153.9
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	12/7/16	NM	32.28	56.10	0.00	252.43	228.61	11.43	6.65	304.82	115.07	4.17	201.5
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	3/13/17	NM	30.25	56.10	0.00	254.46	228.61	14.12	7.00	320.49	4.84	3.98	85.9
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	6/26/17	NM	28.75	56.92	0.00	255.96	227.79	13.55	6.90	0.307	0.0	2.45	178
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	9/18/17	NM	30.66	56.92	0.00	254.05	227.79	14.99	7.05	324.75	236.71	9.56	123.9
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	12/6/16	NM	21.79	29.09	0.00	252.28	244.98	5.27	6.70	0.45	131.26	12.39	262.0
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	3/13/17	NM	20.84	28.80	0.00	253.23	245.27	13.38	6.65	301.58	22.97	0.15	-33.0
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	6/26/17	NM	18.91	28.98	0.00	255.16	245.09	13.36	6.51	0.313	18.7	8.30	-74
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	9/18/17	NM	20.80	28.98	0.00	253.27	245.09	14.33	6.57	438.22	473.37	0.17	-80.8

Table 2. 4Q 2016 - 3Q 2017 Monitoring Well Gauging and Low-Flow Stabilization Parameters

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data							Low Flow Stabilization Parameters					
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)		Temp (C)	pH	Conductivity (uS/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well						
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	12/6/16	NM	22.14	57.47	0.00	252.27	216.94	4.69	6.44	0.50	0.81	12.23	243.9
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	3/13/17	NM	20.29	57.47	0.00	254.12	216.94	13.21	8.29	161.44	30.28	0.79	-45.3
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	6/26/17	NM	19.32	58.51	0.00	255.09	215.90	15.88	8.20	0.293	11.4	7.69	99
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	9/18/17	NM	21.14	58.51	0.00	253.27	215.90	14.24	8.12	432.73	148.74	0.44	116.0
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	12/6/16	NM	20.07	33.33	0.00	259.69	246.43	13.74	7.06	117.81	1,277.2	9.78	119.5
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	3/13/17	NM	16.54	33.33	0.00	263.22	246.43	13.19	6.77	215.51	432.46	6.08	143.8
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	6/26/17	NM	17.13	33.29	0.00	262.63	246.47	13.81	6.50	0.220	27.7	9.68	177
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	9/18/17	NM	20.63	33.29	0.00	259.13	246.47	16.42	6.50	291.00	111.78	5.37	162.2
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	12/6/16	NM	27.72	57.01	0.00	252.12	222.83	13.00	6.74	31.81	6,825.9	10.56	164.3
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	3/13/17	NM	25.85	57.01	0.00	253.99	222.83	12.61	7.01	190.54	224.53	3.30	136.1
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	6/26/17	NM	24.86	57.92	0.00	254.98	221.92	12.96	6.66	0.159	62.5	7.19	150
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	9/18/17	NM	26.72	57.92	0.00	253.12	221.92	14.39	6.80	137.21	238.31	6.77	150.8
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	12/6/16	NM	30.47	58.75	0.00	252.14	223.86	7.14	8.07	449.29	91.49	10.10	155.3
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	3/13/17	NM	28.63	58.75	0.00	253.98	223.86	14.40	7.96	387.78	1,234.8	0.17	79.3
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	6/26/17	NM	27.59	59.51	0.00	255.02	223.10	12.99	7.69	0.338	0.5	8.44	70
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	9/18/17	NM	29.42	59.51	0.00	253.19	223.10	15.01	7.70	475.20	2,308.5	5.72	192.6
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	12/7/16	NM	35.68	64.47	0.00	251.71	222.92	2.40	7.78	443.41	149.97	1.38	-50.0
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	3/13/17	NM	34.20	64.47	0.00	253.19	222.92	12.50	8.10	357.60	1,111.1	0.26	-228.6
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	6/26/17	NM	32.13	65.31	0.00	255.26	222.08	13.78	7.60	0.307	0.0	0.00	-76
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	9/18/17	NM	33.92	65.31	0.00	253.47	222.08	13.93	7.40	359.43	209.92	6.16	-24.8
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	12/6/16	NM	33.01	59.32	0.00	251.82	225.51	13.92	7.30	276.34	3.53	8.93	18.6
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	3/13/17	NM	31.26	59.32	0.00	253.57	225.51	13.54	7.09	244.52	83.69	0.20	92.8
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	6/26/17	NM	29.74	59.85	0.00	255.09	224.98	12.49	6.82	0.219	261	0.92	62
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	9/18/17	NM	31.59	59.85	0.00	253.24	224.98	14.18	6.82	303.68	127.86	2.20	225.8
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	12/6/16	NM	28.68	34.72	0.00	252.41	246.37	3.15	5.93	0.00	251.58	12.86	243.9
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	3/13/17	NM	26.80	34.72	0.00	254.29	246.37	14.92	6.38	511.49	21.93	1.19	173.5
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	6/26/17	NM	25.54	33.69	0.00	255.55	247.40	15.04	6.42	0.474	0.0	0.00	97
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	9/18/17	NM	27.40	33.69	0.00	253.69	247.40	14.69	6.38	589.48	3.08	2.06	229.3

Table 2. 4Q 2016 - 3Q 2017 Monitoring Well Gauging and Low-Flow Stabilization Parameters

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data							Low Flow Stabilization Parameters					
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)							
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well	Temp (C)	pH	Conductivity (uS/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	12/7/16	NM	27.09	29.29	0.00	252.48	250.28	13.29	6.30	542.94	22.88	0.52	88.7
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	3/13/17	NM	25.11	29.15	0.00	254.46	250.42	13.93	6.50	528.05	31.30	0.36	183.1
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	6/26/17	NM	23.72	29.31	0.00	255.85	250.26	12.86	6.23	0.465	0.0	4.59	217
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	9/18/17	NM	25.63	29.31	0.00	253.94	250.26	14.64	6.46	533.23	100.39	2.31	233.1

- Notes:
1. NM = Not Measured
 2. Prior to 2017, EOS thicknesses were based soley on oil-water interface probe measurements, which have proven inaccurate for determining the precise depth of the EOS/water interface. Beginning in 2017, a bailer was used to retrieve an EOS sample for measurement of the EOS thickness.

Table 3. 4Q 2016 - 3Q 2017 Summary of Groundwater Analytical Results

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Sample Date	Sample Method	Pump Intake Elevation	Analytical Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
Chemical Abstracts Service (CAS) Registry Number					127-18-4	79-01-6	156-59-2	75-01-4
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Levels					5	5	--	0.20
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Cancer)					--	--	--	--
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Non Cancer)					--	--	16	--
MW-1	12/8/16	Low-Flow	NA	USEPA Method 8260	472	51.5	312	4.2
MW-1 DUP	12/8/16	Low-Flow	NA	USEPA Method 8260	419	48.2	293	3.5
MW-1	3/17/17	Low-Flow	247.80	USEPA Method 8260	670	73.7	365	3.2
MW-1 DUP	3/17/17	Low-Flow	247.80	USEPA Method 8260	681	73.1	404	3.2
MW-1	6/29/17	Low-Flow	247.99	USEPA Method 8260	928	52.7	344	3.1
MW-1 DUP	6/29/17	Low-Flow	247.99	USEPA Method 8260	928	56.0	337	3.5
MW-1	9/22/17	Low-Flow	247.03	USEPA Method 8260	730	58.3	484	3.3
MW-1 DUP	9/22/17	Low-Flow	247.03	USEPA Method 8260	784	60.3	499	3.5
MW-1D	12/8/16	Low-Flow	NA	USEPA Method 8260	3.9	<0.40	<0.50	<0.20
MW-1D	3/16/17	Low-Flow	231.71	USEPA Method 8260	3.4	<0.40	<0.50	<0.20
MW-1D	6/28/17	Low-Flow	230.71	USEPA Method 8260	1.3	<0.40	<0.50	<0.20
MW-1D	9/20/17	Low-Flow	229.25	USEPA Method 8260	2.1	<0.40	<0.50	<0.20
MW-4	12/8/16	Low-Flow	NA	USEPA Method 8260	4.2	<0.40	<0.50	<0.20
MW-4	3/14/17	Low-Flow	252.17	USEPA Method 8260	5.6	<0.40	<0.50	<0.20
MW-4	6/28/17	Low-Flow	252.12	USEPA Method 8260	4.6	<0.40	<0.50	<0.20
MW-4	9/20/17	Low-Flow	252.12	USEPA Method 8260	3.8	<0.40	<0.50	<0.20
MW-5	12/8/16	Low-Flow	NA	USEPA Method 8260	64.3	1.3	<0.50	<0.20
MW-5	3/16/17	Low-Flow	244.82	USEPA Method 8260	21.1	0.48	<0.50	<0.20
MW-5	6/29/17	Low-Flow	244.75	USEPA Method 8260	30.9	0.81	<0.50	<0.20
MW-5	9/21/17	Low-Flow	244.75	USEPA Method 8260	126	2.6	<0.50	<0.20
MW-6	12/7/16	Low-Flow	244.71	USEPA Method 8260	39.3	<0.40	<0.50	<0.20
MW-6	3/16/17	Low-Flow	244.61	USEPA Method 8260	44.2	<0.40	<0.50	<0.20
MW-6	6/29/17	Low-Flow	244.54	USEPA Method 8260	7.5	<0.40	<0.50	<0.20
MW-6	9/21/17	Low-Flow	246.62	USEPA Method 8260	46.8	<0.40	<0.50	<0.20
MW-7	9/21/17	Bailer	NA	USEPA Method 8260	819	13.0	220	1.6
MW-8	12/8/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-8	3/14/17	Low-Flow	248.73	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-8	6/28/17	Low-Flow	249.20	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-8	9/20/17	Low-Flow	248.21	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-9	12/6/16	Low-Flow	NA	USEPA Method 8260	6.1	<0.40	<0.50	<0.20
MW-9	3/14/17	Low-Flow	248.99	USEPA Method 8260	69.2	2.0	1.2	<0.20
MW-9	6/28/17	Low-Flow	249.65	USEPA Method 8260	6	<0.40	<0.50	<0.20
MW-9	9/20/17	Low-Flow	248.72	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-10	12/6/16	Low-Flow	263.21	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-10	3/15/17	Low-Flow	261.08	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-10	6/25/17	Low-Flow	263.10	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-10	9/19/17	Low-Flow	263.10	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-11	12/6/16	Low-Flow	246.21	USEPA Method 8260	575	46.5	86.1	<0.20
MW-11 DUP	12/6/16	Low-Flow	246.21	USEPA Method 8260	542	41.1	76.3	<1.0
MW-11	3/14/17	Low-Flow	247.17	USEPA Method 8260	246	21.8	40.7	<0.20
MW-11	6/29/17	Low-Flow	247.86	USEPA Method 8260	416	38.3	79.8	<1.0
MW-11	9/22/17	Low-Flow	246.91	USEPA Method 8260	404	35.4	90.5	<0.40
MW-12	12/8/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-12	3/16/17	Low-Flow	253.00	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-12	6/28/17	Low-Flow	253.54	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-12	9/20/17	Low-Flow	252.55	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-13	12/8/16	Low-Flow	NA	USEPA Method 8260	57.9	0.55	<0.50	<0.20
MW-13	3/17/17	Low-Flow	252.48	USEPA Method 8260	39.5	0.45	<0.50	<0.20
MW-13	6/29/17	Low-Flow	253.14	USEPA Method 8260	45.2	0.45	<0.50	<0.20
MW-13	9/21/17	Low-Flow	252.14	USEPA Method 8260	47.9	0.48	<0.50	<0.20
MW-14	12/8/2016	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-14	3/15/2017	Low-Flow	246.21	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-14	6/28/17	Low-Flow	246.60	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-14	9/20/17	Low-Flow	245.63	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-15	12/9/16	Low-Flow	NA	USEPA Method 8260	434	12.1	<0.50	<0.20
MW-15	3/16/17	Low-Flow	247.73	USEPA Method 8260	523	15.8	0.65	<0.20
MW-15 DUP	3/16/17	Low-Flow	247.73	USEPA Method 8260	504	15.5	1.3	<0.20
MW-15	6/30/17	Low-Flow	248.39	USEPA Method 8260	546	14.4	<2.5	<1.0
MW-15 DUP	6/30/17	Low-Flow	248.39	USEPA Method 8260	540	15.0	<0.50	<0.20

Table 3. 4Q 2016 - 3Q 2017 Summary of Groundwater Analytical Results

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Sample Date	Sample Method	Pump Intake Elevation	Analytical Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
Chemical Abstracts Service (CAS) Registry Number					127-18-4	79-01-6	156-59-2	75-01-4
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Levels					5	5	--	0.20
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Cancer)					--	--	--	--
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Non Cancer)					--	--	16	--
MW-15	9/21/17	Low-Flow	247.47	USEPA Method 8260	558	12.7	<2.5	<1.0
MW-15 DUP	9/21/17	Low-Flow	247.47	USEPA Method 8260	494	12.5	<2.5	<1.0
MW-15D	12/9/16	Low-Flow	NA	USEPA Method 8260	18.2	3.1	<0.50	<0.20
MW-15D	3/16/17	Low-Flow	223.13	USEPA Method 8260	18.7	3.7	<0.50	<0.20
MW-15D	6/29/17	Low-Flow	223.48	USEPA Method 8260	6.6	1.6	<0.50	<0.20
MW-15D	9/21/17	Low-Flow	225.98	USEPA Method 8260	8.4	1.6	<0.50	<0.20
MW-16	12/6/16	Low-Flow	245.21	USEPA Method 8260	2.5	<0.40	<0.50	<0.20
MW-16	3/15/17	Low-Flow	246.61	USEPA Method 8260	3.3	<0.40	<0.50	<0.20
MW-16	6/29/17	Low-Flow	246.70	USEPA Method 8260	1.9	<0.40	<0.50	<0.20
MW-16	9/19/17	Low-Flow	245.76	USEPA Method 8260	1.0	<0.40	<0.50	<0.20
MW-17	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17	3/15/17	Low-Flow	246.22	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17	6/28/17	Low-Flow	246.78	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17	9/20/17	Low-Flow	245.83	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17D	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17D	3/15/17	Low-Flow	225.16	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17D	6/28/17	Low-Flow	226.71	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17D	9/20/17	Low-Flow	224.75	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18	12/6/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18	3/14/17	Low-Flow	253.31	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18	6/27/17	Low-Flow	253.22	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18	9/19/17	Low-Flow	253.22	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18D	12/6/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18D	3/14/17	Low-Flow	224.47	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18D	6/27/17	Low-Flow	223.95	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18D	9/19/17	Low-Flow	223.95	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19	12/7/16	Low-Flow	261.71	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19	3/14/17	Low-Flow	251.54	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19	6/27/17	Low-Flow	251.56	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19	9/19/17	Low-Flow	251.56	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19D	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19D	3/15/17	Low-Flow	224.70	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19D	6/27/17	Low-Flow	226.21	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19D	9/19/17	Low-Flow	224.25	USEPA Method 8260	0.59	<0.40	<0.50	<0.20
MW-20D	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-20D	3/14/17	Low-Flow	223.83	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-20D	6/27/17	Low-Flow	223.45	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-20D	9/19/17	Low-Flow	223.45	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-21D	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-21D	3/14/17	Low-Flow	217.97	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-21D	6/27/17	Low-Flow	217.56	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-21D	9/20/17	Low-Flow	217.55	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-22D	12/7/2016	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-22D	3/14/2017	Low-Flow	226.05	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-22D	6/27/17	Low-Flow	225.78	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-22D	9/19/17	Low-Flow	223.45	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-23	12/6/2016	Low-Flow	249.21	USEPA Method 8260	562	21.6	5.7	<0.20
MW-23	3/16/2017	Low-Flow	249.95	USEPA Method 8260	572	20.9	5.6	<0.20
MW-23	6/29/17	Low-Flow	251.09	USEPA Method 8260	344	12.0	4.7	<1.0
MW-23	9/21/17	Low-Flow	250.16	USEPA Method 8260	462	12.7	7.8	<0.40
MW-101	12/7/2016	Low-Flow	NA	USEPA Method 8260	234	11.1	88.0	<0.40
MW-101	3/16/2017	Low-Flow	253.58	USEPA Method 8260	204	11.7	116	<0.20
MW-101	6/29/17	Low-Flow	254.19	USEPA Method 8260	69.7	2.6	5.5	<0.20
MW-101	9/21/17	Low-Flow	253.24	USEPA Method 8260	223	9.4	98.8	<0.20

- Notes:
1. All water analytical results are presented in micrograms per liter (ug/L).
 2. The applicable MTCA CLs are MTCA Method A CLs, and MTCA Method B CLs where MTCA Method A CLs are not listed.
 3. A bold font style indicates that the concentration exceeds the applicable MTCA Cleanup Level.

Table 4. Revised Quarterly Sampling Plan

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP ID: NW2009; Cleanup Site ID: 4175

Facility/Site ID: 476174

Well	Gauge	Sample	Analysis
MW-1	Yes	Yes	VOCs (8260)
MW-1D	Yes	No	--
MW-2	Yes	Yes	VOCs (8260)
MW-3	Yes	Yes	VOCs (8260)
MW-4	Yes	Yes	VOCs (8260)
MW-5	Yes	Yes	VOCs (8260)
MW-6	Yes	Yes	VOCs (8260)
MW-7	Yes	Yes	VOCs (8260)
MW-8	Yes	No	--
MW-9	Yes	Yes	VOCs (8260)
MW-10	Yes	No	--
MW-11	Yes	Yes	VOCs (8260)
MW-12	Yes	No	--
MW-13	Yes	Yes	VOCs (8260)
MW-14	Yes	No	--
MW-15	Yes	Yes	VOCs (8260)
MW-15D	Yes	Yes	VOCs (8260)
MW-16	Yes	No	--
MW17	Yes	No	--
MW-17D	Yes	No	--
MW-18	Yes	No	--
MW-18D	Yes	No	--
MW-19	Yes	No	--
MW-19D	Yes	No	--
MW-20D	Yes	No	--
MW-21D	Yes	No	--
MW-22D	Yes	No	--
MW-23	Yes	Yes	VOCs (8260)
MW-101	Yes	Yes	VOCs (8260)

Table 5a. Emulsified Oil Substrate Thicknesses & Recovery Tracking

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP ID: NW2009; Cleanup Site ID: 4175

Facility/Site ID: 476174

Location	Well Construction Information			4Q 16	1Q 17	2Q 17	3Q 17	1Q 18
	Well Diameter (in)	Depth to Top of Screen (ft bgs)	Depth to Bottom of Screen (ft bgs)	EOS Thickness (ft)	EOS Thickness (ft)	EOS Thickness (ft)	EOS Thickness (ft)	EOS Thickness (ft)
IW-02	4	20.0	40.0	NM	0.05	<0.01	0.00	0.00
IW-03	4	20.0	40.0	NM	NM	<0.01	0.20	0.20
IW-04	4	20.0	40.0	NM	NM	0.20	0.08	NM
IW-05	4	20.0	40.0	NM	NM	0.20	0.10	0.60
IW-06	4	20.0	40.0	NM	NM	0.10	0.00	0.10
IW-07	4	20.0	40.0	NM	NM	<0.01	0.00	0.00
IW-08	4	20.0	40.0	NM	NM	NM	NM	NM
IW-09	4	20.0	40.0	NM	0.01	0.01	0.01	NM
IW-10	4	20.0	40.0	NM	0.01	<0.01	0.00	NM
IW-11	4	20.0	40.0	NM	0.35	0.00	0.00	0.00
IW-12	4	20.0	40.0	1.00	0.00	0.00	0.00	0.00
IW-13	4	20.0	40.0	<0.01	0.00	0.00	0.00	0.00
IW-14	4	18.0	38.0	4.00	<0.01	0.02	<0.01	0.05
IW-15	4	20.0	40.0	2.00	0.00	0.00	0.03	0.01
IW-16	4	20.0	40.0	2.00	0.00	0.00	0.00	0.00
IW-17	4	20.0	40.0	NM	0.00	0.00	<0.01	0.00
IW-18	4	20.0	40.0	NM	0.02	0.02	<0.01	0.01
IW-19	4	18.5	38.5	NM	0.00	0.00	0.00	0.00
IW-20	4	18.5	38.5	NM	0.00	0.00	0.00	0.00
IW-21	4	17.5	37.5	NM	0.00	0.00	0.00	0.00
IW-22	4	17.0	37.0	NM	<0.01	0.00	0.00	0.01
IW-23	4	16.5	36.5	1.50	0.00	0.00	0.00	0.00
IW-24	4	15.0	35.0	NM	0.00	0.00	0.00	0.00
IW-25	4	15.0	35.0	1.50	0.01	0.01	<0.01	0.02
IW-26	4	15.0	35.0	0.00	0.00	0.00	0.00	0.00
IW-27	4	20.0	40.0	NM	3+	1.30	0.30	0.75
IW-28	4	20.0	40.0	NM	0.00	0.00	0.00	0.00
MW-1	2	22.0	40.6	NM	0.00	0.00	0.00	0.00
MW-3	4	20.0	30.0	NM	3+	3+	0.40	0.20
MW-7	4	20.0	40.0	NM	0.00	0.00	0.00	0.00
Estimated Volume of Oil/Water Removed (gallons)				125	250	75	75	30
Estimated Volume of Oil Removed (gallons)				25	50	15	15	6
Average Depth to Product (ft)				27.44	25.17	24.19	25.69	25.89

NOTES:

1. The 4Q 16 Product thickness measurements were collected with an oil-water interface probe, but not visually confirmed with a bailer, and are likely overestimated. The sticky nature of EOS makes it difficult to obtain accurate measurements using an oil-water interface probe. Consequently, the practice of measuring the thickness with the oil-water interface probe was discontinued after 4Q 16 in favor of visual inspection and measurement with a bailer.

2. NM = Not Measured

3. NP = No Product

4. Bold font and shading indicates vacuum was applied to the well to remove EOS

Table 5b. 4Q 2016 - 1Q 2018 Summary of Emulsified Oil Substrate Analytical Results

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Sample Date	Sample Method	Analytical Method	Tetrachloro-ethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
MW-3	03/15/17	Bailer	VOC 8260	73800	672	625	<235
MW-3	06/22/17	Bailer	VOC 8260	42700	1180	1490	<190
MW-3	09/18/17	Bailer	VOC 8260	68500	934	1020	<196
MW-3	02/27/18	Bailer	VOC 8260	6690	175	406	<50

Notes:

1. All analytical results are presented in micrograms per kilogram (ug/kg).
2. All results are displayed for PCE, TCE, and their daughter compounds, cis-1,2-DCE, and vinyl chloride.

Table 6. 1Q 2018 Summary of Soil Analytical Results

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175: Facility/Site ID: 476174

Location	Date	Depth (ft)			Top-of-Ground Elevation (ft)	Sample Elevation (ft)			Media	Prep Method	Analytical Method	PCE	TCE	c-DCE	Vinyl Chloride
Chemical Abstracts Service Registry Number (CASRN)												127-18-4	79-01-6	156-59-2	75-01-4
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Level												0.05	0.03	--	--
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B (Cancer)												--	--	--	0.67
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B (Non Cancer)												--	--	160	--
SB-38	2/27/18	2.5	-	2.9	280.22	277.72	-	277.32	Soil	EPA 5035	EPA 8260B	1.810	<0.0029	<0.0029	<0.0029
	2/27/18	10.0	-	12.1	280.22	270.22	-	268.12	Soil	EPA 5035	EPA 8260B	0.0673	<0.0028	<0.0028	<0.0028
FD-1	2/27/18	10.0	-	12.1	280.22	270.22	-	268.12	Soil	EPA 5035	EPA 8260B	0.0653	<0.0027	<0.0027	<0.0027
SB-39	2/27/18	7.0	-	8.8	279.92	272.92	-	271.12	Soil	EPA 5035	EPA 8260B	0.728	<0.0031	<0.0031	<0.0031
	2/27/18	10.0	-	11.8	279.92	269.92	-	268.12	Soil	EPA 5035	EPA 8260B	0.539	<0.0045	<0.0045	<0.0045
SB-40	2/27/18	2.8	-	4.0	280.01	277.21	-	276.01	Soil	EPA 5035	EPA 8260B	0.180	<0.0036	<0.0036	<0.0036
	2/27/18	11.8	-	14.1	280.01	268.21	-	265.91	Soil	EPA 5035	EPA 8260B	0.677	<0.0028	<0.0028	<0.0028
SB-41	2/28/18	0.0	-	0.7	280.10	280.1	-	279.4	Soil	EPA 5035	EPA 8260B	18.100	<0.0077	0.0134	<0.0077
	2/28/18	2.0	-	3.3	280.10	278.1	-	276.8	Soil	EPA 5035	EPA 8260B	1.120	<0.0028	<0.0028	<0.0028
SB-42	2/27/18	1.5	-	2.4	279.87	278.37	-	277.47	Soil	EPA 5035	EPA 8260B	0.140	<0.0029	<0.0029	<0.0029
	2/27/18	5.4	-	6.1	279.87	274.47	-	273.77	Soil	EPA 5035	EPA 8260B	0.0555	<0.0029	<0.0029	<0.0029
SB-43	2/27/18	10.0	-	11.6	279.63	269.63	-	268.03	Soil	EPA 5035	EPA 8260B	0.0836	<0.0028	<0.0028	<0.0028
	2/27/18	25.0	-	25.8	279.63	254.63	-	253.83	Soil	EPA 5035	EPA 8260B	0.116	<0.0027	<0.0027	<0.0027
SB-44	2/28/18	5.8	-	7.3	279.54	273.74	-	272.24	Soil	EPA 5035	EPA 8260B	0.427	<0.0029	<0.0029	<0.0029
	2/28/18	12.0	-	13.3	279.54	267.54	-	266.24	Soil	EPA 5035	EPA 8260B	0.364	<0.0029	<0.0029	<0.0029
SB-45	2/28/18	10.0	-	10.7	279.70	269.7	-	269	Soil	EPA 5035	EPA 8260B	0.153	<0.0026	<0.0026	<0.0026
	2/28/18	11.6	-	12.6	279.70	268.1	-	267.1	Soil	EPA 5035	EPA 8260B	0.290	0.007	<0.0029	<0.0029
SB-46	2/27/18	0.4	-	1.1	279.81	279.41	-	278.71	Soil	EPA 5035	EPA 8260B	0.0265	<0.0030	<0.0030	<0.0030
	2/27/18	7.5	-	9.7	279.81	272.31	-	270.11	Soil	EPA 5035	EPA 8260B	0.0185	<0.0032	<0.0032	<0.0032
SB-47	2/28/18	0.5	-	1.3	279.67	279.17	-	278.37	Soil	EPA 5035	EPA 8260B	0.0774	<0.0032	<0.0032	<0.0032
	2/28/18	5.6	-	6.6	279.67	274.07	-	273.07	Soil	EPA 5035	EPA 8260B	0.0588	<0.0029	<0.0029	<0.0029
SB-48	2/28/18	0.0	-	0.4	279.48	279.48	-	279.08	Soil	EPA 5035	EPA 8260B	0.0188	<0.0039	<0.0039	<0.0039
FD-2	2/28/18	0.0	-	0.4	279.48	279.48	-	279.08	Soil	EPA 5035	EPA 8260B	0.0373	<0.0037	<0.0037	<0.0037
SB-48	2/28/18	2.1	-	3.5	279.48	277.38	-	275.98	Soil	EPA 5035	EPA 8260B	1.340	<0.0034	<0.0034	<0.0034
SB-49	2/27/18	11.4	-	13.0	279.28	267.88	-	266.28	Soil	EPA 5035	EPA 8260B	0.52	0.0099	<0.003	<0.003
	2/27/18	25.0	-	26.0	279.28	254.28	-	253.28	Soil	EPA 5035	EPA 8260B	0.0721	<0.0028	<0.0028	<0.0028
SB-50	2/27/18	5.0	-	5.6	280.07	275.07	-	274.47	Soil	EPA 5035	EPA 8260B	0.0971	<0.0037	<0.0037	<0.0037
	2/27/18	12.6	-	14.1	280.07	267.47	-	265.97	Soil	EPA 5035	EPA 8260B	0.0514	<0.0028	<0.0028	<0.0028
SB-51	2/28/18	5.0	-	5.4	279.40	274.4	-	274	Soil	EPA 5035	EPA 8260B	0.0300	<0.0031	<0.0031	<0.0031
	2/28/18	10.0	-	11.8	279.40	269.4	-	267.6	Soil	EPA 5035	EPA 8260B	0.0929	<0.0027	<0.0027	<0.0027
SB-52	2/28/18	5.0	-	6.1	279.59	274.59	-	273.49	Soil	EPA 5035	EPA 8260B	0.0249	<0.0033	<0.0033	<0.0033
	2/28/18	10.0	-	10.8	279.59	269.59	-	268.79	Soil	EPA 5035	EPA 8260B	0.0413	<0.0027	<0.0027	<0.0027
SB-53	2/28/18	1.6	-	2.9	279.38	277.78	-	276.48	Soil	EPA 5035	EPA 8260B	0.0360	<0.0033	<0.0033	<0.0033
	2/28/18	10.0	-	10.4	279.38	269.38	-	268.98	Soil	EPA 5035	EPA 8260B	0.114	<0.0033	<0.0033	<0.0033

Notes:

1. Soil analytical results are presented in milligrams per kilogram (mg/kg).
2. The applicable MTCA CLs are MTCA Method A CLs, and MTCA Method B CLs where MTCA Method A CLs are not listed.
3. A bold font style indicates that the concentration exceeds the applicable MTCA Cleanup Level.



Figures



TheELAMGroup

LEGEND

- Monitoring Well
- Soil Boring
- Injection Well
- Underground Sanitary Sewer Line
- Underground Water Line
- Underground Natural Gas Line
- Overhead Electric Line
- Utility Pole
- Tree
- Former Building Location
- Vapor Intrusion Assessment Location

Notes:



0 30 60

Figure No: 1

Title: Site Plan

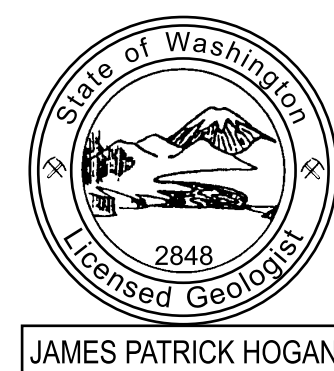
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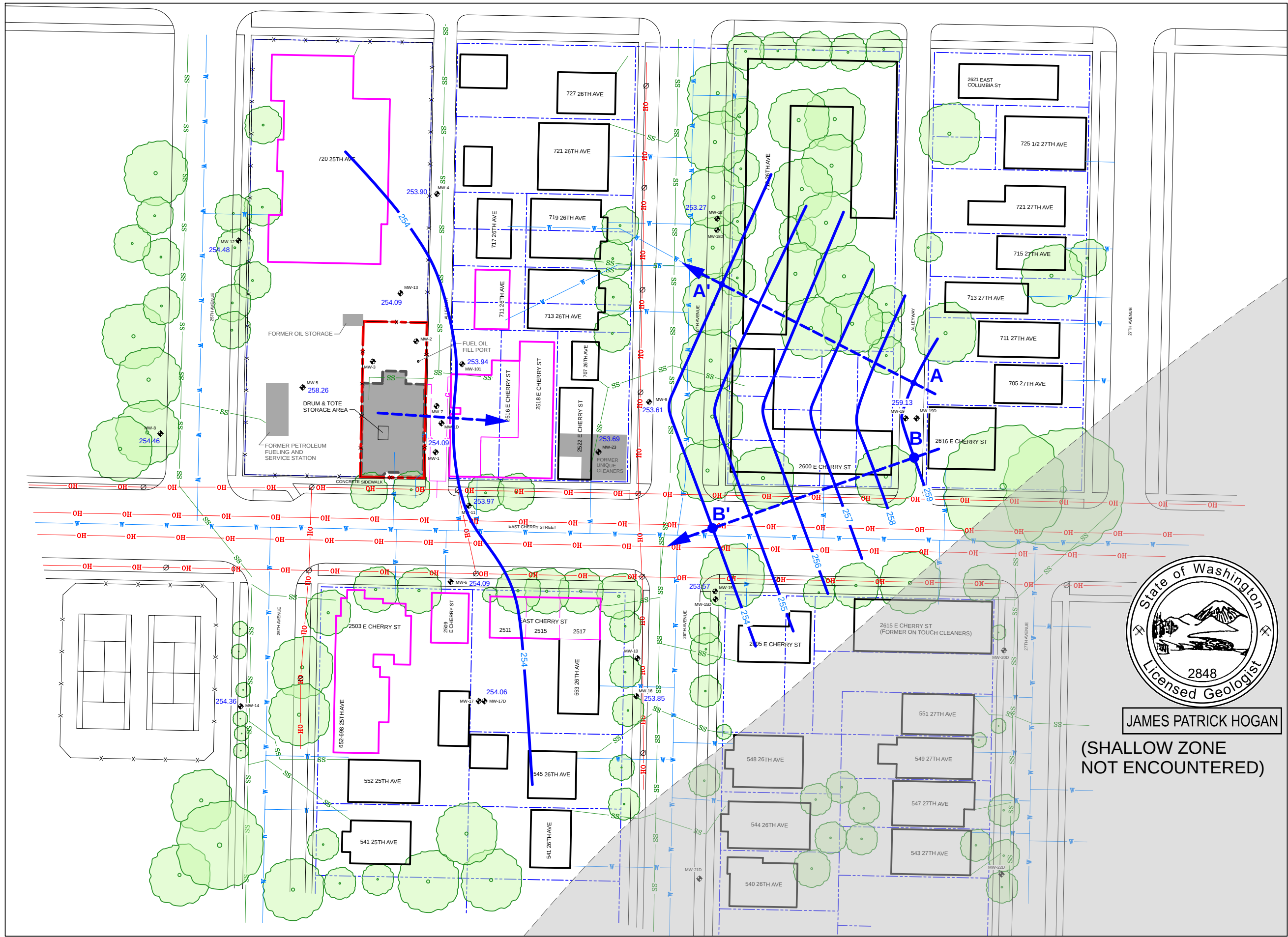
Project No: WAKS2510C

Report: Annual Report

Drawn by: The ELAM Group

Date: 07/01/2019





LEGEND

- Monitoring Well
- Underground Sanitary Sewer Line
- Underground Water Line
- Underground Natural Gas Line
- Overhead Electric Line
- Utility Pole
- Tree
- Former Building Location
- Vapor Intrusion Assessment Location
- Water Table Elevation (ft.)
- Water Table Contour (ft.)
- Approx Ground-water Flow Direction

Notes:

$A - A' = \frac{259' - 254'}{137'} = 0.0365$

$B - B' = \frac{259' - 254'}{136'} = 0.0368$

The water level for MW-5 is inconsistent with historic measurements relative to the rest of the well network. The measurement is therefore considered erroneous and was not included in this interpretation.

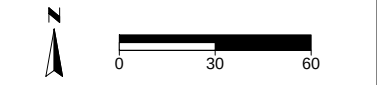


Figure No: 2D
Title: 3Q 2017 WTE Shallow
Scale: 1" = 60'
Project No: WAKS2510C
Report: Annual Report
Drawn by: The ELAM Group
Date: 06/27/2019



JAMES PATRICK HOGAN
(SHALLOW ZONE NOT ENCOUNTERED)



TheELAMGroup

LEGEND

 Monitoring Well

 Underground Sanitary Sewer Line

 Underground Water Line

 Underground Natural Gas Line

 Overhead Electric Line

 Utility Pole

 Tree

 Former Building Location

 Vapor Intrusion Assessment Location

Notes:

PCE Tetrachloroethene
TCE Trichloroethene
c-DCE cis-1,2 Dichloroethene
t-DCE trans-1,2 Dichloroethene
VC Vinyl Chloride

All results are shown for PCE, TCE and their daughter compounds. Bold font COCs exceed MTCA Cleanup Levels. All results given in ug/L

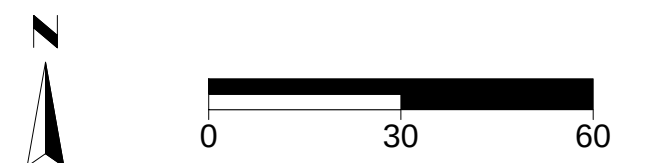


Figure No: 3

Title: Groundwater Analytical Data

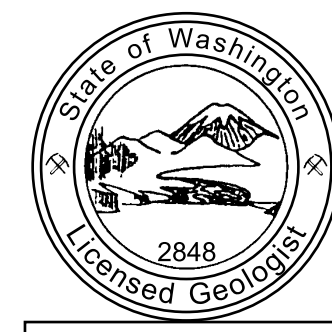
Scale: 1" = 30'

Project No: WAKS2510C

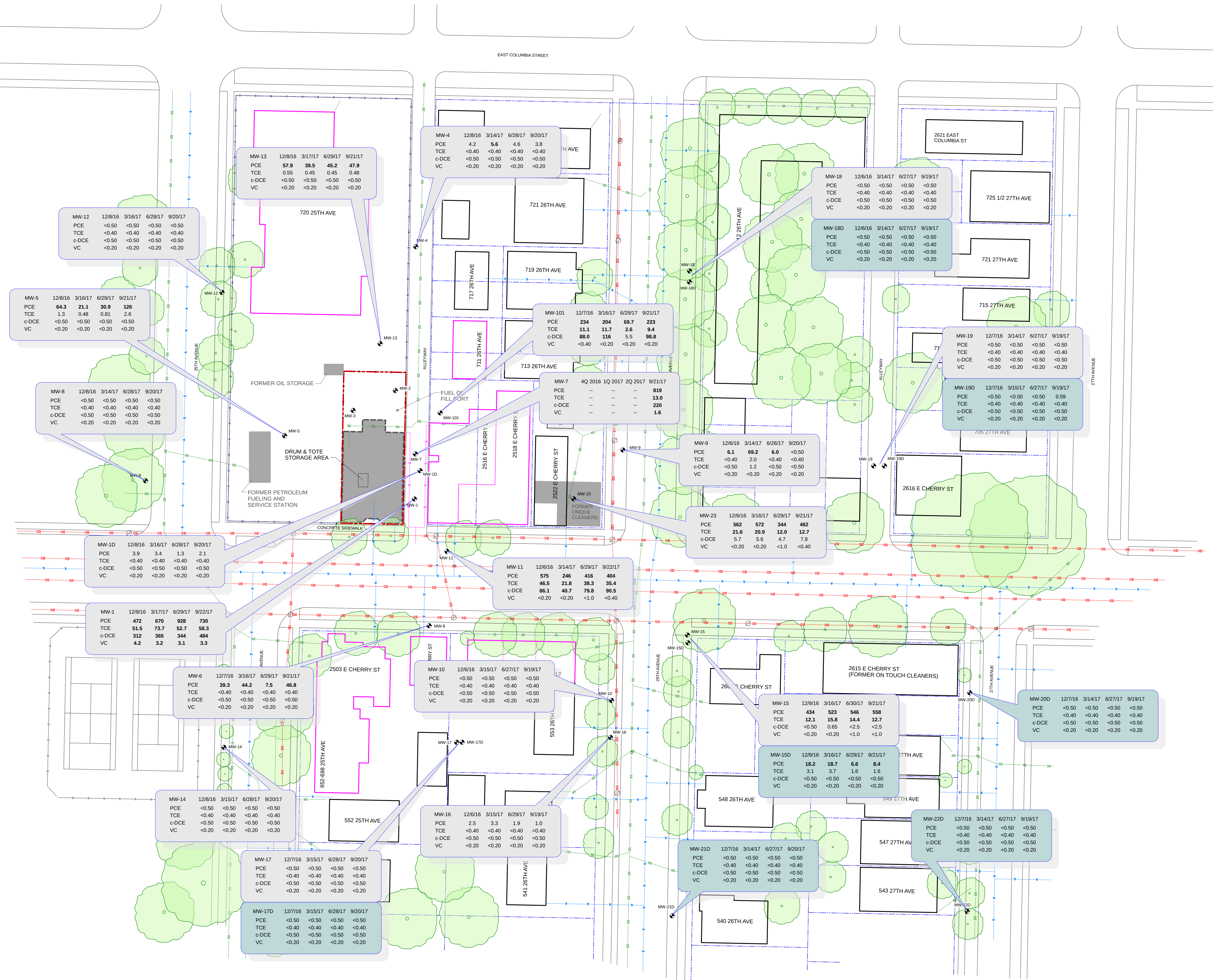
Report: Annual Report

Drawn by: The ELAM Group

Date: 07/01/2019



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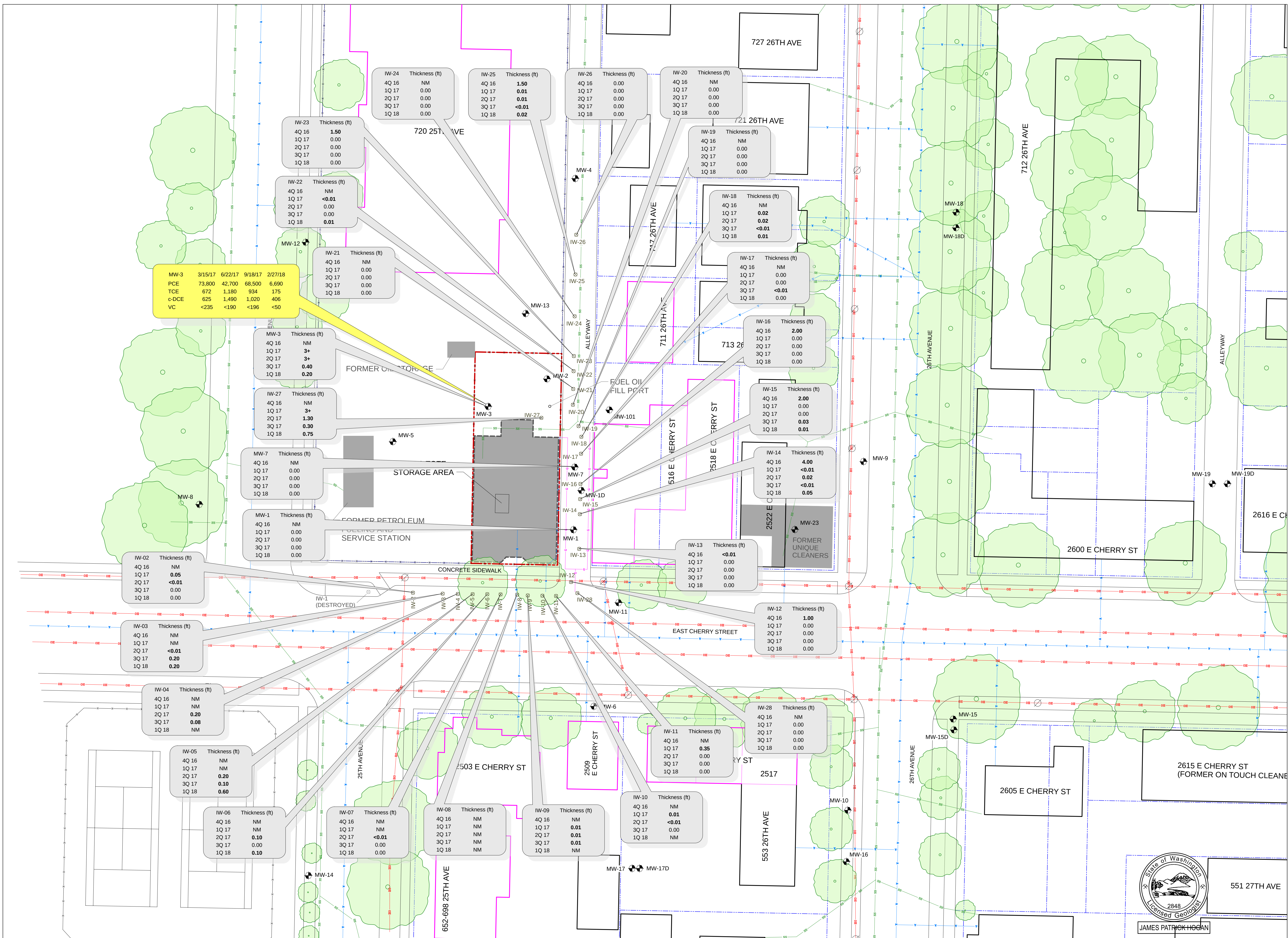




Vapor Intrusion Assessment Location

Category	Number of people
Went to the party	30
Did not go	20

Date: 07/01/2019



 Monitoring Well

Injection Well

Underground Sanitary Sewer Line

Underground Water Line

Underground
Natural Gas
Line

Overhead

Utility Pole

Tree

Former Building
Location

Vapor Intrusion Assessment Location

PCE	Tetrachloroethene
TCE	Trichloroethene
c-DCE	cis-1,2 Dichloroethene
t-DCE	trans-1,2 Dichloroethene
VC	Vinyl Chloride

● = 2.310 gallons of EOS injected in July 2010

● = 1.155 gallons of EOS
injected in July 2010

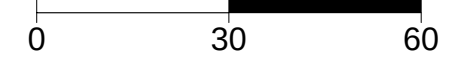


Figure No: 5

Title: EOS Performance Monitoring

Scale: 1" = 30'

Project No: WAKS2510C

Report: Annual Report

Drawn by: The ELAM Group

Date: 07/01/2019



JAMES PATRICK HOGAN



Appendix A

Groundwater Monitoring Procedures



Appendix A

Groundwater Monitoring Procedures

Quarterly groundwater monitoring includes measuring water levels, purging wells and sampling groundwater. Procedures used for these activities were completed in accordance with Ecology's guidelines (Ecology 2018).

A.1 Groundwater Gauging

Prior to collecting groundwater samples, water levels were measured in each of the monitoring wells. An ELAM scientist first accessed each well in the order of gauging¹ and followed this procedure to expose the well water to atmospheric conditions:

1. Don a pair of unused disposable nitrile gloves
2. Unbolt the flushmount cover for the monitoring well
3. If necessary, remove standing water within the flushmount skirt
4. Remove the expandable plug secured to the monitoring well casing

For gauging, an ELAM scientist adhered to the following procedure:

1. Don a pair of unused disposable nitrile gloves
2. Decontaminate a water level probe and tape measure reel with a Liquinox[®] solution and rinse with distilled water
3. Carefully lower the probe down the wellhead until an audible signal is heard
4. Measure the depth to water to the nearest 0.01 foot
5. Lower the probe further down the wellhead until the probe touches the bottom of the well
6. Measure the depth to the bottom of the well to the nearest 0.01 foot
7. Record both the depth-to-water and depth-to-bottom measurements on a field form

¹ In this unconfined aquifer, the period between accessing and gauging at each location is sufficient for the wellhead pressure to equilibrate with atmospheric conditions.



8. Decontaminate the water level probe with a Liquinox® solution and rinse with distilled water
9. Replace the expandable well plug and bolt down the flushmount cover
10. Repeat steps 3 through 9 at each well until gauging is complete

A.2 Groundwater Purging and Sampling

Low-flow sampling equipment includes a bladder pump with polyethylene bladders, dedicated Teflon-lined polyethylene tubing, water quality monitoring probes and a flow cell. An ELAM scientist purged each well using the following procedure:

1. Don a pair of unused, disposable nitrile gloves
2. Disassemble bladder pump, decontaminate all parts in a Liquinox® solution, rinse with distilled water and reassemble with an unused polyethylene, dedicated, disposable bladder
3. Decontaminate the water level probe with a Liquinox® solution and rinse with distilled water
4. Connect bladder pump to unused Teflon®-lined, dedicated, disposable tubing and lower the pump and tubing down to the middle of the screened portion of the water column
5. Lower the water level probe to the measured static water level
6. Connect the tubing to a flow cell
7. Setup the well construction and physical parameters in a handheld computer device connected to the flow cell
8. Initiate purging at an approximate rate between 100 and 400 milliliters per minute (“ml/min”)
9. Allow the flow cell to fill with purged water and then start the handheld device for stabilization monitoring of pH, specific conductivity, turbidity, dissolved oxygen (“DO”), temperature and oxidation-reduction potential (“ORP”)
10. Continuously record the depth-to-water measurements throughout purging to ensure that the water level remains within 0.3 feet of the static water level
11. Upon stabilization, stop the monitoring on the handheld device
12. Using a three-way ball valve, redirect water from the flow cell to the sample conveyance tubing and purge at least two cycles through the sample tubing
13. Collect a groundwater sample directly from the sample tubing into three 40-ml laboratory-provided containers preserved with hydrochloric acid (“HCl”)



-
14. Discontinue pumping
 15. Affix labels to each sample vial, record the label names on a chain-of-custody form, place samples in a cooler with ice
 16. Remove the pump and water level meter
 17. Discard all disposable tubing and bladder
 18. Insert expandable well plug in wellhead and bolt down flushmount cover

A.3 QA/QC Samples

In addition to the groundwater sampling, quality assurance and quality control (“QA/QC”) samples, including field duplicate samples, trip blanks and equipment blanks, were collected.

Field duplicates were collected to assess proper sampling procedures. Field duplicate samples were collected concurrently with the samples from monitoring wells MW-1 (4Q 2016 through 3Q 2017), MW-11(4Q 2016), and MW-15 (1Q 2017 through 3Q 2017) during each sampling event conducted during the monitoring period.

Trip blanks were provided by the laboratory and consisted of distilled water in laboratory-provided containers preserved with HCl. One set of trip blanks was placed in each sample cooler to assess potential cross-contamination during storage and transit.

Equipment blanks were collected as follows:

1. Don a pair of unused, disposable nitrile gloves
2. Disassemble bladder pump, decontaminate all parts in a Liquinox® solution, rinse with distilled water and reassemble with an unused polyethylene, dedicated, disposable bladder
3. Decontaminate an equipment blank tube (i.e., a 4-inch diameter, 2-feet long PVC tube equipped with an end cap)
4. Fill equipment blank tube with distilled water
5. Connect bladder pump to unused Teflon®-lined, dedicated, disposable tubing and lower the pump and tubing down into the equipment blank tube
6. Initiate purging at an approximate rate between 100 and 400 ml/min and allow for approximately 500 ml of distilled water to cycle through tubing
7. Collect a sample directly from the tubing into three 40-ml laboratory-provided containers preserved with HCl



-
8. Discontinue pumping
 9. Affix labels to each sample vial, record the label names on a chain-of-custody form, place samples in a cooler with ice
 10. Discard distilled water

A.4 Waste Management

All decontamination water and purge water waste was containerized in Washington State Department of Transportation (“WSDOT”) approved 55-gallon drums affixed with “Pending Analysis” labels. All investigation waste drums were removed for disposal in accordance with the Washington State Department of Ecology’s (“Ecology’s”) site-specific “Contained-In” Determination.



Appendix B

Low-Flow Stability Data



Appendix B.1

4Q 2016 Low-Flow Test Report

Low-Flow Test Report:

Test Date / Time: 2016-12-08 11:39:21
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-4 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 25 FT Total Depth: 32.22 FT Initial Depth to Water: 21.09 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 33 FT Pump Intake From TOC: 30 FT Estimated Total Volume Pumped: 0.703 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
37°F, partly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 11:39:21	00:00	6.42 pH	53.79 °F	171.79 µS/cm	7.87 mg/L	1,034.2 NTU	213.2 mV	21.09 ft	0.10 gal/min
2016-12-08 11:40:47	01:26	6.32 pH	54.72 °F	169.27 µS/cm	7.73 mg/L	925.18 NTU	223.0 mV	21.09 ft	0.10 gal/min
2016-12-08 11:41:08	01:46	6.39 pH	54.47 °F	169.23 µS/cm	7.73 mg/L	693.92 NTU	221.5 mV	21.09 ft	0.10 gal/min
2016-12-08 11:42:05	02:43	6.35 pH	54.70 °F	168.51 µS/cm	7.74 mg/L	727.09 NTU	279.2 mV	21.09 ft	0.10 gal/min
2016-12-08 11:43:31	04:10	6.17 pH	54.83 °F	166.63 µS/cm	7.81 mg/L	651.85 NTU	260.6 mV	21.09 ft	0.10 gal/min
2016-12-08 11:44:57	05:36	6.15 pH	54.98 °F	164.58 µS/cm	7.82 mg/L	575.93 NTU	261.4 mV	21.09 ft	0.10 gal/min
2016-12-08 11:46:23	07:02	6.14 pH	55.34 °F	164.97 µS/cm	7.87 mg/L	541.52 NTU	256.1 mV	21.09 ft	0.10 gal/min

Samples

Sample ID:	Description:

MW4:G120816	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2016-12-06 14:29:43
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-18D Latitude: Longitude: Well Diameter: 2 IN Casing Type: PVC Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 57.47 FT Initial Depth to Water: 22.14 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 57.75 FT Pump Intake From TOC: 56.25 Estimated Total Volume Pumped: 0.6 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GAL_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-06 14:29:43	00:00	6.65 pH	4.85 °C	0.49 µS/cm	12.26 mg/L	0.66 NTU	245.0 mV	22.14 ft	0.10 gal/min
2016-12-06 14:34:55	05:12	6.60 pH	4.66 °C	0.49 µS/cm	12.45 mg/L	0.64 NTU	244.8 mV	22.14 ft	0.10 gal/min
2016-12-06 14:40:07	10:24	6.56 pH	4.52 °C	0.50 µS/cm	12.53 mg/L	0.67 NTU	243.7 mV	22.14 ft	0.10 gal/min
2016-12-06 14:45:19	15:36	6.51 pH	4.39 °C	0.50 µS/cm	12.55 mg/L	0.72 NTU	243.9 mV	22.14 ft	0.10 gal/min
2016-12-06 14:50:31	20:48	6.48 pH	4.26 °C	0.51 µS/cm	12.54 mg/L	0.75 NTU	243.7 mV	22.14 ft	0.10 gal/min
2016-12-06 14:55:43	26:00	6.44 pH	4.69 °C(40.4°F)	0.50 µS/cm	12.23 mg/L	0.81 NTU	243.9 mV	22.14 ft	0.10 gal/min

Samples

Sample ID:	Description:
GW:18D120616	

Low-Flow Test Report:

Test Date / Time: 2016-12-06 11:37:38
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-11A Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 20.05 FT Top of Screen: 28.97 FT Total Depth: 40.05 FT Initial Depth to Water: 28.97 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 36° FT Pump Intake From TOC: 34.5 FT Estimated Total Volume Pumped: 0.6 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GAL _PER_MIN Final Draw Down: 0.0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
38°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10		
2016-12-06 11:37:38	00:00	6.71 pH	7.98 °C	0.42 µS/cm	12.16 mg/L	51.75 NTU	242.0 mV	28.97 ft	0.1 gal/min
2016-12-06 11:39:10	01:32	6.70 pH	8.01 °C	0.42 µS/cm	12.08 mg/L	52.77 NTU	242.1 mV	28.97 ft	0.1 gal/min
2016-12-06 11:41:08	03:29	6.67 pH	8.15 °C	0.41 µS/cm	12.06 mg/L	51.16 NTU	241.3 mV	28.97 ft	0.1 gal/min
2016-12-06 11:43:06	05:28	6.65 pH	8.16 °C	0.41 µS/cm	12.14 mg/L	51.33 NTU	240.7 mV	28.97 ft	0.1 gal/min
2016-12-06 11:45:04	07:26	6.61 pH	8.19 °C	0.41 µS/cm	12.14 mg/L	57.49 NTU	240.4 mV	28.97 ft	0.1 gal/min
2016-12-06 11:47:02	09:24	6.59 pH	8.29 °C(46.9°F)	0.41 µS/cm	12.01 mg/L	55.58 NTU	240.0 mV	28.97 ft	0.1 gal/min

Samples

Sample ID:	Description:
MW11:G120616	
FD:G120616	

Low-Flow Test Report:

Test Date / Time: 2016-12-06 13:39:13
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW-18 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 26 FT Total Depth: 29.09 FT Initial Depth to Water: 21.79 FT	Pump Type: Geotech 1.66"bladder Tubing Type: 3/8x1/4"polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 29 FT Pump Intake From TOC: 27.5 FT Estimated Total Volume Pumped: 0.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.06 Gal_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10		
2016-12-06 13:39:13	00:00	6.79 pH	5.59 °C	0.45 µS/cm	12.35 mg/L	157.76 NTU	243.5 mV	21.79 ft	0.06 gals/min
2016-12-06 13:42:36	03:22	6.75 pH	5.52 °C	0.45 µS/cm	12.39 mg/L	137.48 NTU	242.1 mV	21.79 ft	0.06 gals/min
2016-12-06 13:45:59	06:45	6.70 pH	5.39 °C	0.45 µS/cm	12.42 mg/L	131.98 NTU	242.7 mV	21.79 ft	0.06 gals/min
2016-12-06 13:49:22	10:08	6.74 pH	5.31 °C	0.45 µS/cm	12.44 mg/L	120.92 NTU	237.8 mV	21.79 ft	0.06 gals/min
2016-12-06 13:52:45	13:31	6.70 pH	5.27 °C(41.5°C)	0.45 µS/cm	12.39 mg/L	131.26 NTU	262.0 mV	21.79 ft	0.06 gals/min

Samples

Sample ID:	Description:
MW18:G120616	

Low-Flow Test Report:

Test Date / Time: 2016-12-06 14:29:43
Project:
Operator Name:

Location Name: MW-18D Latitude: Longitude: Well Diameter: 2 IN Casing Type: PVC Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 57.47 FT Initial Depth to Water: 22.14 FT	Pump Type: Tubing Type: Tubing Inner Diameter: 0.25 IN Tubing Length: 57 FT Pump Intake From TOC: Estimated Total Volume Pumped: 1 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 ML_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-06 14:29:43	00:00	6.65 pH	4.85 °C	0.49 µS/cm	12.26 mg/L	0.66 NTU	245.0 mV	22.14 ft	150.00 ml/min
2016-12-06 14:34:55	05:12	6.60 pH	4.66 °C	0.49 µS/cm	12.45 mg/L	0.64 NTU	244.8 mV	22.14 ft	150.00 ml/min
2016-12-06 14:40:07	10:24	6.56 pH	4.52 °C	0.50 µS/cm	12.53 mg/L	0.67 NTU	243.7 mV	22.14 ft	150.00 ml/min
2016-12-06 14:45:19	15:36	6.51 pH	4.39 °C	0.50 µS/cm	12.55 mg/L	0.72 NTU	243.9 mV	22.14 ft	150.00 ml/min
2016-12-06 14:50:31	20:48	6.48 pH	4.26 °C	0.51 µS/cm	12.54 mg/L	0.75 NTU	243.7 mV	22.14 ft	150.00 ml/min
2016-12-06 14:55:43	26:00	6.44 pH	4.69 °C	0.50 µS/cm	12.23 mg/L	0.81 NTU	243.9 mV	22.14 ft	150.00 ml/min

Samples

Sample ID:	Description:
GW:18D120616	

Low-Flow Test Report:

Test Date / Time: 2016-12-06 15:25:52
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-9 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 20 FT Top of Screen: 20 FT Total Depth: 38.64 FT Initial Depth to Water: 26.63 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 34.0 FT Pump Intake From TOC: 32.6 Estimated Total Volume Pumped: 1.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-06 15:25:52	00:00	6.60 pH	3.70 °C	0.47 µS/cm	12.54 mg/L	84.07 NTU	238.1 mV	26.63 ft	0.10 gal/min
2016-12-06 15:27:25	01:32	6.56 pH	3.68 °C	0.47 µS/cm	12.68 mg/L	82.29 NTU	237.4 mV	26.63 ft	0.10 gal/min
2016-12-06 15:28:58	03:05	6.66 pH	3.66 °C	0.48 µS/cm	12.75 mg/L	73.71 NTU	235.3 mV	26.63 ft	0.10 gal/min
2016-12-06 15:30:31	04:38	6.50 pH	3.62 °C	0.48 µS/cm	12.79 mg/L	72.83 NTU	235.7 mV	26.63 ft	0.10 gal/min
2016-12-06 15:32:04	06:11	6.49 pH	3.58 °C	0.47 µS/cm	12.83 mg/L	72.58 NTU	235.8 mV	26.63 ft	0.10 gal/min
2016-12-06 15:33:37	07:44	6.47 pH	3.54 °C	0.48 µS/cm	12.86 mg/L	72.84 NTU	235.7 mV	26.63 ft	0.10 gal/min
2016-12-06 15:35:10	09:17	6.46 pH	3.51 °C	0.48 µS/cm	12.85 mg/L	71.31 NTU	235.7 mV	26.63 ft	0.10 gal/min
2016-12-06 15:36:43	10:50	6.97 pH	3.48 °C	0.48 µS/cm	12.90 mg/L	69.72 NTU	-117.0 mV	26.63 ft	0.10 gal/min
2016-12-06 15:38:16	12:24	6.75 pH	3.45 °C	0.48 µS/cm	12.91 mg/L	67.23 NTU	155.5 mV	26.63 ft	0.10 gal/min
2016-12-06 15:39:49	13:56	6.43 pH	3.43 °C	0.48 µS/cm	12.93 mg/L	65.30 NTU	234.1 mV	26.63 ft	0.10 gal/min
2016-12-06 15:41:22	15:30	6.40 pH	3.41 °C	0.48 µS/cm	12.92 mg/L	65.28 NTU	234.2 mV	26.63 ft	0.10 gal/min
2016-12-06 15:42:55	17:02	6.37 pH	3.40 °C	0.48 µS/cm	12.81 mg/L	63.66 NTU	234.1 mV	26.63 ft	0.10 gal/min
2016-12-06 15:44:28	18:35	6.41 pH	3.39 °C	0.48 µS/cm	12.76 mg/L	62.01 NTU	242.9 mV	26.63 ft	0.10 gal/min
2016-12-06 15:46:01	20:08	6.39 pH	3.38 °C (38.1° F)	0.47 µS/cm	12.72 mg/L	60.27 NTU	233.4 mV	26.63 ft	0.10 gal/min

2016-12-06 15:47:34	21:41	6.35 pH	3.37 °C	0.48 µS/cm	12.62 mg/L	59.02 NTU	240.2 mV	26.63 ft	0.10 gal/min
2016-12-06 15:49:07	23:15	6.35 pH	3.36 °C	0.48 µS/cm	12.58 mg/L	62.82 NTU	232.6 mV	26.63 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW9:G120616	

Low-Flow Test Report:

Test Date / Time: 2016-12-06 16:25:26
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-23 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 25 FT Total Depth: 34.72 FT Initial Depth to Water: 28.68 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 33 FT Pump Intake From TOC: 31.5 FT Estimated Total Volume Pumped: 3.703 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
37°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-06 16:25:26	00:00	6.59 pH	40.22 °F	0.00 µS/cm	12.66 mg/L	189.38 NTU	248.4 mV	28.68 ft	0.10 gal/min
2016-12-06 16:28:48	03:21	6.57 pH	39.94 °F	0.00 µS/cm	12.59 mg/L	193.43 NTU	248.5 mV	28.68 ft	0.10 gal/min
2016-12-06 16:32:10	06:44	6.48 pH	39.66 °F	0.00 µS/cm	12.63 mg/L	200.60 NTU	248.6 mV	28.68 ft	0.10 gal/min
2016-12-06 16:35:32	10:06	6.39 pH	39.39 °F	0.00 µS/cm	12.67 mg/L	206.32 NTU	249.4 mV	28.68 ft	0.10 gal/min
2016-12-06 16:38:54	13:28	6.30 pH	39.08 °F	0.00 µS/cm	12.70 mg/L	212.52 NTU	248.2 mV	28.68 ft	0.10 gal/min
2016-12-06 16:42:16	16:50	6.22 pH	38.83 °F	0.00 µS/cm	12.74 mg/L	219.58 NTU	247.9 mV	28.68 ft	0.10 gal/min
2016-12-06 16:45:38	20:12	6.16 pH	38.54 °F	0.00 µS/cm	12.77 mg/L	225.38 NTU	247.6 mV	28.68 ft	0.10 gal/min
2016-12-06 16:49:00	23:34	6.10 pH	38.31 °F	0.00 µS/cm	12.79 mg/L	230.47 NTU	246.7 mV	28.68 ft	0.10 gal/min
2016-12-06 16:52:22	26:56	6.05 pH	38.11 °F	0.00 µS/cm	12.83 mg/L	236.07 NTU	247.9 mV	28.68 ft	0.10 gal/min
2016-12-06 16:55:44	30:18	5.99 pH	37.95 °F	0.00 µS/cm	12.84 mg/L	241.19 NTU	246.6 mV	28.68 ft	0.10 gal/min

2016-12-06 16:59:06	33:40	5.95 pH	37.78 °F	0.00 µS/cm	12.86 mg/L	246.40 NTU	246.1 mV	28.68 ft	0.10 gal/min
2016-12-06 17:02:28	37:01	5.93 pH	37.67 °F	0.00 µS/cm	12.86 mg/L	251.58 NTU	243.9 mV	28.68 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW23:G120616	

Low-Flow Test Report:

Test Date / Time: 2016-12-06 17:43:01
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-16 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 15 FT Top of Screen: 25 FT Total Depth: 39.76 FT Initial Depth to Water: 31.68 FT	Pump Type: Georech 1.66" bladder pump Tubing Type: 3/8" x1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 36 FT Pump Intake From TOC: 34.5 FT Estimated Total Volume Pumped: 1.7 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.05 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
35°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-06 17:43:01	00:00	6.91 pH	34.80 °F	0.51 µS/cm	13.96 mg/L	753.61 NTU	103.6 mV	31.68 ft	0.10 gal/min
2016-12-06 17:44:32	01:31	6.97 pH	34.83 °F	0.51 µS/cm	13.95 mg/L	763.12 NTU	6.6 mV	31.68 ft	0.10 gal/min
2016-12-06 17:46:03	03:01	6.97 pH	34.86 °F	0.51 µS/cm	13.97 mg/L	775.40 NTU	81.3 mV	31.68 ft	0.10 gal/min
2016-12-06 17:47:34	04:32	6.98 pH	34.87 °F	0.51 µS/cm	13.94 mg/L	784.84 NTU	79.8 mV	31.68 ft	0.10 gal/min
2016-12-06 17:49:05	06:03	6.95 pH	34.87 °F	0.51 µS/cm	14.00 mg/L	786.48 NTU	78.3 mV	31.68 ft	0.10 gal/min
2016-12-06 17:50:36	07:34	6.82 pH	34.88 °F	0.51 µS/cm	14.01 mg/L	797.10 NTU	78.0 mV	31.68 ft	0.10 gal/min
2016-12-06 17:52:07	09:06	6.86 pH	34.91 °F	0.51 µS/cm	14.08 mg/L	808.54 NTU	80.6 mV	31.68 ft	0.10 gal/min
2016-12-06 17:53:38	10:36	6.87 pH	34.94 °F	0.51 µS/cm	14.05 mg/L	820.67 NTU	88.0 mV	31.68 ft	0.10 gal/min
2016-12-06 17:55:09	12:07	6.87 pH	34.95 °F	0.51 µS/cm	14.06 mg/L	834.76 NTU	94.1 mV	31.68 ft	0.10 gal/min
2016-12-06 17:56:40	13:39	6.85 pH	34.96 °F	0.51 µS/cm	13.94 mg/L	847.43 NTU	99.6 mV	31.68 ft	0.10 gal/min

2016-12-06 17:58:11	15:09	6.18 pH	34.96 °F	0.51 µS/cm	13.98 mg/L	861.38 NTU	95.0 mV	31.68 ft	0.10 gal/min
2016-12-06 17:59:42	16:40	6.75 pH	34.99 °F	0.51 µS/cm	13.98 mg/L	872.35 NTU	98.5 mV	31.68 ft	0.10 gal/min
2016-12-06 18:01:13	18:11	6.77 pH	35.04 °F	0.51 µS/cm	13.95 mg/L	886.80 NTU	105.6 mV	31.68 ft	0.10 gal/min
2016-12-06 18:02:44	19:43	6.76 pH	35.06 °F	0.51 µS/cm	13.98 mg/L	900.72 NTU	111.3 mV	31.68 ft	0.10 gal/min
2016-12-06 18:05:27	22:25	6.70 pH	35.10 °F	0.50 µS/cm	13.97 mg/L	925.38 NTU	117.9 mV	31.68 ft	0.10 gal/min
2016-12-06 18:06:58	23:56	6.69 pH	35.13 °F	0.50 µS/cm	13.93 mg/L	940.79 NTU	122.0 mV	31.68 ft	0.10 gal/min
2016-12-06 18:08:29	25:28	6.69 pH	35.17 °F	0.51 µS/cm	14.00 mg/L	955.57 NTU	125.4 mV	31.68 ft	0.10 gal/min
2016-12-06 18:10:00	26:59	6.68 pH	35.21 °F	0.50 µS/cm	14.02 mg/L	971.20 NTU	128.0 mV	31.68 ft	0.10 gal/min
2016-12-06 18:11:31	28:29	6.54 pH	35.24 °F	0.50 µS/cm	14.02 mg/L	984.24 NTU	128.2 mV	31.68 ft	0.10 gal/min
2016-12-06 18:13:02	30:00	6.64 pH	35.28 °F	0.51 µS/cm	14.00 mg/L	997.96 NTU	132.0 mV	31.68 ft	0.10 gal/min
2016-12-06 18:14:33	31:31	6.63 pH	35.30 °F	0.51 µS/cm	14.02 mg/L	1,012.8 NTU	134.4 mV	31.68 ft	0.10 gal/min
2016-12-06 18:16:04	33:03	6.21 pH	35.35 °F	0.50 µS/cm	13.93 mg/L	1,028.6 NTU	135.9 mV	31.68 ft	0.10 gal/min
2016-12-06 18:17:35	34:34	6.60 pH	35.39 °F	0.51 µS/cm	13.90 mg/L	1,045.5 NTU	138.4 mV	31.68 ft	0.10 gal/min
2016-12-06 18:19:06	36:04	6.59 pH	35.45 °F	0.51 µS/cm	13.89 mg/L	1,060.7 NTU	140.6 mV	31.68 ft	0.10 gal/min
2016-12-06 18:20:37	37:35	6.57 pH	35.47 °F	0.50 µS/cm	13.90 mg/L	1,076.0 NTU	141.7 mV	31.68 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW16:G120616	

Low-Flow Test Report:

Test Date / Time: 2016-12-06 18:52:06
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-10 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 15 FT Top of Screen: 10 FT Total Depth: 25.26 FT Initial Depth to Water: 5.88 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 20 FT Pump Intake From TOC: 17.5 FT Estimated Total Volume Pumped: 3.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
34°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-06 18:52:06	00:00	7.99 pH	40.37 °F	3.51 µS/cm	13.70 mg/L	281.05 NTU	222.7 mV	5.88 ft	0.1 gal/min
2016-12-06 18:54:20	02:13	7.58 pH	38.98 °F	0.52 µS/cm	13.27 mg/L	276.08 NTU	227.4 mV	5.88 ft	0.1gal/min
2016-12-06 18:56:34	04:27	7.46 pH	38.68 °F	0.51 µS/cm	13.39 mg/L	280.59 NTU	228.9 mV	5.88 ft	0.1 gal/min
2016-12-06 18:58:37	06:30	7.41 pH	38.64 °F	0.52 µS/cm	13.47 mg/L	285.98 NTU	230.1 mV	5.88 ft	0.1 gal/min
2016-12-06 19:00:51	08:44	7.34 pH	38.63 °F	0.51 µS/cm	13.55 mg/L	290.91 NTU	229.6 mV	5.88 ft	0.1 gal/min
2016-12-06 19:03:05	10:58	7.29 pH	38.69 °F	0.52 µS/cm	13.59 mg/L	304.28 NTU	230.1 mV	5.88 ft	0.1 gal/min
2016-12-06 19:05:19	13:12	7.24 pH	38.66 °F	0.52 µS/cm	13.62 mg/L	302.35 NTU	231.6 mV	5.88 ft	0.1 gal/min
2016-12-06 19:07:33	15:26	7.20 pH	38.60 °F	0.51 µS/cm	13.65 mg/L	327.07 NTU	231.8 mV	5.88 ft	0.1 gal/min

Samples

Sample ID:	Description:

MW10G120616	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2016-12-07 08:51:00
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW21D Latitude: Longitude: Well Diameter: 2 IN Casing Type: PVC Screen Length: 5 FT Top of Screen: 61 FT Total Depth: 64.47 FT Initial Depth to Water: 35.68 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 64 FT Pump Intake From TOC: 62.5 FT Estimated Total Volume Pumped: 1.25 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.02 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
28°F, sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 08:51:00	00:00	8.76 pH	46.48 °F	1.21 µS/cm	4.52 mg/L	1,262.1 NTU	-144.1 mV	35.68 ft	0.02 gal/min
2016-12-07 08:53:14	02:13	8.21 pH	48.86 °F	0.40 µS/cm	1.57 mg/L	2,172.6 NTU	-179.2 mV	35.68 ft	0.02 gal/min
2016-12-07 08:54:11	03:11	8.00 pH	49.39 °F	0.40 µS/cm	1.31 mg/L	1,593.3 NTU	-181.5 mV	35.68 ft	0.02 gal/min
2016-12-07 08:55:01	04:00	7.99 pH	49.77 °F	0.39 µS/cm	1.23 mg/L	1,197.0 NTU	-181.4 mV	35.68 ft	0.02 gal/min
2016-12-07 08:57:15	06:15	7.94 pH	49.99 °F	1.04 µS/cm	1.02 mg/L	664.06 NTU	-179.6 mV	35.68 ft	0.02 gal/min
2016-12-07 08:59:29	08:28	7.83 pH	49.96 °F	1.03 µS/cm	0.90 mg/L	560.02 NTU	-174.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:01:43	10:42	7.86 pH	50.10 °F	1.01 µS/cm	0.80 mg/L	359.60 NTU	-178.1 mV	35.68 ft	0.02 gal/min
2016-12-07 09:03:57	12:56	7.88 pH	49.44 °F	1.00 µS/cm	1.23 mg/L	293.86 NTU	-166.9 mV	35.68 ft	0.02 gal/min
2016-12-07 09:06:11	15:11	7.84 pH	48.63 °F	0.99 µS/cm	1.55 mg/L	279.89 NTU	-158.5 mV	35.68 ft	0.02 gal/min
2016-12-07 09:08:25	17:25	7.85 pH	47.84 °F	1.00 µS/cm	1.63 mg/L	274.92 NTU	-153.6 mV	35.68 ft	0.02 gal/min
2016-12-07 09:10:39	19:38	7.84 pH	47.07 °F	1.00 µS/cm	1.65 mg/L	262.10 NTU	-150.9 mV	35.68 ft	0.02 gal/min

2016-12-07 09:12:53	21:52	7.85 pH	46.32 °F	1.01 µS/cm	1.68 mg/L	260.77 NTU	-147.9 mV	35.68 ft	0.02 gal/min
2016-12-07 09:15:07	24:07	7.84 pH	45.60 °F	1.01 µS/cm	1.68 mg/L	252.80 NTU	-147.0 mV	35.68 ft	0.02 gal/min
2016-12-07 09:17:21	26:20	7.86 pH	44.90 °F	1.02 µS/cm	1.65 mg/L	246.92 NTU	-145.7 mV	35.68 ft	0.02 gal/min
2016-12-07 09:19:35	28:35	7.87 pH	44.20 °F	1.02 µS/cm	1.62 mg/L	241.19 NTU	-144.8 mV	35.68 ft	0.02 gal/min
2016-12-07 09:21:49	30:49	7.87 pH	43.52 °F	1.03 µS/cm	1.60 mg/L	235.35 NTU	-144.4 mV	35.68 ft	0.02 gal/min
2016-12-07 09:24:03	33:02	7.88 pH	42.84 °F	1.03 µS/cm	1.57 mg/L	228.30 NTU	-144.4 mV	35.68 ft	0.02 gal/min
2016-12-07 09:26:17	35:17	7.87 pH	42.18 °F	1.04 µS/cm	1.54 mg/L	221.33 NTU	-143.5 mV	35.68 ft	0.02 gal/min
2016-12-07 09:28:31	37:31	7.89 pH	41.55 °F	1.05 µS/cm	1.51 mg/L	216.46 NTU	-145.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:30:45	39:45	7.88 pH	40.95 °F	1.05 µS/cm	1.49 mg/L	203.79 NTU	-145.0 mV	35.68 ft	0.02 gal/min
2016-12-07 09:32:59	41:59	7.88 pH	40.39 °F	1.05 µS/cm	1.46 mg/L	194.29 NTU	-143.0 mV	35.68 ft	0.02 gal/min
2016-12-07 09:35:13	44:13	7.88 pH	39.86 °F	1.05 µS/cm	1.45 mg/L	188.70 NTU	-144.2 mV	35.68 ft	0.02 gal/min
2016-12-07 09:37:27	46:26	7.81 pH	39.76 °F	446.82 µS/cm	1.43 mg/L	186.44 NTU	-94.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:39:41	48:41	7.79 pH	39.28 °F	445.03 µS/cm	1.41 mg/L	181.47 NTU	-83.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:41:55	50:55	7.78 pH	38.67 °F	444.21 µS/cm	1.43 mg/L	178.47 NTU	-70.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:44:09	53:09	7.76 pH	38.26 °F	444.21 µS/cm	1.39 mg/L	171.99 NTU	-56.8 mV	35.68 ft	0.02 gal/min
2016-12-07 09:46:23	55:22	7.76 pH	37.89 °F	441.26 µS/cm	1.37 mg/L	168.74 NTU	-53.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:48:37	57:36	7.75 pH	37.53 °F	443.77 µS/cm	1.36 mg/L	165.26 NTU	-49.1 mV	35.68 ft	0.02 gal/min
2016-12-07 09:50:51	59:50	7.77 pH	37.21 °F	443.62 µS/cm	1.36 mg/L	160.63 NTU	-56.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:53:05	01:02:05	7.77 pH	36.91 °F	443.73 µS/cm	1.36 mg/L	156.74 NTU	-61.6 mV	35.68 ft	0.02 gal/min
2016-12-07 09:55:19	01:04:19	7.77 pH	36.60 °F	443.95 µS/cm	1.37 mg/L	152.90 NTU	-49.4 mV	35.68 ft	0.02 gal/min
2016-12-07 09:57:33	01:06:33	7.78 pH	36.32 °F	443.41 µS/cm	1.38 mg/L	149.97 NTU	-50.0 mV	35.68 ft	0.02 gal/min

Samples

Sample ID:	Description:
MW21D:120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 08:51:00
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW21D Latitude: Longitude: Well Diameter: 2 IN Casing Type: PVC Screen Length: 5 FT Top of Screen: 61 FT Total Depth: 64.47 FT Initial Depth to Water: 35.68 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 64 FT Pump Intake From TOC: 62.5 FT Estimated Total Volume Pumped: 1.25 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.02 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
28°F, sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 08:51:00	00:00	8.76 pH	46.48 °F	1.21 µS/cm	4.52 mg/L	1,262.1 NTU	-144.1 mV	35.68 ft	0.02 gal/min
2016-12-07 08:53:14	02:13	8.21 pH	48.86 °F	0.40 µS/cm	1.57 mg/L	2,172.6 NTU	-179.2 mV	35.68 ft	0.02 gal/min
2016-12-07 08:54:11	03:11	8.00 pH	49.39 °F	0.40 µS/cm	1.31 mg/L	1,593.3 NTU	-181.5 mV	35.68 ft	0.02 gal/min
2016-12-07 08:55:01	04:00	7.99 pH	49.77 °F	0.39 µS/cm	1.23 mg/L	1,197.0 NTU	-181.4 mV	35.68 ft	0.02 gal/min
2016-12-07 08:57:15	06:15	7.94 pH	49.99 °F	1.04 µS/cm	1.02 mg/L	664.06 NTU	-179.6 mV	35.68 ft	0.02 gal/min
2016-12-07 08:59:29	08:28	7.83 pH	49.96 °F	1.03 µS/cm	0.90 mg/L	560.02 NTU	-174.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:01:43	10:42	7.86 pH	50.10 °F	1.01 µS/cm	0.80 mg/L	359.60 NTU	-178.1 mV	35.68 ft	0.02 gal/min
2016-12-07 09:03:57	12:56	7.88 pH	49.44 °F	1.00 µS/cm	1.23 mg/L	293.86 NTU	-166.9 mV	35.68 ft	0.02 gal/min
2016-12-07 09:06:11	15:11	7.84 pH	48.63 °F	0.99 µS/cm	1.55 mg/L	279.89 NTU	-158.5 mV	35.68 ft	0.02 gal/min
2016-12-07 09:08:25	17:25	7.85 pH	47.84 °F	1.00 µS/cm	1.63 mg/L	274.92 NTU	-153.6 mV	35.68 ft	0.02 gal/min
2016-12-07 09:10:39	19:38	7.84 pH	47.07 °F	1.00 µS/cm	1.65 mg/L	262.10 NTU	-150.9 mV	35.68 ft	0.02 gal/min

2016-12-07 09:12:53	21:52	7.85 pH	46.32 °F	1.01 µS/cm	1.68 mg/L	260.77 NTU	-147.9 mV	35.68 ft	0.02 gal/min
2016-12-07 09:15:07	24:07	7.84 pH	45.60 °F	1.01 µS/cm	1.68 mg/L	252.80 NTU	-147.0 mV	35.68 ft	0.02 gal/min
2016-12-07 09:17:21	26:20	7.86 pH	44.90 °F	1.02 µS/cm	1.65 mg/L	246.92 NTU	-145.7 mV	35.68 ft	0.02 gal/min
2016-12-07 09:19:35	28:35	7.87 pH	44.20 °F	1.02 µS/cm	1.62 mg/L	241.19 NTU	-144.8 mV	35.68 ft	0.02 gal/min
2016-12-07 09:21:49	30:49	7.87 pH	43.52 °F	1.03 µS/cm	1.60 mg/L	235.35 NTU	-144.4 mV	35.68 ft	0.02 gal/min
2016-12-07 09:24:03	33:02	7.88 pH	42.84 °F	1.03 µS/cm	1.57 mg/L	228.30 NTU	-144.4 mV	35.68 ft	0.02 gal/min
2016-12-07 09:26:17	35:17	7.87 pH	42.18 °F	1.04 µS/cm	1.54 mg/L	221.33 NTU	-143.5 mV	35.68 ft	0.02 gal/min
2016-12-07 09:28:31	37:31	7.89 pH	41.55 °F	1.05 µS/cm	1.51 mg/L	216.46 NTU	-145.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:30:45	39:45	7.88 pH	40.95 °F	1.05 µS/cm	1.49 mg/L	203.79 NTU	-145.0 mV	35.68 ft	0.02 gal/min
2016-12-07 09:32:59	41:59	7.88 pH	40.39 °F	1.05 µS/cm	1.46 mg/L	194.29 NTU	-143.0 mV	35.68 ft	0.02 gal/min
2016-12-07 09:35:13	44:13	7.88 pH	39.86 °F	1.05 µS/cm	1.45 mg/L	188.70 NTU	-144.2 mV	35.68 ft	0.02 gal/min
2016-12-07 09:37:27	46:26	7.81 pH	39.76 °F	446.82 µS/cm	1.43 mg/L	186.44 NTU	-94.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:39:41	48:41	7.79 pH	39.28 °F	445.03 µS/cm	1.41 mg/L	181.47 NTU	-83.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:41:55	50:55	7.78 pH	38.67 °F	444.21 µS/cm	1.43 mg/L	178.47 NTU	-70.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:44:09	53:09	7.76 pH	38.26 °F	444.21 µS/cm	1.39 mg/L	171.99 NTU	-56.8 mV	35.68 ft	0.02 gal/min
2016-12-07 09:46:23	55:22	7.76 pH	37.89 °F	441.26 µS/cm	1.37 mg/L	168.74 NTU	-53.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:48:37	57:36	7.75 pH	37.53 °F	443.77 µS/cm	1.36 mg/L	165.26 NTU	-49.1 mV	35.68 ft	0.02 gal/min
2016-12-07 09:50:51	59:50	7.77 pH	37.21 °F	443.62 µS/cm	1.36 mg/L	160.63 NTU	-56.3 mV	35.68 ft	0.02 gal/min
2016-12-07 09:53:05	01:02:05	7.77 pH	36.91 °F	443.73 µS/cm	1.36 mg/L	156.74 NTU	-61.6 mV	35.68 ft	0.02 gal/min
2016-12-07 09:55:19	01:04:19	7.77 pH	36.60 °F	443.95 µS/cm	1.37 mg/L	152.90 NTU	-49.4 mV	35.68 ft	0.02 gal/min
2016-12-07 09:57:33	01:06:33	7.78 pH	36.32 °F	443.41 µS/cm	1.38 mg/L	149.97 NTU	-50.0 mV	35.68 ft	0.02 gal/min

Samples

Sample ID:	Description:
MW21D:120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 09:45:31
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-20D Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 58.75 FT Initial Depth to Water: 30.82 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 58 FT Pump Intake From TOC: 56.5 FT Estimated Total Volume Pumped: 3.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.05 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
30°F, sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 09:45:31	00:00	7.83 pH	54.48 °F	212.29 µS/cm	9.40 mg/L		183.5 mV	30.82 ft	0.05 gal/min
2016-12-07 09:47:39	02:08	7.97 pH	54.71 °F	168.86 µS/cm	9.86 mg/L	693.33 NTU	177.4 mV	30.82 ft	0.05 gal/min
2016-12-07 09:48:57	03:25	8.00 pH	54.51 °F	348.51 µS/cm	10.33 mg/L		177.1 mV	30.82 ft	0.05 gal/min
2016-12-07 09:51:05	05:33	7.87 pH	55.63 °F	279.04 µS/cm	10.10 mg/L		176.1 mV	30.82 ft	0.05 gal/min
2016-12-07 09:53:13	07:41	7.99 pH	55.20 °F	348.68 µS/cm	9.86 mg/L	276.77 NTU	171.0 mV	30.82 ft	0.05 gal/min
2016-12-07 09:55:21	09:49	7.99 pH	55.07 °F	252.07 µS/cm	10.14 mg/L		171.0 mV	30.82 ft	0.05 gal/min
2016-12-07 09:57:29	11:58	7.87 pH	55.93 °F	126.00 µS/cm	10.10 mg/L		168.7 mV	30.82 ft	0.05 gal/min
2016-12-07 10:41:27	55:55	8.09 pH	46.83 °F	433.88 µS/cm	12.05 mg/L	40.02 NTU	156.1 mV	30.82 ft	0.05gal/min
2016-12-07 10:43:35	58:04	8.09 pH	46.39 °F	433.93 µS/cm	12.10 mg/L	37.41 NTU	156.6 mV	30.82 ft	0.05 gal/min
2016-12-07 10:45:43	01:00:11	8.09 pH	45.96 °F	433.55 µS/cm	12.17 mg/L	39.93 NTU	157.0 mV	30.82 ft	0.05 gal/min
2016-12-07 10:47:51	01:02:19	8.02 pH	49.40 °F	456.39 µS/cm	10.05 mg/L	63.12 NTU	155.3 mV	30.82 ft	0.05 gal/min

2016-12-07 10:49:59	01:04:27	8.05 pH	49.21 °F	455.57 µS/cm	9.90 mg/L	63.89 NTU	154.6 mV	30.82 ft	0.05 gal/min
2016-12-07 10:52:07	01:06:36	8.06 pH	48.50 °F	454.89 µS/cm	10.04 mg/L	82.58 NTU	154.6 mV	30.82 ft	0.05 gal/min
2016-12-07 10:54:15	01:08:44	8.06 pH	47.98 °F	453.86 µS/cm	10.01 mg/L	82.00 NTU	154.8 mV	30.82 ft	0.05 gal/min
2016-12-07 10:56:23	01:10:52	8.06 pH	47.47 °F	452.97 µS/cm	10.01 mg/L	83.34 NTU	154.9 mV	30.82 ft	0.05 gal/min
2016-12-07 10:58:31	01:12:59	8.06 pH	46.99 °F	452.28 µS/cm	10.01 mg/L	82.95 NTU	155.0 mV	30.82 ft	0.05 gal/min
2016-12-07 11:00:39	01:15:07	8.07 pH	46.57 °F	451.74 µS/cm	10.02 mg/L	85.42 NTU	155.2 mV	30.82 ft	0.05 gal/min
2016-12-07 11:02:47	01:17:15	8.07 pH	46.19 °F	451.22 µS/cm	10.03 mg/L	87.06 NTU	155.2 mV	30.82 ft	0.05 gal/min
2016-12-07 11:04:55	01:19:23	8.07 pH	45.83 °F	450.80 µS/cm	10.04 mg/L	88.24 NTU	155.2 mV	30.82 ft	0.05 gal/min
2016-12-07 11:07:03	01:21:32	8.07 pH	45.49 °F	450.43 µS/cm	10.05 mg/L	89.19 NTU	155.2 mV	30.82 ft	0.05 gal/min
2016-12-07 11:09:11	01:23:40	8.07 pH	45.16 °F	450.10 µS/cm	10.08 mg/L	89.06 NTU	155.4 mV	30.82 ft	0.05 gal/min
2016-12-07 11:11:19	01:25:47	8.07 pH	44.86 °F	449.29 µS/cm	10.10 mg/L	91.49 NTU	155.3 mV	30.82 ft	0.05 gal/min

Samples

Sample ID:	Description:
MW20D:G120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 12:20:22
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW-22D Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 59.32 FT Initial Depth to Water: 33.01 FT	Pump Type: Geotech 1.66" bladder Tubing Type:3/8x1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 58.5 FT Pump Intake From TOC: 57 FT Estimated Total Volume Pumped: 2.6 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes: Depth to water did not decrease below the initial reading of 59.32 ft.

Weather Conditions:
Sunny, 36 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.1	
2016-12-07 12:20:22	00:00	7.48 pH	63.59 °F	0.37 µS/cm	9.44 mg/L	18.24 NTU	41.4 mV		0.05 gal/min
2016-12-07 12:21:22	00:59	7.64 pH	63.86 °F	0.37 µS/cm	9.40 mg/L	18.17 NTU	56.5 mV		0.05 gal/min
2016-12-07 12:22:22	02:00	7.40 pH	64.02 °F	0.36 µS/cm	9.26 mg/L	17.99 NTU	53.0 mV		0.05 gal/min
2016-12-07 12:24:56	04:34	7.46 pH	56.70 °F	126.56 µS/cm	9.18 mg/L		64.9 mV		0.05 gal/min
2016-12-07 12:25:56	05:33	7.39 pH	56.57 °F	120.09 µS/cm	8.95 mg/L		65.4 mV		0.05 gal/min
2016-12-07 12:26:56	06:34	7.25 pH	56.60 °F	72.43 µS/cm	8.58 mg/L		67.8 mV		0.05 gal/min
2016-12-07 12:27:56	07:33	7.30 pH	56.58 °F	132.34 µS/cm	9.02 mg/L		65.7 mV		0.05 gal/min
2016-12-07 12:28:46	08:24	7.59 pH	56.59 °F	11.16 µS/cm	9.85 mg/L	33.02 NTU	50.5 mV		0.05 gal/min
2016-12-07 12:29:42	09:19	7.58 pH	56.57 °F	12.49 µS/cm	10.01 mg/L	3.91 NTU	43.6 mV		0.05 gal/min
2016-12-07 12:30:42	10:19	7.48 pH	56.48 °F	270.18 µS/cm	9.46 mg/L	18.67 NTU	41.5 mV		0.05 gal/min
2016-12-07 12:31:41	11:19	7.44 pH	56.39 °F	110.09 µS/cm	9.43 mg/L	78.45 NTU	38.4 mV		0.05 gal/min
2016-12-07 12:32:03	11:40	7.52 pH	56.46 °F	271.06 µS/cm	9.92 mg/L	15.78 NTU	34.3 mV		0.05 gal/min

2016-12-07 12:33:02	12:40	7.51 pH	56.44 °F	213.61 µS/cm	9.92 mg/L	26.37 NTU	30.0 mV		0.05 gal/min
2016-12-07 12:34:02	13:39	7.50 pH	56.40 °F	188.87 µS/cm	9.59 mg/L	30.74 NTU	25.0 mV		0.05 gal/min
2016-12-07 12:35:01	14:39	7.44 pH	56.45 °F	191.82 µS/cm	9.12 mg/L		22.4 mV		0.05 gal/min
2016-12-07 12:35:48	15:25	7.27 pH	56.56 °F	142.00 µS/cm	9.78 mg/L		26.8 mV		0.05 gal/min
2016-12-07 12:38:28	18:06	7.47 pH	56.41 °F	261.34 µS/cm	9.51 mg/L		8.9 mV		0.05 gal/min
2016-12-07 12:43:38	23:15	7.27 pH	56.12 °F	76.92 µS/cm	8.73 mg/L		6.5 mV		0.05 gal/min
2016-12-07 12:44:38	24:16	7.62 pH	56.04 °F	163.04 µS/cm	10.13 mg/L		-6.2 mV		0.05 gal/min
2016-12-07 12:45:38	25:16	7.54 pH	56.21 °F	210.22 µS/cm	9.84 mg/L		-4.2 mV		0.05 gal/min
2016-12-07 12:46:38	26:15	7.52 pH	56.16 °F	273.57 µS/cm	9.88 mg/L		-4.7 mV		0.05 gal/min
2016-12-07 12:47:37	27:15	7.54 pH	56.15 °F	274.17 µS/cm	9.77 mg/L	9.56 NTU	-6.8 mV		0.05 gal/min
2016-12-07 12:48:37	28:14	7.52 pH	56.21 °F	268.19 µS/cm	9.61 mg/L	7.22 NTU	-7.2 mV		0.05 gal/min
2016-12-07 12:49:37	29:15	7.48 pH	56.26 °F	40.49 µS/cm	9.20 mg/L	85.43 NTU	-7.3 mV		0.05 gal/min
2016-12-07 12:50:37	30:15	7.35 pH	56.37 °F	191.06 µS/cm	8.74 mg/L		-3.1 mV		0.05 gal/min
2016-12-07 12:51:37	31:14	7.27 pH	56.44 °F	143.77 µS/cm	8.46 mg/L		0.0 mV		0.05 gal/min
2016-12-07 12:52:37	32:14	7.27 pH	56.39 °F	154.31 µS/cm	8.70 mg/L		0.2 mV		0.05 gal/min
2016-12-07 12:53:36	33:14	7.62 pH	56.21 °F	153.91 µS/cm	10.19 mg/L	74.00 NTU	-15.1 mV		0.05 gal/min
2016-12-07 12:54:36	34:13	7.55 pH	56.28 °F	103.12 µS/cm	10.16 mg/L		-10.7 mV		0.05 gal/min
2016-12-07 12:55:36	35:14	7.53 pH	56.30 °F	253.39 µS/cm	9.76 mg/L	101.14 NTU	-11.1 mV		0.05 gal/min
2016-12-07 12:56:36	36:13	7.52 pH	56.27 °F	274.35 µS/cm	9.80 mg/L	7.55 NTU	-9.7 mV		0.05 gal/min
2016-12-07 12:57:35	37:13	7.51 pH	56.14 °F	267.29 µS/cm	9.59 mg/L	16.51 NTU	-11.0 mV		0.05 gal/min
2016-12-07 12:58:35	38:13	7.48 pH	56.12 °F	60.03 µS/cm	9.31 mg/L	146.33 NTU	-9.9 mV		0.05 gal/min
2016-12-07 12:59:35	39:13	7.35 pH	56.24 °F	42.81 µS/cm	8.86 mg/L		-4.5 mV		0.05 gal/min
2016-12-07 13:00:35	40:12	7.23 pH	56.33 °F	211.53 µS/cm	8.46 mg/L		1.1 mV		0.05 gal/min
2016-12-07 13:01:35	41:12	7.26 pH	56.27 °F	100.50 µS/cm	8.97 mg/L		1.1 mV		0.05 gal/min
2016-12-07 13:02:34	42:12	7.57 pH	55.99 °F	217.60 µS/cm	10.21 mg/L		-14.6 mV		0.05 gal/min
2016-12-07 13:03:34	43:12	7.45 pH	56.15 °F	137.98 µS/cm	10.00 mg/L		-7.4 mV		0.05 gal/min
2016-12-07 13:04:34	44:12	7.47 pH	56.19 °F	274.90 µS/cm	9.76 mg/L	11.93 NTU	-7.7 mV		0.05 gal/min
2016-12-07 13:05:34	45:11	7.45 pH	56.21 °F	276.78 µS/cm	9.39 mg/L	12.82 NTU	-3.3 mV		0.05 gal/min
2016-12-07 13:06:34	46:11	7.45 pH	56.17 °F	251.25 µS/cm	9.61 mg/L	146.27 NTU	0.5 mV		0.05 gal/min

2016-12-07 13:07:35	47:12	7.45 pH	56.18 °F	275.68 µS/cm	9.42 mg/L	5.97 NTU	2.3 mV		0.05 gal/min
2016-12-07 13:08:35	48:13	7.35 pH	56.16 °F	114.11 µS/cm	8.89 mg/L		7.5 mV		0.05 gal/min
2016-12-07 13:09:35	49:13	7.26 pH	56.28 °F	98.51 µS/cm	8.61 mg/L		10.2 mV		0.05 gal/min
2016-12-07 13:10:35	50:12	7.23 pH	56.33 °F	70.27 µS/cm	8.56 mg/L		9.9 mV		0.05 gal/min
2016-12-07 13:11:35	51:13	7.50 pH	56.24 °F	205.53 µS/cm	9.91 mg/L		-4.4 mV		0.05 gal/min
2016-12-07 13:12:35	52:13	7.32 pH	56.27 °F	194.87 µS/cm	9.32 mg/L	7.09 NTU	6.9 mV		0.05 gal/min
2016-12-07 13:13:35	53:12	7.31 pH	56.58 °F	275.30 µS/cm	8.97 mg/L	3.70 NTU	14.8 mV		0.05 gal/min
2016-12-07 13:14:35	54:13	7.30 pH	57.06 °F	276.34 µS/cm	8.93 mg/L	3.53 NTU	18.6 mV		0.05 gal/min

Samples

Sample ID:	Description:
MW22D:G12072016	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 12:29:39
Project: WAKS2510C5.2
Operator Name: 0002

Location Name: MW-101 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 20 FT Total Depth: 29.29 FT Initial Depth to Water: 27.09 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 31 FT Pump Intake From TOC: 28 FT Estimated Total Volume Pumped: 1.853 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
35°F, sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 12:29:39	00:00	7.20 pH	50.59 °F	341.48 µS/cm	3.95 mg/L	2,908.8 NTU	-6.1 mV	27.09 ft	0.10 gal/min
2016-12-07 12:31:02	01:22	6.89 pH	51.32 °F	0.55 µS/cm	6.47 mg/L	1.27 NTU	-0.9 mV	27.09 ft	0.10 gal/min
2016-12-07 12:31:35	01:55	6.93 pH	50.96 °F	0.50 µS/cm	8.59 mg/L	4.66 NTU	3.9 mV	27.09 ft	0.10 gal/min
2016-12-07 12:32:58	03:18	6.43 pH	51.41 °F	521.97 µS/cm	6.35 mg/L	1,798.6 NTU	42.8 mV	27.09 ft	0.10 gal/min
2016-12-07 12:34:21	04:42	6.38 pH	51.27 °F	536.01 µS/cm	6.43 mg/L	1,433.1 NTU	63.4 mV	27.09 ft	0.10 gal/min
2016-12-07 12:35:44	06:04	6.37 pH	51.01 °F	536.59 µS/cm	5.92 mg/L	1,240.5 NTU	74.5 mV	27.09 ft	0.10 gal/min
2016-12-07 12:37:07	07:28	6.37 pH	50.87 °F	526.78 µS/cm	5.46 mg/L	924.80 NTU	83.3 mV	27.09 ft	0.10 gal/min
2016-12-07 12:38:30	08:51	6.32 pH	51.40 °F	524.26 µS/cm	2.45 mg/L	550.12 NTU	91.0 mV	27.09 ft	0.10 gal/min
2016-12-07 12:39:53	10:13	6.33 pH	52.33 °F	529.39 µS/cm	1.71 mg/L	428.19 NTU	89.3 mV	27.09 ft	0.10 gal/min
2016-12-07 12:41:16	11:36	6.32 pH	54.47 °F	544.42 µS/cm	1.23 mg/L	168.47 NTU	99.6 mV	27.09 ft	0.10 gal/min
2016-12-07 12:42:39	12:59	6.33 pH	55.39 °F	544.64 µS/cm	0.84 mg/L	77.20 NTU	98.7 mV	27.09 ft	0.10 gal/min

2016-12-07 12:44:02	14:22	6.35 pH	55.33 °F	542.79 µS/cm	0.81 mg/L	56.56 NTU	89.1 mV	27.09 ft	0.10 gal/min
2016-12-07 12:45:25	15:45	6.33 pH	55.77 °F	546.13 µS/cm	0.55 mg/L	30.65 NTU	91.1 mV	27.09 ft	0.10 gal/min
2016-12-07 12:46:48	17:08	6.35 pH	55.90 °F	542.91 µS/cm	0.53 mg/L	23.49 NTU	87.3 mV	27.09 ft	0.10 gal/min
2016-12-07 12:48:11	18:32	6.30 pH	55.93 °F	542.94 µS/cm	0.52 mg/L	22.88 NTU	88.7 mV	27.09 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW101:G120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 14:51:52
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-19D Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 57.01 FT Initial Depth to Water: 27.72 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 x 1/4" Polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 59 FT Pump Intake From TOC: 56 Total Volume Pumped: 2.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.2 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 14:51:52	00:00	7.23 pH	53.74 °F	167.89 µS/cm	11.70 mg/L	4,410.9 NTU	104.3 mV	27.72 ft	0.10 gal/min
2016-12-07 14:53:54	02:01	7.18 pH	53.83 °F	168.61 µS/cm	11.76 mg/L	4,657.0 NTU	127.9 mV	27.72 ft	0.10 gal/min
2016-12-07 14:55:56	04:04	7.09 pH	53.84 °F	183.28 µS/cm	11.51 mg/L	2,783.4 NTU	130.1 mV	27.72 ft	0.10 gal/min
2016-12-07 14:57:58	06:05	7.00 pH	54.86 °F	86.13 µS/cm	10.48 mg/L		135.6 mV	27.72 ft	0.10 gal/min
2016-12-07 15:00:00	08:07	6.86 pH	55.31 °F	54.97 µS/cm	11.16 mg/L		136.8 mV	27.72 ft	0.10 gal/min
2016-12-07 15:02:02	10:09	6.80 pH	55.37 °F	44.25 µS/cm	10.81 mg/L		171.8 mV	27.72 ft	0.10 gal/min
2016-12-07 15:04:04	12:11	6.74 pH	54.88 °F	86.82 µS/cm	10.61 mg/L		167.5 mV	27.72 ft	0.10 gal/min
2016-12-07 15:06:06	14:13	6.75 pH	55.36 °F	58.53 µS/cm	10.66 mg/L	2,080.5 NTU	163.8 mV	27.72 ft	0.10 gal/min
2016-12-07 15:08:08	16:15	6.74 pH	55.40 °F	31.81 µS/cm	10.56 mg/L	6,825.9 NTU	164.3 mV	27.72 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW19D:G120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 14:55:08
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW-19 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 25 FT Total Depth: 33.33 FT Initial Depth to Water: 20.07 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 x 1/4" Polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 30.7 FT Pump Intake From TOC: 29.2 FT Estimated Total Volume Pumped: 2.2 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GAL_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
Sunny, some wind, 32 deg

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 14:55:08	00:00	7.16 pH	55.70 °F	117.37 µS/cm	10.19 mg/L		105.8 mV	20.05 ft	0.10 gal/min
2016-12-07 14:56:16	01:07	6.97 pH	56.15 °F	113.34 µS/cm	9.93 mg/L		111.8 mV	20.05 ft	0.10 gal/min
2016-12-07 14:57:16	02:07	7.14 pH	55.79 °F	0.86 µS/cm	10.20 mg/L		108.0 mV	20.05 ft	0.10 gal/min
2016-12-07 14:58:16	03:07	6.98 pH	56.15 °F	90.79 µS/cm	9.98 mg/L		114.2 mV	20.05 ft	0.10 gal/min
2016-12-07 14:59:16	04:07	7.05 pH	56.16 °F	150.28 µS/cm	10.02 mg/L		110.7 mV	20.05 ft	0.10 gal/min
2016-12-07 14:59:42	04:33	6.98 pH	56.22 °F	98.44 µS/cm	9.96 mg/L		113.3 mV	20.05 ft	0.10 gal/min
2016-12-07 15:00:42	05:33	7.14 pH	55.93 °F	0.84 µS/cm	10.19 mg/L		110.9 mV	20.05 ft	0.10 gal/min
2016-12-07 15:01:42	06:33	6.98 pH	56.17 °F	108.01 µS/cm	9.98 mg/L		116.8 mV	20.05 ft	0.10 gal/min
2016-12-07 15:02:42	07:33	6.99 pH	56.59 °F	19.74 µS/cm	9.82 mg/L	4.48 NTU	113.6 mV	20.05 ft	0.10 gal/min
2016-12-07 15:03:42	08:33	6.96 pH	56.50 °F	0.88 µS/cm	9.91 mg/L		117.5 mV	20.05 ft	0.10 gal/min
2016-12-07 15:04:42	09:33	6.96 pH	56.74 °F	81.09 µS/cm	9.83 mg/L	95.28 NTU	115.8 mV	20.05 ft	0.10 gal/min

2016-12-07 15:05:42	10:33	6.98 pH	56.52 °F	49.25 µS/cm	10.09 mg/L		116.1 mV	20.05 ft	0.10 gal/min
2016-12-07 15:06:42	11:33	6.88 pH	56.62 °F	115.50 µS/cm	9.80 mg/L		121.5 mV	20.05 ft	0.10 gal/min
2016-12-07 15:07:42	12:33	7.05 pH	56.70 °F	1.45 µS/cm	9.96 mg/L	3.79 NTU	115.4 mV	20.05 ft	0.10 gal/min
2016-12-07 15:08:42	13:33	6.90 pH	56.66 °F	26.23 µS/cm	10.08 mg/L	490.51 NTU	121.3 mV	20.05 ft	0.10 gal/min
2016-12-07 15:09:41	14:33	6.99 pH	56.82 °F	12.99 µS/cm	9.93 mg/L	14.57 NTU	117.7 mV	20.05 ft	0.10 gal/min
2016-12-07 15:10:41	15:32	7.00 pH	56.66 °F	1.34 µS/cm	10.04 mg/L		120.5 mV	20.05 ft	0.10 gal/min
2016-12-07 15:11:41	16:32	6.91 pH	56.65 °F	121.13 µS/cm	9.91 mg/L		123.2 mV	20.05 ft	0.10 gal/min
2016-12-07 15:12:41	17:32	7.08 pH	56.72 °F	3.07 µS/cm	9.98 mg/L	3.21 NTU	117.5 mV	20.05 ft	0.10 gal/min
2016-12-07 15:13:41	18:32	6.99 pH	56.60 °F	97.31 µS/cm	10.19 mg/L	448.55 NTU	123.2 mV	20.05 ft	0.10 gal/min
2016-12-07 15:14:33	19:24	7.06 pH	56.74 °F	20.65 µS/cm	10.01 mg/L	5.20 NTU	118.8 mV	20.05 ft	0.10 gal/min
2016-12-07 15:15:33	20:24	7.06 pH	56.73 °F	117.81 µS/cm	9.78 mg/L	1,277.2 NTU	119.5 mV	20.05 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW19:G120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 16:48:29
Project: WAKS2510C
Operator Name: 00002

Location Name: MW-6 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 31.5 FT Total Depth: 38.28 FT Initial Depth to Water: 28.94 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 37.5 Pump Intake From TOC: 34.9 FT Estimated Total Volume Pumped: 3.2 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GAL_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions: 33 deg F and sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 16:48:29	00:00	7.18 pH	39.29 °F	0.65 µS/cm	12.51 mg/L	1,583.8 NTU	145.3 mV	28.94 ft	0.10 gal/min
2016-12-07 16:49:38	01:08	6.90 pH	39.16 °F	0.64 µS/cm	12.33 mg/L	2,983.5 NTU	151.9 mV	28.94 ft	0.10 gal/min
2016-12-07 16:49:58	01:28	6.99 pH	39.19 °F	0.64 µS/cm	12.27 mg/L	3,172.9 NTU	152.5 mV	28.94 ft	0.10 gal/min
2016-12-07 16:50:58	02:28	6.76 pH	42.68 °F	223.65 µS/cm	12.49 mg/L	672.37 NTU	167.7 mV	28.94 ft	0.10 gal/min
2016-12-07 16:51:57	03:28	6.87 pH	45.68 °F	296.23 µS/cm	11.49 mg/L	997.88 NTU	212.2 mV	28.94 ft	0.10 gal/min
2016-12-07 16:52:57	04:27	6.92 pH	46.58 °F	333.70 µS/cm	11.00 mg/L	1,423.8 NTU	201.6 mV	28.94 ft	0.10 gal/min
2016-12-07 16:53:57	05:28	6.97 pH	46.49 °F	340.19 µS/cm	10.95 mg/L	960.07 NTU	197.3 mV	28.94 ft	0.10 gal/min
2016-12-07 16:54:57	06:28	6.98 pH	46.06 °F	338.56 µS/cm	11.01 mg/L	816.33 NTU	193.4 mV	28.94 ft	0.10 gal/min
2016-12-07 16:55:57	07:27	6.97 pH	45.59 °F	338.36 µS/cm	11.07 mg/L	732.70 NTU	192.3 mV	28.94 ft	0.10 gal/min
2016-12-07 16:56:57	08:27	6.89 pH	45.17 °F	327.89 µS/cm	10.38 mg/L	763.76 NTU	196.9 mV	28.94 ft	0.10 gal/min
2016-12-07 16:57:57	09:28	7.01 pH	43.26 °F	290.57 µS/cm	11.10 mg/L	1,300.2 NTU	193.0 mV	28.94 ft	0.10 gal/min
2016-12-07 16:58:57	10:27	7.05 pH	42.71 °F	109.97 µS/cm	11.50 mg/L	1,246.0 NTU	199.5 mV	28.94 ft	0.10 gal/min

2016-12-07 16:59:56	11:26	7.07 pH	42.36 °F	146.52 µS/cm	11.68 mg/L	1,225.4 NTU	200.6 mV	28.94 ft	0.10 gal/min
2016-12-07 17:00:56	12:26	6.72 pH	43.77 °F	242.04 µS/cm	11.71 mg/L	1,320.7 NTU	292.4 mV	28.94 ft	0.10 gal/min
2016-12-07 17:01:56	13:26	6.83 pH	43.75 °F	237.90 µS/cm	12.53 mg/L	2,907.7 NTU	243.1 mV	28.94 ft	0.10 gal/min
2016-12-07 17:02:08	13:38	6.83 pH	43.75 °F	237.90 µS/cm	12.53 mg/L	2,907.7 NTU	243.1 mV	28.94 ft	0.10 gal/min
2016-12-07 17:08:06	19:36	6.85 pH	52.39 °F	348.64 µS/cm	8.83 mg/L	1,480.2 NTU	268.1 mV	28.94 ft	0.10 gal/min
2016-12-07 17:09:06	20:37	6.69 pH	52.71 °F	345.84 µS/cm	8.63 mg/L	1,771.0 NTU	265.3 mV	28.94 ft	0.10 gal/min
2016-12-07 17:10:06	21:36	6.70 pH	53.56 °F	347.26 µS/cm	8.19 mg/L	1,359.4 NTU	254.8 mV	28.94 ft	0.10 gal/min
2016-12-07 17:11:06	22:36	6.62 pH	54.09 °F	344.58 µS/cm	7.87 mg/L	1,556.6 NTU	250.7 mV	28.94 ft	0.10 gal/min
2016-12-07 17:12:05	23:36	6.66 pH	53.95 °F	345.63 µS/cm	7.80 mg/L	1,200.8 NTU	247.3 mV	28.94 ft	0.10 gal/min
2016-12-07 17:13:05	24:35	6.64 pH	54.68 °F	344.69 µS/cm	7.55 mg/L	1,074.9 NTU	243.4 mV	28.94 ft	0.10 gal/min
2016-12-07 17:14:05	25:35	6.52 pH	54.57 °F	341.72 µS/cm	7.42 mg/L	1,062.4 NTU	244.2 mV	28.94 ft	0.10 gal/min
2016-12-07 17:15:04	26:35	6.60 pH	54.91 °F	343.37 µS/cm	7.11 mg/L	830.80 NTU	239.4 mV	28.94 ft	0.10 gal/min
2016-12-07 17:16:04	27:34	6.57 pH	55.34 °F	342.09 µS/cm	6.90 mg/L	989.32 NTU	236.5 mV	28.94 ft	0.10 gal/min
2016-12-07 17:17:04	28:35	6.54 pH	55.00 °F	342.35 µS/cm	6.80 mg/L	667.37 NTU	235.9 mV	28.94 ft	0.10 gal/min
2016-12-07 17:18:04	29:34	6.55 pH	55.26 °F	341.57 µS/cm	6.66 mg/L	650.49 NTU	233.4 mV	28.94 ft	0.10 gal/min
2016-12-07 17:19:04	30:34	6.46 pH	55.04 °F	341.25 µS/cm	6.60 mg/L	576.92 NTU	233.9 mV	28.94 ft	0.10 gal/min
2016-12-07 17:20:04	31:34	6.54 pH	55.28 °F	340.63 µS/cm	6.43 mg/L	433.48 NTU	229.9 mV	28.94 ft	0.10 gal/min
2016-12-07 17:21:03	32:34	6.52 pH	55.64 °F	339.48 µS/cm	6.33 mg/L	497.19 NTU	229.3 mV	28.94 ft	0.10 gal/min
2016-12-07 17:22:03	33:33	6.51 pH	55.03 °F	340.27 µS/cm	6.36 mg/L	328.77 NTU	229.5 mV	28.94 ft	0.10 gal/min
2016-12-07 17:23:03	34:33	6.53 pH	54.62 °F	340.77 µS/cm	6.40 mg/L	307.60 NTU	230.3 mV	28.94 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW6:G120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 16:48:29
Project: WAKS2510C
Operator Name: 00002

Location Name: MW-6 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 31.5 FT Total Depth: 38.28 FT Initial Depth to Water: 28.94 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 x1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 37.5 Pump Intake From TOC: 34.9 FT Estimated Total Volume Pumped: 3.2 GAL Flow Cell Volume: 130 ML Final Flow Rate: 130 ML_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions: 33 deg F and sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 16:48:29	00:00	7.18 pH	39.29 °F	0.65 µS/cm	12.51 mg/L	1,583.8 NTU	145.3 mV	28.94 ft	0.10 gal/min
2016-12-07 16:49:38	01:08	6.90 pH	39.16 °F	0.64 µS/cm	12.33 mg/L	2,983.5 NTU	151.9 mV	28.94 ft	0.10 gal/min
2016-12-07 16:49:58	01:28	6.99 pH	39.19 °F	0.64 µS/cm	12.27 mg/L	3,172.9 NTU	152.5 mV	28.94 ft	0.10 gal/min
2016-12-07 16:50:58	02:28	6.76 pH	42.68 °F	223.65 µS/cm	12.49 mg/L	672.37 NTU	167.7 mV	28.94 ft	0.10 gal/min
2016-12-07 16:51:57	03:28	6.87 pH	45.68 °F	296.23 µS/cm	11.49 mg/L	997.88 NTU	212.2 mV	28.94 ft	0.10 gal/min
2016-12-07 16:52:57	04:27	6.92 pH	46.58 °F	333.70 µS/cm	11.00 mg/L	1,423.8 NTU	201.6 mV	28.94 ft	0.10 gal/min
2016-12-07 16:53:57	05:28	6.97 pH	46.49 °F	340.19 µS/cm	10.95 mg/L	960.07 NTU	197.3 mV	28.94 ft	0.10 gal/min
2016-12-07 16:54:57	06:28	6.98 pH	46.06 °F	338.56 µS/cm	11.01 mg/L	816.33 NTU	193.4 mV	28.94 ft	0.10 gal/min
2016-12-07 16:55:57	07:27	6.97 pH	45.59 °F	338.36 µS/cm	11.07 mg/L	732.70 NTU	192.3 mV	28.94 ft	0.10 gal/min
2016-12-07 16:56:57	08:27	6.89 pH	45.17 °F	327.89 µS/cm	10.38 mg/L	763.76 NTU	196.9 mV	28.94 ft	0.10 gal/min
2016-12-07 16:57:57	09:28	7.01 pH	43.26 °F	290.57 µS/cm	11.10 mg/L	1,300.2 NTU	193.0 mV	28.94 ft	0.10 gal/min
2016-12-07 16:58:57	10:27	7.05 pH	42.71 °F	109.97 µS/cm	11.50 mg/L	1,246.0 NTU	199.5 mV	28.94 ft	0.10 gal/min

2016-12-07 16:59:56	11:26	7.07 pH	42.36 °F	146.52 µS/cm	11.68 mg/L	1,225.4 NTU	200.6 mV	28.94 ft	0.10 gal/min
2016-12-07 17:00:56	12:26	6.72 pH	43.77 °F	242.04 µS/cm	11.71 mg/L	1,320.7 NTU	292.4 mV	28.94 ft	0.10 gal/min
2016-12-07 17:01:56	13:26	6.83 pH	43.75 °F	237.90 µS/cm	12.53 mg/L	2,907.7 NTU	243.1 mV	28.94 ft	0.10 gal/min
2016-12-07 17:02:08	13:38	6.83 pH	43.75 °F	237.90 µS/cm	12.53 mg/L	2,907.7 NTU	243.1 mV	28.94 ft	0.10 gal/min
2016-12-07 17:08:06	19:36	6.85 pH	52.39 °F	348.64 µS/cm	8.83 mg/L	1,480.2 NTU	268.1 mV	28.94 ft	0.10 gal/min
2016-12-07 17:09:06	20:37	6.69 pH	52.71 °F	345.84 µS/cm	8.63 mg/L	1,771.0 NTU	265.3 mV	28.94 ft	0.10 gal/min
2016-12-07 17:10:06	21:36	6.70 pH	53.56 °F	347.26 µS/cm	8.19 mg/L	1,359.4 NTU	254.8 mV	28.94 ft	0.10 gal/min
2016-12-07 17:11:06	22:36	6.62 pH	54.09 °F	344.58 µS/cm	7.87 mg/L	1,556.6 NTU	250.7 mV	28.94 ft	0.10 gal/min
2016-12-07 17:12:05	23:36	6.66 pH	53.95 °F	345.63 µS/cm	7.80 mg/L	1,200.8 NTU	247.3 mV	28.94 ft	0.10 gal/min
2016-12-07 17:13:05	24:35	6.64 pH	54.68 °F	344.69 µS/cm	7.55 mg/L	1,074.9 NTU	243.4 mV	28.94 ft	0.10 gal/min
2016-12-07 17:14:05	25:35	6.52 pH	54.57 °F	341.72 µS/cm	7.42 mg/L	1,062.4 NTU	244.2 mV	28.94 ft	0.10 gal/min
2016-12-07 17:15:04	26:35	6.60 pH	54.91 °F	343.37 µS/cm	7.11 mg/L	830.80 NTU	239.4 mV	28.94 ft	0.10 gal/min
2016-12-07 17:16:04	27:34	6.57 pH	55.34 °F	342.09 µS/cm	6.90 mg/L	989.32 NTU	236.5 mV	28.94 ft	0.10 gal/min
2016-12-07 17:17:04	28:35	6.54 pH	55.00 °F	342.35 µS/cm	6.80 mg/L	667.37 NTU	235.9 mV	28.94 ft	0.10 gal/min
2016-12-07 17:18:04	29:34	6.55 pH	55.26 °F	341.57 µS/cm	6.66 mg/L	650.49 NTU	233.4 mV	28.94 ft	0.10 gal/min
2016-12-07 17:19:04	30:34	6.46 pH	55.04 °F	341.25 µS/cm	6.60 mg/L	576.92 NTU	233.9 mV	28.94 ft	0.10 gal/min
2016-12-07 17:20:04	31:34	6.54 pH	55.28 °F	340.63 µS/cm	6.43 mg/L	433.48 NTU	229.9 mV	28.94 ft	0.10 gal/min
2016-12-07 17:21:03	32:34	6.52 pH	55.64 °F	339.48 µS/cm	6.33 mg/L	497.19 NTU	229.3 mV	28.94 ft	0.10 gal/min
2016-12-07 17:22:03	33:33	6.51 pH	55.03 °F	340.27 µS/cm	6.36 mg/L	328.77 NTU	229.5 mV	28.94 ft	0.10 gal/min
2016-12-07 17:23:03	34:33	6.53 pH	54.62 °F	340.77 µS/cm	6.40 mg/L	307.60 NTU	230.3 mV	28.94 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW6:G120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 18:32:12
Project: WAKSC2510
Operator Name: 00002

Location Name: MW-17 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Length: 10 FT Top of Screen: 25 FT Total Depth: 38.73 FT Initial Depth to Water: 32.3 FT	Pump Type: Geotech 1.66 in Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 36.5 FT Pump Intake From TOC: 35 FT Estimated Total Volume Pumped: 5.023 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
Clear, 32 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 18:32:12	00:00	8.31 pH	40.11 °F	97.47 µS/cm	13.17 mg/L		108.2 mV	32.30 ft	0.10 gal/min
2016-12-07 18:33:48	01:36	8.32 pH	39.67 °F	63.15 µS/cm	13.28 mg/L		108.7 mV	32.30 ft	0.10 gal/min
2016-12-07 18:35:18	03:06	8.33 pH	39.27 °F	79.60 µS/cm	13.33 mg/L		110.1 mV	32.30 ft	0.10 gal/min
2016-12-07 18:36:48	04:36	8.33 pH	38.91 °F	19.25 µS/cm	13.44 mg/L	28.13 NTU	111.0 mV	32.30 ft	0.10 gal/min
2016-12-07 18:38:18	06:06	8.32 pH	38.60 °F	84.29 µS/cm	13.46 mg/L		112.6 mV	32.30 ft	0.10 gal/min
2016-12-07 18:39:48	07:36	8.32 pH	38.28 °F	54.99 µS/cm	13.52 mg/L		113.6 mV	32.30 ft	0.10 gal/min
2016-12-07 18:41:18	09:06	8.32 pH	38.02 °F	63.47 µS/cm	13.57 mg/L		114.8 mV	32.30 ft	0.10 gal/min
2016-12-07 18:42:48	10:35	8.32 pH	37.73 °F	113.21 µS/cm	13.64 mg/L		115.6 mV	32.30 ft	0.10 gal/min
2016-12-07 18:44:18	12:06	8.32 pH	37.52 °F	1.38 µS/cm	13.67 mg/L		116.7 mV	32.30 ft	0.10 gal/min
2016-12-07 18:45:48	13:36	8.32 pH	37.26 °F	93.86 µS/cm	13.73 mg/L		117.4 mV	32.30 ft	0.10 gal/min
2016-12-07 18:47:18	15:06	8.33 pH	37.02 °F	1.36 µS/cm	13.79 mg/L	12.37 NTU	118.1 mV	32.30 ft	0.10 gal/min

2016-12-07 18:48:48	16:36	8.32 pH	36.75 °F	75.91 µS/cm	13.83 mg/L		119.4 mV	32.30 ft	0.10 gal/min
2016-12-07 18:50:18	18:06	8.33 pH	36.51 °F	1.93 µS/cm	13.90 mg/L	7.33 NTU	119.8 mV	32.30 ft	0.10 gal/min
2016-12-07 18:51:48	19:36	8.32 pH	36.26 °F	123.10 µS/cm	13.92 mg/L		120.8 mV	32.30 ft	0.10 gal/min
2016-12-07 18:53:18	21:06	8.33 pH	36.03 °F	72.18 µS/cm	13.99 mg/L	67.18 NTU	121.2 mV	32.30 ft	0.10 gal/min
2016-12-07 18:54:48	22:36	8.32 pH	35.85 °F	79.39 µS/cm	14.01 mg/L		122.1 mV	32.30 ft	0.10 gal/min
2016-12-07 18:55:56	23:44	8.33 pH	35.72 °F	78.19 µS/cm	14.06 mg/L	1,650.0 NTU	122.3 mV	32.30 ft	0.10 gal/min
2016-12-07 18:56:56	24:44	8.33 pH	35.57 °F	90.84 µS/cm	14.09 mg/L		122.8 mV	32.30 ft	0.10 gal/min
2016-12-07 18:58:26	26:14	8.32 pH	35.42 °F	77.12 µS/cm	14.11 mg/L		123.9 mV	32.30 ft	0.10 gal/min
2016-12-07 18:59:56	27:44	8.32 pH	35.22 °F	86.68 µS/cm	14.16 mg/L		124.2 mV	32.30 ft	0.10 gal/min
2016-12-07 19:01:26	29:14	8.32 pH	35.09 °F	1.39 µS/cm	14.18 mg/L		125.2 mV	32.30 ft	0.10 gal/min
2016-12-07 19:02:56	30:44	8.32 pH	35.00 °F	1.66 µS/cm	14.15 mg/L	4.05 NTU	125.3 mV	32.30 ft	0.10 gal/min
2016-12-07 19:04:26	32:14	8.32 pH	34.84 °F	1.61 µS/cm	14.17 mg/L	3.79 NTU	125.3 mV	32.30 ft	0.10 gal/min
2016-12-07 19:05:56	33:44	8.32 pH	34.69 °F	1.61 µS/cm	14.21 mg/L	3.35 NTU	125.2 mV	32.30 ft	0.10 gal/min
2016-12-07 19:07:26	35:14	8.33 pH	34.55 °F	2.00 µS/cm	14.26 mg/L	6.19 NTU	125.5 mV	32.30 ft	0.10 gal/min
2016-12-07 19:08:56	36:44	8.31 pH	34.52 °F	22.21 µS/cm	14.29 mg/L		127.6 mV	32.30 ft	0.10 gal/min
2016-12-07 19:10:26	38:14	8.31 pH	34.44 °F	1.42 µS/cm	14.31 mg/L		128.8 mV	32.30 ft	0.10 gal/min
2016-12-07 19:11:56	39:44	7.71 pH	39.74 °F	1.01 µS/cm	13.87 mg/L	6.23 NTU	134.5 mV	32.30 ft	0.10 gal/min
2016-12-07 19:13:26	41:14	7.84 pH	45.67 °F	1.05 µS/cm	12.25 mg/L	4.85 NTU	123.3 mV	32.30 ft	0.10 gal/min
2016-12-07 19:14:56	42:44	8.15 pH	44.75 °F	1.03 µS/cm	12.30 mg/L	4.29 NTU	112.8 mV	32.30 ft	0.10 gal/min
2016-12-07 19:16:26	44:14	8.18 pH	43.61 °F	1.10 µS/cm	12.45 mg/L	7.69 NTU	114.9 mV	32.30 ft	0.10 gal/min
2016-12-07 19:17:56	45:44	8.25 pH	42.75 °F	1.07 µS/cm	12.66 mg/L	7.86 NTU	112.1 mV	32.30 ft	0.10 gal/min
2016-12-07 19:19:26	47:13	8.25 pH	41.93 °F	1.07 µS/cm	12.81 mg/L	7.99 NTU	113.1 mV	32.30 ft	0.10 gal/min
2016-12-07 19:20:56	48:44	8.27 pH	41.31 °F	1.11 µS/cm	12.91 mg/L	3.81 NTU	112.6 mV	32.30 ft	0.10 gal/min
2016-12-07 19:22:26	50:14	7.01 pH	42.02 °F	323.79 µS/cm	10.69 mg/L	106.56 NTU	145.5 mV	32.30 ft	0.10 gal/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2016-12-07 18:40:54
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW-17D Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 5 FT Top of Screen: 55 Total Depth: 56.10 Initial Depth to Water: 32.28 FT	Pump Type: Geotech 1.66" Bladder Tubing Type: 3/8x1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 56.9 FT Pump Intake From TOC: 55.6 FT Estimated Total Volume Pumped: 0.653 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 18:40:54	00:00	6.75 pH	51.63 °F	314.82 µS/cm	4.31 mg/L	1,162.3 NTU	194.0 mV	32.28 ft	0.10 gal/min
2016-12-07 18:41:41	00:47	6.77 pH	51.64 °F	314.85 µS/cm	4.18 mg/L	1,105.0 NTU	193.8 mV	32.28 ft	0.10 gal/min
2016-12-07 18:42:26	01:31	6.78 pH	52.01 °F	313.39 µS/cm	4.13 mg/L	1,114.2 NTU	193.7 mV	32.28 ft	0.10 gal/min
2016-12-07 18:43:26	02:32	6.66 pH	52.57 °F	318.84 µS/cm	4.03 mg/L	1,064.2 NTU	194.9 mV	32.28 ft	0.10 gal/min
2016-12-07 18:44:26	03:31	6.64 pH	52.51 °F	318.34 µS/cm	4.05 mg/L	1,048.3 NTU	200.0 mV	32.28 ft	0.10 gal/min
2016-12-07 18:45:26	04:31	6.65 pH	52.25 °F	318.43 µS/cm	4.05 mg/L	1,042.3 NTU	198.1 mV	32.28 ft	0.10 gal/min
2016-12-07 18:46:26	05:32	6.63 pH	52.66 °F	316.51 µS/cm	4.01 mg/L	1,010.6 NTU	203.5 mV	32.28 ft	0.10 gal/min
2016-12-07 18:47:26	06:32	6.65 pH	52.58 °F	304.82 µS/cm	4.17 mg/L	115.07 NTU	201.5 mV	32.28 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW17D:G120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-07 19:26:36
Project: WAKSC2510
Operator Name: J.Hogan and R. Hogan

Location Name: MW17 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Polyethylene Screen Length: 10 FT Top of Screen: 25 FT Total Depth: 38.73 FT Initial Depth to Water: 32.3 FT	Pump Type: Geotech 1.66 in Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 34 FT Pump Intake From TOC: 36 FT Estimated Total Volume Pumped: 1.157 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
Clear and 32 deg F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-07 19:26:36	00:00	6.48 pH	52.04 °F	370.29 µS/cm	5.57 mg/L	146.17 NTU	154.0 mV	32.30 ft	0.10 gal/min
2016-12-07 19:28:04	01:27	6.47 pH	53.32 °F	384.31 µS/cm	5.53 mg/L	163.85 NTU	154.1 mV	32.30 ft	0.10 gal/min
2016-12-07 19:29:32	02:56	6.46 pH	53.98 °F	382.89 µS/cm	5.53 mg/L	132.73 NTU	154.4 mV	32.30 ft	0.10 gal/min
2016-12-07 19:30:25	03:49	6.46 pH	54.05 °F	381.85 µS/cm	5.54 mg/L	121.32 NTU	154.5 mV	32.30 ft	0.10 gal/min
2016-12-07 19:30:50	04:14	6.40 pH	53.74 °F	381.83 µS/cm	5.58 mg/L	95.79 NTU	157.2 mV	32.30 ft	0.10 gal/min
2016-12-07 19:32:18	05:42	6.45 pH	54.26 °F	380.44 µS/cm	5.58 mg/L	93.59 NTU	155.1 mV	32.30 ft	0.10 gal/min
2016-12-07 19:33:46	07:09	6.44 pH	54.42 °F	363.20 µS/cm	5.65 mg/L	81.15 NTU	155.3 mV	32.30 ft	0.10 gal/min
2016-12-07 19:35:14	08:38	6.44 pH	54.71 °F	362.02 µS/cm	5.64 mg/L	73.94 NTU	155.4 mV	32.30 ft	0.10 gal/min
2016-12-07 19:36:42	10:06	6.44 pH	54.07 °F	363.57 µS/cm	5.69 mg/L	71.47 NTU	155.2 mV	32.30 ft	0.10 gal/min
2016-12-07 19:38:10	11:33	6.44 pH	53.43 °F	362.66 µS/cm	5.69 mg/L	68.69 NTU	155.1 mV	32.30 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW17:G120716	

Low-Flow Test Report:

Test Date / Time: 2016-12-08/08:45:34
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW-14 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 15 FT Top of Screen: 25 FT Total Depth: 39.3 FT Initial Depth to Water: 32.03 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 x1/4" Polyethylene Tubing Inner Diameter: Tubing Length: 39 FT Pump Intake From TOC: 36 FT Estimated Total Volume Pumped: 0.9 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
sunny, 32 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5 %	
2016-12-08 08:45:34	00:00	7.01 pH	37.22 °F	3.29 µS/cm	13.48 mg/L	5.84 NTU	240.6 mV	32.03 ft	0.10 gal/min
2016-12-08 08:46:34	01:00	7.06 pH	37.03 °F	2.95 µS/cm	12.92 mg/L	1.21 NTU	239.3 mV	32.03 ft	0.10 gal/min
2016-12-08 08:47:34	02:00	6.87 pH	36.89 °F	3.45 µS/cm	15.94 mg/L	101.21 NTU	232.5 mV	32.03 ft	0.10 gal/min
2016-12-08 08:48:34	03:00	6.49 pH	44.94 °F	373.89 µS/cm	9.07 mg/L	45.10 NTU	233.3 mV	32.03 ft	0.10 gal/min
2016-12-08 08:49:34	03:59	6.50 pH	47.19 °F	405.89 µS/cm	7.55 mg/L	32.18 NTU	228.6 mV	32.03 ft	0.10 gal/min
2016-12-08 08:50:34	04:59	6.45 pH	48.65 °F	399.84 µS/cm	7.31 mg/L	37.64 NTU	228.8 mV	32.03 ft	0.10 gal/min
2016-12-08 08:51:34	05:59	6.51 pH	51.27 °F	395.54 µS/cm	6.83 mg/L	37.09 NTU	223.3 mV	32.03 ft	0.10 gal/min
2016-12-08 08:52:34	06:59	6.53 pH	51.57 °F	393.93 µS/cm	6.92 mg/L	19.11 NTU	220.8 mV	32.03 ft	0.10 gal/min
2016-12-08 08:53:34	07:59	6.46 pH	51.84 °F	393.08 µS/cm	6.87 mg/L	18.37 NTU	220.9 mV	32.03 ft	0.10 gal/min
2016-12-08 08:54:34	09:00	6.56 pH	53.07 °F	389.37 µS/cm	6.93 mg/L	21.06 NTU	216.4 mV	32.03 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW14:G120816	

Low-Flow Test Report:

Test Date / Time: 2016-12-08 09:18:45
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-8 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 20 FT Top of Screen: 20 FT Total Depth: 37.52 FT Initial Depth to Water: 27.9 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 32.5 FT Pump Intake From TOC: 31 FT Estimated Total Volume Pumped: 0.707 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
33°F, partly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 09:18:45	00:00	6.85 pH	52.54 °F	256.42 µS/cm	7.42 mg/L	63.58 NTU	219.0 mV	27.90 ft	0.10 gal/min
2016-12-08 09:20:20	01:35	6.76 pH	52.89 °F	255.86 µS/cm	7.35 mg/L	75.01 NTU	224.2 mV	27.90 ft	0.10 gal/min
2016-12-08 09:21:25	02:39	6.81 pH	52.98 °F	256.09 µS/cm	7.35 mg/L	95.49 NTU	226.5 mV	27.90 ft	0.10 gal/min
2016-12-08 09:22:53	04:07	6.65 pH	53.06 °F	254.79 µS/cm	7.29 mg/L	95.84 NTU	227.5 mV	27.90 ft	0.10 gal/min
2016-12-08 09:24:21	05:35	6.65 pH	53.31 °F	256.07 µS/cm	7.05 mg/L	76.83 NTU	226.8 mV	27.90 ft	0.10 gal/min
2016-12-08 09:25:49	07:04	6.65 pH	53.54 °F	255.42 µS/cm	7.23 mg/L	70.36 NTU	226.3 mV	27.90 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW8:G120816	

Low-Flow Test Report:

Test Date / Time: 2016-12-08 10:24:04
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW-12 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 15 FT Top of Screen: 18 FT Total Depth: 32.58 FT Initial Depth to Water: 24.9 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: Tubing Length: 32 FT Pump Intake From TOC: 29 FT Estimated Total Volume Pumped: 1.7 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
32°F , cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 10:24:04	00:00	7.62 pH	53.93 °F	323.74 µS/cm	9.50 mg/L	356.29 NTU	190.6 mV	24.90 ft	0.10 gal/min
2016-12-08 10:25:29	01:24	7.63 pH	53.55 °F	324.26 µS/cm	9.53 mg/L	352.02 NTU	188.3 mV	24.90 ft	0.10 gal/min
2016-12-08 10:26:54	02:50	7.63 pH	53.84 °F	323.69 µS/cm	9.46 mg/L	330.21 NTU	186.8 mV	24.90 ft	0.10 gal/min
2016-12-08 10:28:19	04:14	7.60 pH	53.92 °F	326.82 µS/cm	9.38 mg/L	380.90 NTU	186.3 mV	24.90 ft	0.10 gal/min
2016-12-08 10:29:44	05:39	7.61 pH	54.00 °F	323.99 µS/cm	9.36 mg/L	297.35 NTU	184.7 mV	24.90 ft	0.10 gal/min
2016-12-08 10:31:09	07:05	7.60 pH	54.35 °F	323.31 µS/cm	9.27 mg/L	255.07 NTU	183.6 mV	24.90 ft	0.10 gal/min
2016-12-08 10:32:34	08:30	7.57 pH	54.09 °F	323.14 µS/cm	9.05 mg/L	263.18 NTU	183.5 mV	24.90 ft	0.10 gal/min
2016-12-08 10:33:59	09:54	7.59 pH	54.28 °F	323.10 µS/cm	9.23 mg/L	229.39 NTU	181.7 mV	24.90 ft	0.10 gal/min
2016-12-08 10:35:24	11:19	7.58 pH	54.67 °F	321.88 µS/cm	9.16 mg/L	247.46 NTU	180.8 mV	24.90 ft	0.10 gal/min
2016-12-08 10:36:49	12:44	7.57 pH	54.53 °F	322.11 µS/cm	9.17 mg/L	191.86 NTU	179.8 mV	24.90 ft	0.10 gal/min
2016-12-08 10:38:14	14:09	7.56 pH	54.88 °F	321.52 µS/cm	9.08 mg/L	169.12 NTU	178.7 mV	24.90 ft	0.10 gal/min

2016-12-08 10:39:39	15:35	7.55 pH	55.02 °F	321.44 µS/cm	9.05 mg/L	156.25 NTU	178.1 mV	24.90 ft	0.10 gal/min
2016-12-08 10:41:04	17:00	7.55 pH	55.27 °F	321.45 µS/cm	9.02 mg/L	145.47 NTU	177.8 mV	24.90 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW12:G120816	

Low-Flow Test Report:

Test Date / Time: 2016-12-08 10:38:15
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-5 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 31.5 FT Total Depth: 40.45 FT Initial Depth to Water: 27.05 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 38 FT Pump Intake From TOC: 36.5 FT Estimated Total Volume Pumped: 0.98 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
36°F, partly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 10:38:15	00:00	6.85 pH	51.49 °F	387.38 µS/cm	6.78 mg/L	24.90 NTU	218.9 mV	27.05 ft	0.10 gal/min
2016-12-08 10:39:49	01:34	6.71 pH	53.65 °F	384.27 µS/cm	6.12 mg/L	26.91 NTU	222.5 mV	27.05 ft	0.10 gal/min
2016-12-08 10:40:13	01:58	6.81 pH	53.38 °F	383.00 µS/cm	6.10 mg/L	29.51 NTU	221.3 mV	27.05 ft	0.10 gal/min
2016-12-08 10:41:47	03:32	6.63 pH	54.64 °F	383.20 µS/cm	5.85 mg/L	32.53 NTU	311.6 mV	27.05 ft	0.10 gal/min
2016-12-08 10:43:21	05:05	6.60 pH	54.94 °F	381.00 µS/cm	5.78 mg/L	26.66 NTU	277.9 mV	27.05 ft	0.10 gal/min
2016-12-08 10:44:55	06:40	6.60 pH	55.07 °F	379.97 µS/cm	5.77 mg/L	23.55 NTU	263.9 mV	27.05 ft	0.10 gal/min
2016-12-08 10:46:29	08:14	6.65 pH	55.28 °F	378.85 µS/cm	5.76 mg/L	23.71 NTU	262.9 mV	27.05 ft	0.10 gal/min
2016-12-08 10:48:03	09:47	6.56 pH	55.55 °F	376.25 µS/cm	5.73 mg/L	25.24 NTU	261.0 mV	27.05 ft	0.10 gal/min

Samples

Sample ID:	Description:

MW5:G120816	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2016-12-08 15:08:56
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-1D Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 5 FT Top of Screen: 50 FT Total Depth: 52.91 FT Initial Depth to Water: 27.53 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 52.5 FT Pump Intake From TOC: 51 FT Estimated Total Volume Pumped: 1.915 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
37°F, mostly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 15:08:56	00:00	7.77 pH	53.21 °F	410.62 µS/cm	2.79 mg/L	3,961.5 NTU	179.7 mV	27.53 ft	0.10 gal/min
2016-12-08 15:10:41	01:45	7.71 pH	53.73 °F	401.90 µS/cm	4.94 mg/L	1,312.6 NTU	177.3 mV	27.53 ft	0.10 gal/min
2016-12-08 15:12:37	03:41	7.70 pH	54.13 °F	400.08 µS/cm	6.68 mg/L	559.86 NTU	175.4 mV	27.53 ft	0.10 gal/min
2016-12-08 15:14:33	05:37	7.77 pH	54.36 °F	397.49 µS/cm	7.68 mg/L	313.71 NTU	173.5 mV	27.53 ft	0.10 gal/min
2016-12-08 15:16:29	07:33	7.79 pH	54.61 °F	394.94 µS/cm	8.21 mg/L	296.83 NTU	171.5 mV	27.53 ft	0.10 gal/min
2016-12-08 15:18:25	09:29	7.77 pH	54.66 °F	394.09 µS/cm	8.64 mg/L	277.60 NTU	172.0 mV	27.53 ft	0.10 gal/min
2016-12-08 15:20:21	11:25	7.79 pH	54.86 °F	392.56 µS/cm	8.85 mg/L	182.52 NTU	170.2 mV	27.53 ft	0.10 gal/min
2016-12-08 15:22:17	13:21	7.79 pH	54.57 °F	388.62 µS/cm	9.89 mg/L	183.21 NTU	169.5 mV	27.53 ft	0.10 gal/min
2016-12-08 15:24:13	15:17	7.81 pH	54.79 °F	388.34 µS/cm	9.06 mg/L	182.71 NTU	167.0 mV	27.53 ft	0.10 gal/min
2016-12-08 15:26:09	17:12	7.79 pH	54.87 °F	388.53 µS/cm	9.17 mg/L	136.56 NTU	167.2 mV	27.53 ft	0.10 gal/min
2016-12-08 15:28:05	19:09	7.80 pH	54.86 °F	386.35 µS/cm	9.23 mg/L	89.79 NTU	165.6 mV	27.53 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW1D:G120816	

Low-Flow Test Report:

Test Date / Time: 2016-12-08 11:39:21
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-4 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 10 FT Top of Screen: 25 FT Total Depth: 32.22 FT Initial Depth to Water: 21.09 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 33 FT Pump Intake From TOC: 30 FT Estimated Total Volume Pumped: 0.703 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
37°F, partly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 11:39:21	00:00	6.42 pH	53.79 °F	171.79 µS/cm	7.87 mg/L	1,034.2 NTU	213.2 mV	21.09 ft	0.10 gal/min
2016-12-08 11:40:47	01:26	6.32 pH	54.72 °F	169.27 µS/cm	7.73 mg/L	925.18 NTU	223.0 mV	21.09 ft	0.10 gal/min
2016-12-08 11:41:08	01:46	6.39 pH	54.47 °F	169.23 µS/cm	7.73 mg/L	693.92 NTU	221.5 mV	21.09 ft	0.10 gal/min
2016-12-08 11:42:05	02:43	6.35 pH	54.70 °F	168.51 µS/cm	7.74 mg/L	727.09 NTU	279.2 mV	21.09 ft	0.10 gal/min
2016-12-08 11:43:31	04:10	6.17 pH	54.83 °F	166.63 µS/cm	7.81 mg/L	651.85 NTU	260.6 mV	21.09 ft	0.10 gal/min
2016-12-08 11:44:57	05:36	6.15 pH	54.98 °F	164.58 µS/cm	7.82 mg/L	575.93 NTU	261.4 mV	21.09 ft	0.10 gal/min
2016-12-08 11:46:23	07:02	6.14 pH	55.34 °F	164.97 µS/cm	7.87 mg/L	541.52 NTU	256.1 mV	21.09 ft	0.10 gal/min

Samples

Sample ID:	Description:

MW4:G120816	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2016-12-08 12:25:11
Project: WAK2510C5.2
Operator Name: 00010

Location Name: MW-13 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 15 Top of Screen: 20 Total Depth: 34.75 Initial Depth to Water: 23.75 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8 X 1/4" polyethylene Tubing Inner Diameter: 0.25 Tubing Length: 33 Pump Intake From TOC: 29.25 FT Estimated Total Volume Pumped: 1.037 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.15 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 12:25:11	00:00	6.36 pH	51.62 °F	134.22 µS/cm	6.75 mg/L	227.23 NTU	202.5 mV	23.75 ft	0.15 gal/min
2016-12-08 12:26:11	01:00	6.40 pH	51.89 °F	133.62 µS/cm	6.90 mg/L	218.27 NTU	202.4 mV	23.75 ft	0.15 gal/min
2016-12-08 12:27:07	01:55	6.39 pH	52.18 °F	133.69 µS/cm	6.75 mg/L	233.48 NTU	202.4 mV	23.75 ft	0.15 gal/min
2016-12-08 12:28:07	02:55	6.39 pH	52.36 °F	133.91 µS/cm	6.74 mg/L	141.02 NTU	202.4 mV	23.75 ft	0.15 gal/min
2016-12-08 12:29:07	03:55	6.39 pH	52.53 °F	133.45 µS/cm	6.78 mg/L	117.31 NTU	202.4 mV	23.75 ft	0.15 gal/min
2016-12-08 12:30:06	04:55	6.39 pH	52.61 °F	133.41 µS/cm	6.71 mg/L	150.46 NTU	202.5 mV	23.75 ft	0.15 gal/min
2016-12-08 12:31:06	05:54	6.39 pH	52.66 °F	133.26 µS/cm	6.76 mg/L	155.13 NTU	202.6 mV	23.75 ft	0.15 gal/min
2016-12-08 12:32:06	06:54	6.39 pH	52.67 °F	133.39 µS/cm	6.72 mg/L	142.84 NTU	202.7 mV	23.75 ft	0.15 gal/min

Samples

Sample ID:	Description:
MW13:G120816	

Low-Flow Test Report:

Test Date / Time: 2016-12-08 15:08:56
Project: WAKS2510C5.2
Operator Name: '00002

Location Name: MW-1D Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 5 FT Top of Screen: 50 FT Total Depth: 52.91 FT Initial Depth to Water: 27.53 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 52.5 FT Pump Intake From TOC: 51 FT Estimated Total Volume Pumped: 1.915 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
37°F, mostly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 15:08:56	00:00	7.77 pH	53.21 °F	410.62 µS/cm	2.79 mg/L	3,961.5 NTU	179.7 mV	27.53 ft	0.10 gal/min
2016-12-08 15:10:41	01:45	7.71 pH	53.73 °F	401.90 µS/cm	4.94 mg/L	1,312.6 NTU	177.3 mV	27.53 ft	0.10 gal/min
2016-12-08 15:12:37	03:41	7.70 pH	54.13 °F	400.08 µS/cm	6.68 mg/L	559.86 NTU	175.4 mV	27.53 ft	0.10 gal/min
2016-12-08 15:14:33	05:37	7.77 pH	54.36 °F	397.49 µS/cm	7.68 mg/L	313.71 NTU	173.5 mV	27.53 ft	0.10 gal/min
2016-12-08 15:16:29	07:33	7.79 pH	54.61 °F	394.94 µS/cm	8.21 mg/L	296.83 NTU	171.5 mV	27.53 ft	0.10 gal/min
2016-12-08 15:18:25	09:29	7.77 pH	54.66 °F	394.09 µS/cm	8.64 mg/L	277.60 NTU	172.0 mV	27.53 ft	0.10 gal/min
2016-12-08 15:20:21	11:25	7.79 pH	54.86 °F	392.56 µS/cm	8.85 mg/L	182.52 NTU	170.2 mV	27.53 ft	0.10 gal/min
2016-12-08 15:22:17	13:21	7.79 pH	54.57 °F	388.62 µS/cm	9.89 mg/L	183.21 NTU	169.5 mV	27.53 ft	0.10 gal/min
2016-12-08 15:24:13	15:17	7.81 pH	54.79 °F	388.34 µS/cm	9.06 mg/L	182.71 NTU	167.0 mV	27.53 ft	0.10 gal/min
2016-12-08 15:26:09	17:12	7.79 pH	54.87 °F	388.53 µS/cm	9.17 mg/L	136.56 NTU	167.2 mV	27.53 ft	0.10 gal/min
2016-12-08 15:28:05	19:09	7.80 pH	54.86 °F	386.35 µS/cm	9.23 mg/L	89.79 NTU	165.6 mV	27.53 ft	0.10 gal/min

Samples

Sample ID:	Description:
MW1D:G120816	

Low-Flow Test Report:

Test Date / Time: 2016-12-08 15:23:15
Project: WAKS2510C5.2
Operator Name: 00010

Location Name: MW-1 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Sch. 80 PVC Screen Length: 18 FT Top of Screen: 22 FT Total Depth: 40.55 FT Initial Depth to Water: 28.1 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: Tubing Length: 39.5 FT Pump Intake From TOC: 36.5 FT Estimated Total Volume Pumped: 3.577 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.15 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 447275

Test Notes:

Weather Conditions:
Cloudy, 35° F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-08 15:23:15	00:00	5.48 pH	43.33 °F	108.10 µS/cm	8.61 mg/L	846.00 NTU	164.6 mV	28.10 ft	0.15 gal/min
2016-12-08 15:24:15	00:59	5.27 pH	44.34 °F	1,118.3 µS/cm	6.35 mg/L	227.99 NTU	115.0 mV	28.10 ft	0.15 gal/min
2016-12-08 15:24:37	01:21	5.30 pH	44.33 °F	1,105.4 µS/cm	6.18 mg/L	190.57 NTU	108.4 mV	28.10 ft	0.15 gal/min
2016-12-08 15:25:43	02:27	5.13 pH	46.59 °F	1,458.0 µS/cm	5.54 mg/L	257.26 NTU	111.8 mV	28.10 ft	0.15 gal/min
2016-12-08 15:26:35	03:19	5.02 pH	48.81 °F	1,842.9 µS/cm	2.85 mg/L	277.05 NTU	149.0 mV	28.10 ft	0.15 gal/min
2016-12-08 15:27:00	03:44	5.04 pH	50.21 °F	1,998.7 µS/cm	1.37 mg/L	319.31 NTU	155.8 mV	28.10 ft	0.15 gal/min
2016-12-08 15:28:00	04:44	5.12 pH	51.16 °F	2,006.9 µS/cm	0.64 mg/L	208.50 NTU	100.0 mV	28.10 ft	0.15 gal/min
2016-12-08 15:28:59	05:43	5.11 pH	52.95 °F	2,002.2 µS/cm	0.36 mg/L	210.98 NTU	95.9 mV	28.10 ft	0.15 gal/min
2016-12-08 15:33:07	09:51	5.20 pH	53.93 °F	2,003.7 µS/cm	0.22 mg/L	181.91 NTU	70.2 mV	28.10 ft	0.15 gal/min
2016-12-08 15:34:07	10:51	5.12 pH	53.93 °F	1,999.7 µS/cm	0.22 mg/L	212.11 NTU	84.1 mV	28.10 ft	0.15 gal/min
2016-12-08 15:35:07	11:51	5.10 pH	54.49 °F	1,989.7 µS/cm	0.21 mg/L	175.64 NTU	88.4 mV	28.10 ft	0.15 gal/min

2016-12-08 15:36:07	12:51	5.09 pH	54.25 °F	1,544.4 µS/cm	1.44 mg/L	65.04 NTU	86.3 mV	28.10 ft	0.15 gal/min
2016-12-08 15:37:07	13:51	5.07 pH	54.32 °F	1,964.7 µS/cm	1.13 mg/L	79.82 NTU	88.2 mV	28.10 ft	0.15 gal/min
2016-12-08 15:38:06	14:50	5.07 pH	54.21 °F	1,736.3 µS/cm	1.79 mg/L	1,544.2 NTU	94.7 mV	28.10 ft	0.15 gal/min
2016-12-08 15:39:06	15:50	5.05 pH	54.65 °F	1,619.9 µS/cm	0.79 mg/L	1,432.2 NTU	97.6 mV	28.10 ft	0.15 gal/min
2016-12-08 15:40:06	16:50	5.06 pH	54.59 °F	1,925.8 µS/cm	0.66 mg/L	493.16 NTU	93.7 mV	28.10 ft	0.15 gal/min
2016-12-08 15:41:06	17:50	5.07 pH	54.49 °F	1,626.2 µS/cm	1.00 mg/L	986.17 NTU	93.7 mV	28.10 ft	0.15 gal/min
2016-12-08 15:42:06	18:50	5.04 pH	54.63 °F	1,941.1 µS/cm	0.60 mg/L	4,900.4 NTU	92.6 mV	28.10 ft	0.15 gal/min
2016-12-08 15:43:06	19:50	5.04 pH	54.75 °F	1,706.4 µS/cm	0.59 mg/L	451.19 NTU	95.9 mV	28.10 ft	0.15 gal/min
2016-12-08 15:44:06	20:50	5.07 pH	54.59 °F	1,530.8 µS/cm	0.61 mg/L	450.12 NTU	93.4 mV	28.10 ft	0.15 gal/min
2016-12-08 15:45:06	21:50	5.06 pH	54.52 °F	1,562.7 µS/cm	0.42 mg/L	4,664.8 NTU	92.1 mV	28.10 ft	0.15 gal/min
2016-12-08 15:46:06	22:50	5.06 pH	54.84 °F	1,633.5 µS/cm	0.31 mg/L	152.83 NTU	94.6 mV	28.10 ft	0.15 gal/min
2016-12-08 15:47:06	23:50	5.06 pH	54.77 °F	1,639.5 µS/cm	0.22 mg/L	367.81 NTU	89.0 mV	28.10 ft	0.15 gal/min

Samples

Sample ID:	Description:
MW1:G120816	
FD:G120816	

Low-Flow Test Report:

Test Date / Time: 2016-12-09 12:25:44
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-15D Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 59.46 FT Initial Depth to Water: 29.92 FT	Pump Type: Geotech 1.66" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 59 FT Pump Intake From TOC: 57.5 FT Estimated Total Volume Pumped: 0.83 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.1 GALLON_PER_MIN Final Draw Down: 0 M	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
34°F, cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-09 12:25:44	00:00	7.12 pH	55.68 °F	254.49 µS/cm	6.10 mg/L	109.61 NTU	263.1 mV	29.82 m	0.10 gal/min
2016-12-09 12:27:44	02:00	7.14 pH	55.80 °F	254.69 µS/cm	6.08 mg/L	114.32 NTU	258.4 mV	29.82 m	0.10 gal/min
2016-12-09 12:29:50	04:06	7.15 pH	55.76 °F	240.97 µS/cm	6.08 mg/L	122.50 NTU	255.1 mV	29.82 m	0.10 gal/min
2016-12-09 12:31:56	06:12	7.15 pH	55.68 °F	244.15 µS/cm	6.07 mg/L	124.07 NTU	252.4 mV	29.82 m	0.10 gal/min
2016-12-09 12:34:02	08:17	7.16 pH	55.62 °F	245.63 µS/cm	6.07 mg/L	128.64 NTU	249.9 mV	29.82 m	0.10 gal/min

Samples

Sample ID:	Description:
MW15D:G120916	

Low-Flow Test Report:

Test Date / Time: 2016-12-09 13:00:51
Project: WAKS2510C5.2
Operator Name: 00002

Location Name: MW-15 Latitude: Longitude: Well Diameter: 2 IN Casing Type: SCH 40 PVC Screen Length: 16 FT Top of Screen: 22 FT Total Depth: 38.28 FT Initial Depth to Water: 29.54 FT	Pump Type: Geotech 0.166" bladder Tubing Type: 3/8" x 1/4" polyethylene Tubing Inner Diameter: 0.25 IN Tubing Length: 38.5 FT Pump Intake From TOC: 36.5 FT Estimated Total Volume Pumped: 2 GAL Flow Cell Volume: 130 ML Final Flow Rate: 0.2 GALLON_PER_MIN Final Draw Down: 0 FT	Instrument Used: AquaTROLL 600 Serial Number: 465699

Test Notes:

Weather Conditions:
34°F, cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10 %	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
2016-12-09 13:00:51	00:00	6.87 pH	55.53 °F	346.48 µS/cm	4.67 mg/L	289.77 NTU	242.9 mV	29.54 ft	0.10 gal/min
2016-12-09 13:02:21	01:30	6.87 pH	55.57 °F	345.45 µS/cm	4.55 mg/L	247.84 NTU	242.0 mV	29.54 ft	0.10 gal/min
2016-12-09 13:02:51	02:00	6.87 pH	55.45 °F	345.81 µS/cm	4.53 mg/L	254.84 NTU	242.0 mV	29.54 ft	0.10 gal/min
2016-12-09 13:04:27	03:36	6.87 pH	55.57 °F	344.71 µS/cm	4.46 mg/L	207.44 NTU	241.4 mV	29.54 ft	0.10 gal/min
2016-12-09 13:05:57	05:06	6.89 pH	55.62 °F	345.37 µS/cm	4.67 mg/L	235.24 NTU	240.0 mV	29.54 ft	0.10 gal/min
2016-12-09 13:07:27	06:36	6.90 pH	55.46 °F	343.85 µS/cm	4.93 mg/L	197.54 NTU	239.5 mV	29.54 ft	0.10 gal/min
2016-12-09 13:08:57	08:06	6.89 pH	55.54 °F	343.55 µS/cm	4.80 mg/L	140.56 NTU	239.7 mV	29.54 ft	0.10 gal/min
2016-12-09 13:10:27	09:36	6.90 pH	55.54 °F	343.10 µS/cm	4.66 mg/L	123.76 NTU	238.3 mV	29.54 ft	0.10 gal/min

Samples

Sample ID:	Description:

MW15:G120916	

Created using VuSitu from In-Situ, Inc.



Appendix B.2

1Q 2017 Low-Flow Test Report

Low-Flow Test Report:

Test Date / Time: 2017-03-14 11:13:52
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-8 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 20 FT Top of Screen: 20 FT Total Depth: 37.98 FT Initial Depth to Water: 25.99 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 33.5 FT Pump Intake From TOC: 31.98 FT Estimated Total Volume Pumped: 1.25 GAL Flow Cell Volume: 130 ML Final Flow Rate: 350 ml/min Final Draw Down: -1.04 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 11:13:52	00:00	7.71 pH	13.37 °C	263.24 µS/cm	7.77 mg/L	200.04 NTU	45.1 mV	24.90 ft	350.00 ml/min
2017-03-14 11:15:44	01:52	7.44 pH	13.35 °C	263.49 µS/cm	7.74 mg/L	141.56 NTU	98.7 mV	24.97 ft	350.00 ml/min
2017-03-14 11:17:36	03:44	7.41 pH	13.35 °C	263.34 µS/cm	7.73 mg/L	143.98 NTU	119.2 mV	24.97 ft	350.00 ml/min
2017-03-14 11:19:28	05:36	7.39 pH	13.34 °C	263.23 µS/cm	7.73 mg/L	109.69 NTU	130.6 mV	24.95 ft	350.00 ml/min

Samples

Sample ID:	Description:
MW8:G031417	

Low-Flow Test Report:

Test Date / Time: 2017-03-14 12:04:33
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-18 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 26 FT Total Depth: 28.8 FT Initial Depth to Water: 20.84 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 29 FT Pump Intake From TOC: 27.4 FT Estimated Total Volume Pumped: 2.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 325 ml/min Final Draw Down: -0.62 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 12:04:33	00:00	6.73 pH	13.28 °C	286.08 µS/cm	0.30 mg/L	949.53 NTU	26.8 mV	20.15 ft	325.00 ml/min
2017-03-14 12:06:25	01:52	6.72 pH	13.32 °C	288.77 µS/cm	0.26 mg/L	736.92 NTU	16.9 mV	20.20 ft	325.00 ml/min
2017-03-14 12:08:17	03:44	6.70 pH	13.34 °C	291.07 µS/cm	0.22 mg/L	853.31 NTU	8.7 mV	20.23 ft	325.00 ml/min
2017-03-14 12:10:09	05:36	6.71 pH	13.37 °C	294.63 µS/cm	0.20 mg/L	522.17 NTU	-0.1 mV	20.24 ft	325.00 ml/min
2017-03-14 12:12:01	07:27	6.71 pH	13.37 °C	294.30 µS/cm	0.18 mg/L	485.90 NTU	-9.4 mV	20.24 ft	325.00 ml/min
2017-03-14 12:13:53	09:20	6.69 pH	13.39 °C	299.32 µS/cm	0.21 mg/L	40.26 NTU	-23.0 mV	20.18 ft	325.00 ml/min
2017-03-14 12:15:45	11:11	6.69 pH	13.38 °C	299.85 µS/cm	0.16 mg/L	32.17 NTU	-28.3 mV	20.22 ft	325.00 ml/min
2017-03-14 12:17:37	13:03	6.65 pH	13.38 °C	301.58 µS/cm	0.15 mg/L	22.97 NTU	-33.0 mV	20.22 ft	325.00 ml/min

Samples

Sample ID:	Description:

MW18:G031417	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2017-03-14 12:41:55
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-18D Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 57.47 FT Initial Depth to Water: 20.29 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 57.74 FT Pump Intake From TOC: 56.24 FT Estimated Total Volume Pumped: 1 GAL Flow Cell Volume: 130 ML Final Flow Rate: 300 ml/min Final Draw Down: -0.04 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 12:41:55	00:00	8.41 pH	13.13 °C	341.57 µS/cm	3.33 mg/L	175.20 NTU	-57.2 mV	20.25 ft	300.00 ml/min
2017-03-14 12:44:52	02:56	8.28 pH	13.18 °C	167.71 µS/cm	1.67 mg/L	29.75 NTU	-49.6 mV	20.25 ft	300.00 ml/min
2017-03-14 12:47:49	05:53	8.30 pH	13.19 °C	165.48 µS/cm	1.01 mg/L	32.62 NTU	-48.2 mV	20.22 ft	300.00 ml/min
2017-03-14 12:50:46	08:50	8.29 pH	13.19 °C	162.18 µS/cm	0.87 mg/L	35.29 NTU	-47.0 mV	20.21 ft	300.00 ml/min
2017-03-14 12:53:43	11:47	8.29 pH	13.21 °C	161.44 µS/cm	0.79 mg/L	30.28 NTU	-45.3 mV	20.25 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW18D:G031417	

Low-Flow Test Report:

Test Date / Time: 2017-03-14 13:22:31
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-9 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 20 FT Top of Screen: 20 FT Total Depth: 38.65 FT Initial Depth to Water: 24.79 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 33.2 FT Pump Intake From TOC: 31.72 FT Estimated Total Volume Pumped: 0.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 350 ml/min Final Draw Down: -0.18 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 13:22:31	00:00	6.69 pH	13.99 °C	671.38 µS/cm	0.50 mg/L	261.71 NTU	-18.2 mV	24.63 ft	350.00 ml/min
2017-03-14 13:24:22	01:50	6.63 pH	14.00 °C	668.87 µS/cm	0.14 mg/L	187.89 NTU	-20.3 mV	24.62 ft	350.00 ml/min
2017-03-14 13:26:13	03:41	6.63 pH	14.00 °C	666.28 µS/cm	0.12 mg/L	181.55 NTU	-21.4 mV	24.61 ft	350.00 ml/min

Samples

Sample ID:	Description:
MW9:G031417	

Low-Flow Test Report:

Test Date / Time: 2017-03-14 14:26:03
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-11 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 20 FT Top of Screen: 20 FT Total Depth: 40.05 FT Initial Depth to Water: 27.02 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 35 FT Pump Intake From TOC: 33.54 FT Estimated Total Volume Pumped: 1.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 300 ml/min Final Draw Down: -0.19 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 14:26:03	00:00	6.97 pH	14.08 °C	367.71 µS/cm	4.46 mg/L	88.04 NTU	24.1 mV	26.80 ft	300.00 ml/min
2017-03-14 14:28:16	02:12	6.89 pH	14.09 °C	372.33 µS/cm	4.26 mg/L	38.99 NTU	45.0 mV	26.82 ft	300.00 ml/min
2017-03-14 14:30:29	04:25	6.89 pH	14.09 °C	376.92 µS/cm	4.12 mg/L	31.79 NTU	54.1 mV	26.83 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW11:G031417	

Low-Flow Test Report:

Test Date / Time: 2017-03-14 16:34:34
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-4 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 25 FT Total Depth: 32.07 FT Initial Depth to Water: 19.23 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 30 FT Pump Intake From TOC: 28.54 FT Estimated Total Volume Pumped: 0.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 300 ml/min Final Draw Down: -0.03 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 16:34:34	00:00	6.63 pH	14.09 °C	177.01 µS/cm	7.34 mg/L	952.41 NTU	98.1 mV	19.20 ft	300.00 ml/min
2017-03-14 16:36:37	02:02	6.56 pH	14.09 °C	176.84 µS/cm	7.81 mg/L	604.30 NTU	123.2 mV	19.20 ft	300.00 ml/min
2017-03-14 16:38:40	04:05	6.53 pH	14.08 °C	176.99 µS/cm	7.27 mg/L	598.72 NTU	131.9 mV	19.20 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW4:G031417	

Low-Flow Test Report:

Test Date / Time: 2017-03-14 17:49:16
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-19 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 25 FT Total Depth: 33.33 FT Initial Depth to Water: 16.54 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 31 FT Pump Intake From TOC: 29.17 FT Estimated Total Volume Pumped: 2.25 GAL Flow Cell Volume: 130 ML Final Flow Rate: 125 ml/min Final Draw Down: 2.61 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 17:49:16	00:00	6.81 pH	13.20 °C	237.32 µS/cm	5.81 mg/L	519.97 NTU	122.6 mV	18.40 ft	125.00 ml/min
2017-03-14 17:54:18	05:01	6.75 pH	13.09 °C	228.97 µS/cm	5.89 mg/L	443.18 NTU	136.2 mV	18.56 ft	125.00 ml/min
2017-03-14 17:59:20	10:04	6.76 pH	13.09 °C	218.80 µS/cm	6.02 mg/L	404.06 NTU	139.4 mV	18.72 ft	125.00 ml/min
2017-03-14 18:04:22	15:06	6.77 pH	13.20 °C	212.74 µS/cm	6.12 mg/L	382.87 NTU	141.9 mV	18.92 ft	125.00 ml/min
2017-03-14 18:09:24	20:07	6.77 pH	13.19 °C	215.51 µS/cm	6.08 mg/L	432.46 NTU	143.8 mV	19.15 ft	125.00 ml/min

Samples

Sample ID:	Description:
MW19:G031417	

Low-Flow Test Report:

Test Date / Time: 2017-03-14 21:07:54
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-22D Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 50 FT Total Depth: 59.32 FT Initial Depth to Water: 31.26 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 56 FT Pump Intake From TOC: 54.66 FT Estimated Total Volume Pumped: 1 GAL Flow Cell Volume: 130 ML Final Flow Rate: 300 ml/min Final Draw Down: -0.11 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 21:07:54	00:00	7.17 pH	13.57 °C	244.25 µS/cm	0.41 mg/L	184.55 NTU	107.4 mV	31.15 ft	300.00 ml/min
2017-03-14 21:10:48	02:53	7.07 pH	13.57 °C	244.38 µS/cm	0.21 mg/L	116.54 NTU	103.8 mV	31.15 ft	300.00 ml/min
2017-03-14 21:13:42	05:47	7.11 pH	13.54 °C	244.45 µS/cm	0.20 mg/L	104.73 NTU	95.8 mV	31.15 ft	300.00 ml/min
2017-03-14 21:16:36	08:42	7.09 pH	13.54 °C	244.52 µS/cm	0.20 mg/L	83.69 NTU	92.8 mV	31.15 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW22D:G031417	

Low-Flow Test Report:

Test Date / Time: 2017-03-14 22:17:06
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-20D Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 58.75 FT Initial Depth to Water: 28.63 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 58 FT Pump Intake From TOC: 56.88 FT Estimated Total Volume Pumped: 1.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 425 ml/min Final Draw Down: 0.19 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-14 22:17:06	00:00	7.96 pH	14.39 °C	387.34 µS/cm	0.59 mg/L	2,646.9 NTU	72.5 mV	28.82 ft	425.00 ml/min
2017-03-14 22:19:11	02:04	7.96 pH	14.40 °C	387.14 µS/cm	0.19 mg/L	1,921.8 NTU	78.7 mV	28.80 ft	425.00 ml/min
2017-03-14 22:21:16	04:10	7.96 pH	14.40 °C	387.78 µS/cm	0.17 mg/L	1,234.8 NTU	79.3 mV	28.82 ft	425.00 ml/min

Samples

Sample ID:	Description:
MW20D:G031417	

Low-Flow Test Report:

Test Date / Time: 2017-03-15 11:36:22
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-19D Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 55 FT Total Depth: 57.01 FT Initial Depth to Water: 25.85 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 56 FT Pump Intake From TOC: 53 FT Estimated Total Volume Pumped: 1.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 200 ml/min Final Draw Down: 0.11 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-15 11:36:22	00:00	7.32 pH	12.76 °C	172.58 µS/cm	5.61 mg/L	1,020.7 NTU	49.9 mV	26.01 ft	200.00 ml/min
2017-03-15 11:40:43	04:20	7.11 pH	12.77 °C	175.02 µS/cm	3.80 mg/L	525.46 NTU	95.5 mV	25.96 ft	200.00 ml/min
2017-03-15 11:45:04	08:41	7.09 pH	12.73 °C	178.33 µS/cm	3.66 mg/L	378.94 NTU	110.1 mV	26.04 ft	200.00 ml/min
2017-03-15 11:49:25	13:02	7.07 pH	12.70 °C	182.16 µS/cm	3.55 mg/L	339.39 NTU	119.6 mV	26.01 ft	200.00 ml/min
2017-03-15 11:53:46	17:23	7.04 pH	12.66 °C	186.48 µS/cm	3.40 mg/L	311.78 NTU	126.5 mV	25.95 ft	200.00 ml/min
2017-03-15 11:58:07	21:44	7.03 pH	12.64 °C	188.45 µS/cm	3.33 mg/L	229.52 NTU	131.7 mV	26.00 ft	200.00 ml/min
2017-03-15 12:02:28	26:05	7.01 pH	12.61 °C	190.54 µS/cm	3.30 mg/L	224.53 NTU	136.1 mV	25.96 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW19D:G031517	

Low-Flow Test Report:

Test Date / Time: 2017-03-15 13:18:46
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-21D Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 5 FT Top of Screen: 61 FT Total Depth: 64.47 FT Initial Depth to Water: 34.2 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 64 FT Pump Intake From TOC: 62.74 FT Estimated Total Volume Pumped: 1.25 GAL Flow Cell Volume: 130 ML Final Flow Rate: 175 ml/min Final Draw Down: -0.45 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-15 13:18:46	00:00	8.24 pH	12.04 °C	363.01 µS/cm	2.04 mg/L	6,463.2 NTU	-220.9 mV	33.70 ft	175.00 ml/min
2017-03-15 13:24:10	05:23	8.17 pH	12.40 °C	363.24 µS/cm	0.28 mg/L	3,454.4 NTU	-227.9 mV	33.80 ft	175.00 ml/min
2017-03-15 13:29:34	10:47	8.14 pH	12.42 °C	360.82 µS/cm	0.23 mg/L	1,976.7 NTU	-231.7 mV	33.75 ft	175.00 ml/min
2017-03-15 13:34:58	16:11	8.10 pH	12.50 °C	357.60 µS/cm	0.26 mg/L	1,111.1 NTU	-228.6 mV	33.75 ft	175.00 ml/min

Samples

Sample ID:	Description:
MW21D:G031517	

Low-Flow Test Report:

Test Date / Time: 2017-03-15 14:42:22
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-14 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 15 FT Top of Screen: 25 FT Total Depth: 38.73 FT Initial Depth to Water: 30.27 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 36 FT Pump Intake From TOC: 34.49 FT Estimated Total Volume Pumped: 1 GAL Flow Cell Volume: 130 ML Final Flow Rate: 275 ml/min Final Draw Down: -0.22 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-15 14:42:22	00:00	6.68 pH	13.67 °C	372.43 µS/cm	5.69 mg/L	93.50 NTU	-36.6 mV	30.09 ft	275.00 ml/min
2017-03-15 14:44:49	02:27	6.63 pH	13.71 °C	371.27 µS/cm	5.62 mg/L	65.90 NTU	-24.2 mV	30.08 ft	275.00 ml/min
2017-03-15 14:47:16	04:54	6.62 pH	13.73 °C	370.42 µS/cm	5.60 mg/L	47.11 NTU	-13.2 mV	30.05 ft	275.00 ml/min

Samples

Sample ID:	Description:
MW14:G031517	

Low-Flow Test Report:

Test Date / Time: 2017-03-15 16:35:26
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-17D Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 5 FT Top of Screen: 55 FT Total Depth: 56.10 FT Initial Depth to Water: 30.25 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 38 FT Pump Intake From TOC: 35 FT Estimated Total Volume Pumped: 0.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 240 ml/min Final Draw Down: -0.14 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-15 16:35:26	00:00	7.02 pH	14.24 °C	319.72 µS/cm	4.11 mg/L	9.98 NTU	77.1 mV	30.12 ft	240.00 ml/min
2017-03-15 16:38:15	02:48	6.98 pH	14.26 °C	319.34 µS/cm	4.00 mg/L	5.27 NTU	85.2 mV	30.13 ft	240.00 ml/min
2017-03-15 16:41:04	05:37	7.00 pH	14.12 °C	320.49 µS/cm	3.98 mg/L	4.84 NTU	85.9 mV	30.11 ft	240.00 ml/min

Samples

Sample ID:	Description:
MW17D:G031517	

Low-Flow Test Report:

Test Date / Time: 2017-03-15 17:32:08
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-17 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 15 FT Top of Screen: 25 FT Total Depth: 38.73 FT Initial Depth to Water: 30.27 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 36 FT Pump Intake From TOC: 34.49 FT Estimated Total Volume Pumped: 1.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 175 ml/min Final Draw Down: -0.09 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-15 17:32:08	00:00	6.58 pH	13.93 °C	341.42 µS/cm	5.49 mg/L	16,059 NTU	109.7 mV	30.15 ft	175.00 ml/min
2017-03-15 17:37:09	05:00	6.53 pH	13.92 °C	342.26 µS/cm	5.45 mg/L	6,450.4 NTU	130.6 mV	30.15 ft	175.00 ml/min
2017-03-15 17:42:10	10:02	6.52 pH	13.90 °C	343.28 µS/cm	5.52 mg/L	4,422.1 NTU	135.3 mV	30.18 ft	175.00 ml/min

Samples

Sample ID:	Description:
MW17:G031517	

Low-Flow Test Report:

Test Date / Time: 2017-03-15 19:13:56
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-16 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 15 FT Top of Screen: 25 FT Total Depth: 39.16 FT Initial Depth to Water: 29.75 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 36 FT Pump Intake From TOC: 34.21 FT Estimated Total Volume Pumped: 1.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 300 ml/min Final Draw Down: -0.2 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-15 19:13:56	00:00	6.74 pH	13.81 °C	393.76 µS/cm	5.97 mg/L	5.43 NTU	183.3 mV	29.53 ft	300.00 ml/min
2017-03-15 19:16:11	02:14	6.71 pH	13.85 °C	393.74 µS/cm	5.96 mg/L	5.05 NTU	174.8 mV	29.53 ft	300.00 ml/min
2017-03-15 19:18:26	04:29	6.73 pH	13.50 °C	392.77 µS/cm	6.00 mg/L	9.03 NTU	168.8 mV	29.55 ft	300.00 ml/min
2017-03-15 19:20:41	06:44	6.73 pH	13.73 °C	394.33 µS/cm	5.99 mg/L	8.75 NTU	163.7 mV	29.55 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW16:G031517	

Low-Flow Test Report:

Test Date / Time: 2017-03-15 20:14:19
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-10 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 20 FT Top of Screen: 10 FT Total Depth: 29.26 FT Initial Depth to Water: 5.7 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 21 FT Pump Intake From TOC: 19.63 FT Estimated Total Volume Pumped: 1 GAL Flow Cell Volume: 130 ML Final Flow Rate: 300 ml/min Final Draw Down: 0.07 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-15 20:14:19	00:00	6.88 pH	12.04 °C	115.56 µS/cm	9.04 mg/L	63.26 NTU	139.9 mV	5.77 ft	300.00 ml/min
2017-03-15 20:16:05	01:46	6.83 pH	11.99 °C	115.57 µS/cm	9.03 mg/L	39.39 NTU	146.7 mV	5.75 ft	300.00 ml/min
2017-03-15 20:17:51	03:32	6.84 pH	11.96 °C	115.56 µS/cm	9.06 mg/L	56.39 NTU	147.6 mV	5.77 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW10:G031517	

Low-Flow Test Report:

Test Date / Time: 2017-03-16 10:59:56
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-15D Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 55 FT Total Depth: 60.15 FT Initial Depth to Water: 28.05 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 59 FT Pump Intake From TOC: 57.58 FT Estimated Total Volume Pumped: 1.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 300 ml/min Final Draw Down: 0.16 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-16 10:59:56	00:00	7.57 pH	12.81 °C	258.43 µS/cm	6.36 mg/L	151.00 NTU	65.0 mV	28.20 ft	300.00 ml/min
2017-03-16 11:02:55	02:59	7.41 pH	12.81 °C	257.64 µS/cm	6.05 mg/L	133.59 NTU	131.4 mV	28.21 ft	300.00 ml/min
2017-03-16 11:05:54	05:57	7.37 pH	12.86 °C	257.41 µS/cm	6.03 mg/L	108.52 NTU	147.5 mV	28.21 ft	300.00 ml/min
2017-03-16 11:08:53	08:57	7.42 pH	12.90 °C	256.98 µS/cm	6.04 mg/L	97.34 NTU	140.9 mV	28.21 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW15D:G031617	

Low-Flow Test Report:

Test Date / Time: 2017-03-16 11:49:22
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-15 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 16 FT Top of Screen: 22 FT Total Depth: 38.23 FT Initial Depth to Water: 27.72 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 34.5 FT Pump Intake From TOC: 32.98 FT Estimated Total Volume Pumped: 1.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 350 ml/min Final Draw Down: -0.01 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-16 11:49:22	00:00	6.87 pH	12.68 °C	352.56 µS/cm	1.65 mg/L	55.92 NTU	141.0 mV	27.71 ft	350.00 ml/min
2017-03-16 11:51:15	01:53	6.82 pH	12.75 °C	349.58 µS/cm	1.62 mg/L	36.47 NTU	143.4 mV	27.71 ft	350.00 ml/min
2017-03-16 11:53:08	03:45	6.79 pH	12.88 °C	346.86 µS/cm	1.60 mg/L	36.39 NTU	145.3 mV	27.71 ft	350.00 ml/min

Samples

Sample ID:	Description:
MW15:G031617	

Low-Flow Test Report:

Test Date / Time: 2017-03-16 13:54:44
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-101 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 20 FT Total Depth: 29.15 FT Initial Depth to Water: 25.11 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 25.5 FT Pump Intake From TOC: 27.13 FT Estimated Total Volume Pumped: 1 GAL Flow Cell Volume: 130 ML Final Flow Rate: 450 ml/min Final Draw Down: 0.11 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-16 13:54:44	00:00	6.68 pH	13.93 °C	533.23 µS/cm	0.62 mg/L	46.93 NTU	166.2 mV	25.25 ft	450.00 ml/min
2017-03-16 13:56:00	01:15	6.53 pH	13.95 °C	531.41 µS/cm	0.44 mg/L	37.02 NTU	174.5 mV	25.21 ft	450.00 ml/min
2017-03-16 13:57:16	02:31	6.50 pH	13.94 °C	529.84 µS/cm	0.39 mg/L	28.23 NTU	179.7 mV	25.20 ft	450.00 ml/min
2017-03-16 13:58:32	03:48	6.50 pH	13.93 °C	528.05 µS/cm	0.36 mg/L	31.30 NTU	183.1 mV	25.22 ft	450.00 ml/min

Samples

Sample ID:	Description:
MW101:G031617	

Low-Flow Test Report:

Test Date / Time: 2017-03-16 15:05:49
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-23 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 25 FT Total Depth: 34.72 FT Initial Depth to Water: 26.8 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 32.5 FT Pump Intake From TOC: 30.76 FT Estimated Total Volume Pumped: 0.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 450 ml/min Final Draw Down: 0.52 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-16 15:05:49	00:00	6.52 pH	14.86 °C	516.12 µS/cm	1.14 mg/L	48.11 NTU	160.1 mV	27.28 ft	450.00 ml/min
2017-03-16 15:07:14	01:25	6.43 pH	14.82 °C	514.20 µS/cm	1.16 mg/L	51.95 NTU	163.8 mV	27.27 ft	450.00 ml/min
2017-03-16 15:08:39	02:50	6.39 pH	14.72 °C	513.24 µS/cm	1.19 mg/L	24.19 NTU	167.6 mV	27.28 ft	450.00 ml/min
2017-03-16 15:10:04	04:15	6.38 pH	14.92 °C	511.49 µS/cm	1.19 mg/L	21.93 NTU	173.5 mV	27.30 ft	450.00 ml/min

Samples

Sample ID:	Description:
MW23:G031617	

Low-Flow Test Report:

Test Date / Time: 2017-03-16 17:13:44
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-12 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 15 FT Top of Screen: 18 FT Total Depth: 32.37 FT Initial Depth to Water: 23.05 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 29 FT Pump Intake From TOC: 27.71 FT Estimated Total Volume Pumped: 0.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 400 ml/min Final Draw Down: 0.2 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-16 17:13:44	00:00	7.14 pH	15.22 °C	325.12 µS/cm	5.72 mg/L	42.55 NTU	149.6 mV	23.27 ft	400.00 ml/min
2017-03-16 17:15:15	01:31	6.99 pH	14.77 °C	326.01 µS/cm	5.69 mg/L	26.09 NTU	156.8 mV	23.28 ft	400.00 ml/min
2017-03-16 17:16:46	03:01	6.94 pH	14.79 °C	325.68 µS/cm	5.75 mg/L	26.19 NTU	158.8 mV	23.27 ft	400.00 ml/min
2017-03-16 17:18:17	04:33	6.91 pH	14.51 °C	326.28 µS/cm	5.72 mg/L	19.97 NTU	159.6 mV	23.25 ft	400.00 ml/min

Samples

Sample ID:	Description:
MW12:G031617	

Low-Flow Test Report:

Test Date / Time: 2017-03-16 18:16:41
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-5 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 31.5 FT Total Depth: 40.27 FT Initial Depth to Water: 25.7 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 37 FT Pump Intake From TOC: 35.89 FT Estimated Total Volume Pumped: 1.5 GAL Flow Cell Volume: 130 ML Final Flow Rate: 200 ml/min Final Draw Down: 0.15 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-16 18:16:41	00:00	6.88 pH	13.90 °C	343.74 µS/cm	6.24 mg/L	112.19 NTU	151.0 mV	25.82 ft	200.00 ml/min
2017-03-16 18:20:07	03:26	6.87 pH	13.91 °C	343.93 µS/cm	6.22 mg/L	114.63 NTU	151.8 mV	25.86 ft	200.00 ml/min
2017-03-16 18:23:33	06:52	6.85 pH	13.92 °C	342.96 µS/cm	6.21 mg/L	98.30 NTU	165.4 mV	25.85 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW5:G031617	

Low-Flow Test Report:

Test Date / Time: 2017-03-16 20:37:33
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-6 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 10 FT Top of Screen: 31.5 FT Total Depth: 40.7 FT Initial Depth to Water: 26.86 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 38 FT Pump Intake From TOC: 36.1 FT Estimated Total Volume Pumped: 1 GAL Flow Cell Volume: 130 ML Final Flow Rate: 200 ml/min Final Draw Down: 0.19 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-16 20:37:33	00:00	7.05 pH	13.98 °C	338.32 µS/cm	5.74 mg/L	1,935.0 NTU	171.4 mV	27.05 ft	200.00 ml/min
2017-03-16 20:41:02	03:29	6.84 pH	13.83 °C	337.92 µS/cm	5.49 mg/L	1,707.0 NTU	179.4 mV	27.05 ft	200.00 ml/min
2017-03-16 20:44:31	06:58	6.75 pH	13.79 °C	338.45 µS/cm	5.48 mg/L	1,486.5 NTU	191.2 mV	27.05 ft	200.00 ml/min
2017-03-16 20:48:00	10:27	6.74 pH	13.69 °C	338.46 µS/cm	5.48 mg/L	1,153.1 NTU	199.7 mV	27.05 ft	200.00 ml/min
2017-03-16 20:51:29	13:55	6.97 pH	13.64 °C	337.44 µS/cm	5.48 mg/L	1,497.0 NTU	184.4 mV	27.05 ft	200.00 ml/min
2017-03-16 20:54:58	17:25	6.98 pH	13.61 °C	336.44 µS/cm	5.48 mg/L	1,095.1 NTU	178.3 mV	27.05 ft	200.00 ml/min
2017-03-16 20:58:27	20:53	7.00 pH	13.59 °C	335.55 µS/cm	5.49 mg/L	979.06 NTU	174.2 mV	27.05 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW6:G031617	

Low-Flow Test Report:

Test Date / Time: 2017-03-16 21:56:32
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-1D Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 5 FT Top of Screen: 50 FT Total Depth: 52.75 FT Initial Depth to Water: 25.72 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 52 FT Pump Intake From TOC: 49 FT Estimated Total Volume Pumped: 0.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 275 ml/min Final Draw Down: 0.32 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-16 21:56:32	00:00	8.06 pH	12.91 °C	388.77 µS/cm	2.51 mg/L	447.26 NTU	128.5 mV	26.06 ft	275.00 ml/min
2017-03-16 21:59:33	03:00	7.92 pH	13.39 °C	382.40 µS/cm	1.45 mg/L	198.78 NTU	128.9 mV	26.05 ft	275.00 ml/min
2017-03-16 22:02:34	06:02	7.71 pH	13.48 °C	371.46 µS/cm	2.14 mg/L	99.61 NTU	132.2 mV	26.05 ft	275.00 ml/min
2017-03-16 22:05:35	09:02	7.65 pH	13.48 °C	367.74 µS/cm	2.53 mg/L	69.37 NTU	132.9 mV	26.03 ft	275.00 ml/min
2017-03-16 22:08:36	12:04	7.65 pH	13.53 °C	365.68 µS/cm	2.63 mg/L	61.02 NTU	132.1 mV	26.04 ft	275.00 ml/min

Samples

Sample ID:	Description:
MW1D:G031617	

Low-Flow Test Report:

Test Date / Time: 2017-03-17 12:23:59
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-13 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 15 FT Top of Screen: 20 FT Total Depth: 34.75 FT Initial Depth to Water: 21.71 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 30 FT Pump Intake From TOC: 28.23 FT Estimated Total Volume Pumped: 0.75 GAL Flow Cell Volume: 130 ML Final Flow Rate: 425 ml/min Final Draw Down: 0.04 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-17 12:23:59	00:00	6.85 pH	12.66 °C	144.21 µS/cm	9.77 mg/L	2,151.1 NTU	120.7 mV	21.70 ft	425.00 ml/min
2017-03-17 12:25:26	01:26	6.84 pH	12.69 °C	145.19 µS/cm	9.73 mg/L	1,378.4 NTU	129.5 mV	21.73 ft	425.00 ml/min
2017-03-17 12:26:53	02:54	6.78 pH	12.70 °C	145.92 µS/cm	9.60 mg/L	1,324.0 NTU	135.0 mV	21.75 ft	425.00 ml/min

Samples

Sample ID:	Description:
MW13:G031717	

Low-Flow Test Report:

Test Date / Time: 2017-03-17 13:23:08
Project: WAKS2510C7.2
Operator Name: Tim Cornett

Location Name: 2510MW-1 Latitude: Longitude: Well Diameter: 2 IN Casing Type: Screen Length: 20 FT Top of Screen: 22 FT Total Depth: 40.55 FT Initial Depth to Water: 25.26 FT	Pump Type: GeoTech Teflon bladder Tubing Type: Teflon Tubing Inner Diameter: 0.25 IN Tubing Length: 34.5 FT Pump Intake From TOC: 32.91 FT Estimated Total Volume Pumped: 1 GAL Flow Cell Volume: 130 ML Final Flow Rate: 250 ml/min Final Draw Down: 1.73 FT	Instrument Used: AquaTROLL 600 Vented Serial Number: 453016

Test Notes:
The ELAM Group
Former Cherry Cleaners
AquaTroll 600

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
2017-03-17 13:23:08	00:00	4.08 pH	12.63 °C	1,909.1 µS/cm	0.33 mg/L	176.38 NTU	95.6 mV	26.60 ft	250.00 ml/min
2017-03-17 13:25:47	02:39	4.09 pH	13.11 °C	2,301.6 µS/cm	0.25 mg/L	135.65 NTU	83.9 mV	26.73 ft	250.00 ml/min
2017-03-17 13:28:26	05:18	4.08 pH	13.18 °C	2,287.0 µS/cm	0.20 mg/L	68.94 NTU	84.9 mV	26.85 ft	250.00 ml/min
2017-03-17 13:31:05	07:57	4.07 pH	13.10 °C	2,289.5 µS/cm	0.20 mg/L	94.26 NTU	88.8 mV	26.99 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW1:G031717	
FD2:G031717	



Appendix B.3

2Q 2017 Low-Flow Test Report

Project Number: WAKS2510C7.2Date Gauged: ²⁶6-27-17Personnel: T. CornettDate Sampled: 6-27-17**WELL INFORMATION**Well ID MW-220Well Diameter (in) 2Depth to Water (ft below TOC) 29.74Depth to Bottom (ft below TOC) 59.85Depth to Screen (ft below TOC) 50Pump Intake (ft below TOC) 54.93**PURGING INFORMATION**Start Time ~~0840~~ 0924Flow rate (mL/min) 300 3:30Total Purged (gal) 1.75Sample Time ~~3:30~~ 0945Sample ID MW220: 6062717**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
0930	12.76	6.85	0.218	58	394	0.84	29.88
0933	12.53	6.83	0.219	59	315	0.62	29.88
0938	12.49	6.82	0.219	62	261	0.92	29.88

Comments:

Project Number: W4KS 2510C 2.2Date Gauged: 6-26-17Personnel: TLDate Sampled: 6-27-17**WELL INFORMATION**Well ID MW-200Well Diameter (in) 2Depth to Water (ft below TOC) 27.59Depth to Bottom (ft below TOC) 55 59.51Depth to Screen (ft below TOC) 55Pump Intake (ft below TOC) 57.26**PURGING INFORMATION**Start Time 1028Flow rate (mL/min) 350 2:48Total Purged (gal) 3 1.5Sample Time 1050Sample ID MW200: 6062717**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1033	13.18	7.51	0.323	56	19.8	48.86	28.92
1036	13.14	7.60	0.331	57	10.8	12.10	28.92
1040	12.99	7.67	0.335	65	3.6	8.89	28.92
1043	13.01	7.69	0.336	68	2.6	9.00	28.92
1046	12.94	7.69	0.338	70	0.5	8.44	28.92

Comments:

Project Number: VAKS 2510CDate Gauged: 6-26-17Personnel: TLDate Sampled: 6-27-17**WELL INFORMATION**Well ID MLV-190Well Diameter (in) 2Depth to Water (ft below TOC) 24.86Depth to Bottom (ft below TOC) 55Depth to Screen (ft below TOC) 57.92Pump Intake (ft below TOC) 54.50**PURGING INFORMATION**Start Time 1232Flow rate (mL/min) 300 3:30Total Purged (gal) 1.5Sample Time 1305Sample ID MLV190:G062717**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1243	12.90	6.71	0.161	138	120	11.06	25.46
1247	12.87	6.67	0.159	142	102	9.36	25.40
1250	12.84	6.67	0.158	144	84.6	8.45	25.40
1253	12.87	6.67	0.158	146	73.8	8.22	25.40
1257	12.97	6.65	0.158	149	64.3	7.73	25.40
1300	12.96	6.66	0.159	150	62.5	7.19	25.40

Comments:

Project Number: WAKS2510C7.2Date Gauged: 6-26-17Personnel: TLDate Sampled: 6-27-17**WELL INFORMATION**Well ID MW-19Well Diameter (in) 2Depth to Water (ft below TOC) 17.13Depth to Bottom (ft below TOC) 25Depth to Screen (ft below TOC) 33.29Pump Intake (ft below TOC) 29.15**PURGING INFORMATION**Start Time 1334Flow rate (mL/min) 300 2:41Total Purged (gal) 1.0Sample Time 1355Sample ID MW/19: 6062717**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1345	13.74	6.51	0.219	172	30.1	10.18	18.16
1347	13.55	6.51	0.220	175	29.3	10.05	18.50
1350	13.81	6.50	0.220	177	22.7	9.68	18.67

Comments:

Project Number: WAK52510C7.2Date Gauged: 6-26-17Personnel: TCDate Sampled: 6-27-17**WELL INFORMATION**Well ID mw-180Well Diameter (in) 2Depth to Water (ft below TOC) 19.32↗ Depth to Bottom (ft below TOC) 55↘ Depth to Screen (ft below TOC) 58.51Pump Intake (ft below TOC) 56.76**PURGING INFORMATION**Start Time 1435Flow rate (mL/min) 275 28 3:53Total Purged (gal) 0.75Sample Time 1510Sample ID 6-27-17mw180:6062717**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1447	17.07	7.35	0.265	141	13.9	37.81	19.52
1450	16.32	7.72	0.287	130	13.1	9.52	19.52
1454	16.51	8.03	0.288	121	12.1	8.85	19.52
1458	16.23	8.16	0.292	111	11.3	8.30	19.52
1502	16.06	8.20	0.293	101	11.6	7.80	19.52
1506	15.88	8.20	0.293	99	11.4	7.69	19.52

Comments:

Project Number: WAKS 2510CDate Gauged: 6-26-17Personnel: TCDate Sampled: 6-27-17**WELL INFORMATION**Well ID mw-18Well Diameter (in) 2Depth to Water (ft below TOC) 18.91Depth to Bottom (ft below TOC) 26Depth to Screen (ft below TOC) 28.98Pump Intake (ft below TOC) 27.49**PURGING INFORMATION**Start Time 1552Flow rate (mL/min) 350 2:15Total Purged (gal) 1.0Sample Time 1620Sample ID MW18: 60602717**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1605	14.27	6.51	0.299	-66	88.8	5.08	19.40
1607	14.27	6.52	0.300	-69	69.0	5.08	19.40
1609	13.50	6.50	0.308	-71	33.4	5.29	19.40
1611	13.67	6.52	0.311	-72	31.5	6.38	19.40
1614	13.36	6.51	0.313	-74	18.7	8.30	19.40

Comments:

Project Number: WAKS2510C7.2Date Gauged: 6-27-17²⁶Personnel: TL JODate Sampled: 6-27-17**WELL INFORMATION**Well ID MLV10Well Diameter (in) 6.67 2Depth to Water (ft below TOC) 6.67Depth to Bottom (ft below TOC) 25.22 10Depth to Screen (ft below TOC) 25.22Pump Intake (ft below TOC) 17.61**PURGING INFORMATION**Start Time 1730Flow rate (mL/min) 350 2:00Total Purged (gal) 1.0Sample Time 1750Sample ID MLV10:6062717**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1740	12.94	6.46	0.091	86	2.5	~~50.00~~ 10.57*	7.20
1742	12.97	6.48	0.107	104	0.9	8.97	7.20
1744	13.04	6.49	0.106	115	0.0	8.23	7.20
1746	13.03	6.48	0.104	127	0.0	7.80	7.20
1748	12.91	6.46	0.102	136	0.0	7.88	7.20

Comments: * Probe needed more time to set, cleared then ~~reset~~ reset measurement

Project Number: WAKS 2510C22Date Gauged: 6-26-17Personnel: TL JODate Sampled: 6-27-17**WELL INFORMATION****PURGING INFORMATION**Well ID MW-210Start Time 1810Well Diameter (in) 2Flow rate (mL/min) 350 3:30Depth to Water (ft below TOC) 32.13Total Purged (gal) 1.25Depth to Bottom (ft below TOC) 61Depth to Screen (ft below TOC) 65.31Sample Time 1840Pump Intake (ft below TOC) 63.15Sample ID MW210:6062717**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1830	13.82	7.65	0.309	-64	0.0	0.00	32.80
1833	13.87	7.65	0.310	-72	0.0	0.00	32.80
1837	13.78	7.60	0.307	-76	0.0	0.00	32.80

Comments:

Project Number: WAKS 2510C7.2Date Gauged: 6-28-17Personnel: TLDate Sampled: 6-28-17**WELL INFORMATION**Well ID MW-170Well Diameter (in) 2Depth to Water (ft below TOC) 28.75Depth to Bottom (ft below TOC) 55Depth to Screen (ft below TOC) 56.92Pump Intake (ft below TOC) 54**PURGING INFORMATION**Start Time 1220Flow rate (mL/min) 350 3:00Total Purged (gal) 0.75Sample Time 1240Sample ID MW170: G062817**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1230	13.75	6.91	0.309	180	0.0	12.87	29.05
1233	13.62	6.90	0.309	179	0.0	3.13	29.05
1236	13.55	6.90	0.307	178	0.0	2.45	29.05

Comments:

Project Number: WAKS 2510C 7.2Date Gauged: 6-28-17Personnel: TLDate Sampled: 6-28-17**WELL INFORMATION**Well ID MW-17Well Diameter (in) 2Depth to Water (ft below TOC) 28.78Depth to Bottom (ft below TOC) 25Depth to Screen (ft below TOC) 39.08Pump Intake (ft below TOC) 33.93**PURGING INFORMATION**Start Time 1304Flow rate (mL/min) 350 2:27Total Purged (gal) 1.25Sample Time 1325Sample ID MW17: G062817**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1313	14.04	6.37	0.289	194	161	5.18	29.10
1315	13.66	6.35	0.288	197	100	3.86	29.10
1318	13.55	6.34	0.288	200	65.9	3.68	29.10
1320	13.55	6.33	0.286	202	54.6	3.38	29.10

Comments:

Project Number: WAKS 2510C 7.2Date Gauged: 6-26-17Personnel: TLDate Sampled: 6-28-17**WELL INFORMATION**Well ID MW-14Well Diameter (in) 2Depth to Water (ft below TOC) 28.62Depth to Bottom (ft below TOC) 25Depth to Screen (ft below TOC) 39.60Pump Intake (ft below TOC) 34.11**PURGING INFORMATION**Start Time 0846Flow rate (mL/min) 325 2:38Total Purged (gal) 0.75Sample Time 0910Sample ID MW14! 6062817**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
0856	13.06	6.52	0.374	182	7.2	5.07	28.85
0859	12.95	6.49	0.367	185	3.7	4.57	28.85
0902	12.86	6.48	0.363	188	0.2	4.37	28.85
0905	12.85	6.47	0.361	190	0.0	4.15	28.85

Comments:

Project Number: AWAKS 2510C7.2Date Gauged: 6-26-17Personnel: TCDate Sampled: 6-28-17**WELL INFORMATION**Well ID MW-8Well Diameter (in) 2Depth to Water (ft below TOC) 23.47Depth to Bottom (ft below TOC) 20Depth to Screen (ft below TOC) 39.55Pump Intake (ft below TOC) 31.51**PURGING INFORMATION**Start Time 0940Flow rate (mL/min) 350 2:20Total Purged (gal) 1.0Sample Time 1005Sample ID MW8: 60642817**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
0949	11.67	6.90	0.227	182	167	43.24	23.76
0951	11.55	6.93	0.225	182	152	7.96	23.76
0953	11.41	6.94	0.224	183	124	6.96	23.76
0956	11.40	6.96	0.224	184	70.5	6.41	23.76
0958	11.34	6.96	0.224	184	40.8	6.46	23.76

Comments:

Project Number: WAKS 2510C 7.2Date Gauged: 6-26-17Personnel: TLDate Sampled: 6-28-17**WELL INFORMATION**Well ID MW-12Well Diameter (in) 2Depth to Water (ft below TOC) 21.76Depth to Bottom (ft below TOC) 18Depth to Screen (ft below TOC) 32.57Pump Intake (ft below TOC) 27.17**PURGING INFORMATION**Start Time 1025Flow rate (mL/min) 350 2:15Total Purged (gal) 1.0Sample Time 1045Sample ID MW12:G062817**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1035	12.00	7.06	0.296	182	0.7	9.53	22.00
1037	11.93	7.06	0.299	181	5.4	11.01	22.00
1039	11.93	7.06	0.299	180	12.0	10.85	22.00

Comments:

Project Number: WAKS 2510C 7.2Date Gauged: 6-26-17Personnel: TCDate Sampled: 6-28-17**WELL INFORMATION**Well ID MW-9Well Diameter (in) 2Depth to Water (ft below TOC) 23.54Depth to Bottom (ft below TOC) 20Depth to Screen (ft below TOC) 38.58Pump Intake (ft below TOC) 31.06**PURGING INFORMATION**Start Time 1425Flow rate (mL/min) 350 2:22Total Purged (gal) 1.25Sample Time 1445Sample ID MW9:G062817**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1433	14.34	6.42	0.609	-41	25.1	10.79	23.72
1435	13.79	6.42	0.626	-44	18.7	10.26	23.72
1438	13.66	6.42	0.635	-46	15.9	9.53	23.72
1440	13.65	6.42	0.635	-46	15.6	9.20	23.72

Comments:

Project Number: WAKS2510C2.2Date Gauged: 6-26-17Personnel: TCDate Sampled: 6-28-17**WELL INFORMATION**Well ID MW-11Well Diameter (in) 2Depth to Water (ft below TOC) 24.35Depth to Bottom (ft below TOC) 50Depth to Screen (ft below TOC) 52.91Pump Intake (ft below TOC) 50**PURGING INFORMATION**Start Time 1515Flow rate (mL/min) 750 2:53Total Purged (gal) 1.0Sample Time 1535Sample ID MW10: G062817**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1524	14.67	7.25	0.311	-21	4.5	49.78	24.85
1527	14.26	7.37	0.313	-9	2.1	11.66	24.85
1530	14.25	7.44	0.310	9	0.0	10.73	24.85
1533	13.96	7.46	0.308	28	0.0	10.87	24.85

Comments:

Project Number: VAKS 2510C 7.2Date Gauged: 6-26-17Personnel: TC, JODate Sampled: 6-28-17**WELL INFORMATION**Well ID MLW-4Well Diameter (in) 2Depth to Water (ft below TOC) 18.07↻ Depth to Bottom (ft below TOC) 25↻ Depth to Screen (ft below TOC) 32.17Pump Intake (ft below TOC) 28.59**PURGING INFORMATION**Start Time 1603Flow rate (mL/min) 350 2:17Total Purged (gal) 1.25Sample Time 1630Sample ID MLW4: G062817**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1610	14.95	6.43	0.181	162	321	11.41	18.30
1612	14.54	6.38	0.169	173	347	6.57	18.30
1614	14.14	6.38	0.157	184	342	5.88	18.30
1617	13.83	6.33	0.152	195	328	5.53	18.30
1619	13.40	6.32	0.152	201	325	6.07	18.30
1621	13.28	6.31	0.151	285	285	5.80	18.30
1624	13.25	6.32	0.149	210	221	5.72	18.30

Comments:

Project Number: WAKS2510C7.2Date Gauged: 6-26-17Personnel: TLDate Sampled: 6-29-17**WELL INFORMATION**Well ID MW-16Well Diameter (in) 2Depth to Water (ft below TOC) 28.26↪ Depth to Bottom (ft below TOC) 25Depth to Screen (ft below TOC) 39.74Pump Intake (ft below TOC) 34.01**PURGING INFORMATION**Start Time 0810Flow rate (mL/min) 350 2126Total Purged (gal) 1.0Sample Time 0830Sample ID MW16:6062917**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
0821	13.51	6.58	0.351	192	15.4	5.02	28.59
0823	12.98	6.57	0.353	193	15.4	4.65	28.56
0826	13.02	6.56	0.352	195	15.9	4.07	28.56
0828	12.93	6.56	0.352	196	16.7	3.92	28.56

Comments:

Project Number: WAKS2510C7.2Date Gauged: 6-26-17Personnel: TLDate Sampled: 6-29-17**WELL INFORMATION**Well ID MW-15DWell Diameter (in) 2Depth to Water (ft below TOC) 26.80Depth to Bottom (ft below TOC) 55Depth to Screen (ft below TOC) 59.46Pump Intake (ft below TOC) 57.23**PURGING INFORMATION**Start Time 0910Flow rate (mL/min) 350 3:05Total Purged (gal) 1.0Sample Time 0935Sample ID MW15D: 6062917**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
0917	13.77	6.92	0.252	184	16.8	34.35	27.00
0920	13.54	7.16	0.239	180	17.3	11.50	22.00
0923	13.05	7.23	0.233	179	33.8	11.33	22.00
0926	12.72	7.24	0.232	178	22.9	11.12	27.00
0929	12.61	7.24	0.231	178	56.1	10.92	27.00
0932	12.60	7.24	0.231	177	79.4	10.37	27.00

Comments:

Project Number: WAKS2510672Date Gauged: 6-26-17Personnel: TL JODate Sampled: 6-29-17**WELL INFORMATION**Well ID ML-5Well Diameter (in) 2Depth to Water (ft below TOC) 23.78Depth to Bottom (ft below TOC) 31.50Depth to Screen (ft below TOC) 40.41Pump Intake (ft below TOC) 35.96**PURGING INFORMATION**Start Time 1100Flow rate (mL/min) 125, 7minTotal Purged (gal) 0.75Sample Time 1145Sample ID ML5:6062917**STABILIZATION PARAMETERS**

		All 3 must stabilize			At least 1 must stabilize			
		TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
Units		C		mS/cm	mV	NTU	mg/L	(ft)
Time		3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1118	0	17.35	6.77	0.345	181	4.3	7.15	24.16
1125	7:00	17.46	6.82	0.328	188	3.4	5.73	24.23
1132	14:00	17.49	6.85	0.320	194	2.7	5.29	24.19
1139	21:00	17.61	6.85	0.317	196	4.4	5.26	24.20

Comments:

Project Number: WAKS 2510C2.2Date Gauged: 6-28-17Personnel: TC, JODate Sampled: 6-29-17**WELL INFORMATION**Well ID MW-13Well Diameter (in) 2Depth to Water (ft below TOC) 20.43Depth to Bottom (ft below TOC) 20Depth to Screen (ft below TOC) 34.71Pump Intake (ft below TOC) 27.57**PURGING INFORMATION**Start Time 1200Flow rate (mL/min) 200 3:57Total Purged (gal) 1.25Sample Time 1235Sample ID MW13: G062917**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
12:16	17.34	6.27	0.132	209	8.0	8.62	20.71
1220	16.24	6.26	0.137	216	7.9	8.02	20.73
1224	16.04	6.25	0.135	220	6.9	7.91	20.75
1228	16.24	6.26	0.133	222	6.4	8.43	20.75
1232	16.66	6.26	0.132	223	5.6	8.41	20.73

Comments:

Project Number: WAKS2510C 2.2Date Gauged: 6-26-17Personnel: TL JODate Sampled: 6-29-17**WELL INFORMATION**Well ID MW-6Well Diameter (in) 2Depth to Water (ft below TOC) 25.43Depth to Bottom (ft below TOC) 31.50Depth to Screen (ft below TOC) 40.84Pump Intake (ft below TOC) 36.17**PURGING INFORMATION**Start Time 1413 2:30Flow rate (mL/min) 350Total Purged (gal) 1.25Sample Time 1435Sample ID MW6: 60628 062917**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1420	17.54	6.76	0.264	198	5.7	11.04	25.72
1422	17.01	6.80	0.274	195	6.1	10.72	25.72
1425	15.82	6.80	0.284	196	6.4	10.80	25.72
1427	15.22	6.80	0.285	195	3.6	11.18	25.72
1430	14.88	6.80	0.288	192	3.4	11.06	25.72
1432	15.07	6.81	0.289	196	3.3	10.52	25.72

Comments:

Project Number: WAKS 2510C 7.2Date Gauged: 6-26-17Personnel: TCDate Sampled: 6-29-17**WELL INFORMATION**Well ID MW-1Well Diameter (in) 2Depth to Water (ft below TOC) 24.85Depth to Bottom (ft below TOC) 22Depth to Screen (ft below TOC) 40.58Pump Intake (ft below TOC) 32.72**PURGING INFORMATION**Start Time 1503Flow rate (mL/min) 325 2:36Total Purged (gal) 0.75Sample Time 1530Sample ID MW1: G062917FD1: G062917**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1514	15.78	4.22	1.62	185	12.1	6.36	25.32
1516	14.86	4.20	1.69	152	11.5	6.74	25.49
1519	14.70	4.21	1.73	150	9.6	6.12	25.70
1521	14.72	4.21	1.73	149	10.8	5.78	25.74
1524	15.06	4.21	1.74	147	10.3	5.63	25.85

Comments: Discharge time was lowered in attempt to reduce draw down during purge time.

Project Number: WAKS 2510C7.2Date Gauged: 6-26-17Personnel: TL, JODate Sampled: 6-29-17**WELL INFORMATION**Well ID MW-101Well Diameter (in) 2Depth to Water (ft below TOC) 23.72Depth to Bottom (ft below TOC) 20Depth to Screen (ft below TOC) 29.31Pump Intake (ft below TOC) 26.52**PURGING INFORMATION**Start Time 10:15Flow rate (mL/min) 350 2:12Total Purged (gal) 1.0Sample Time 1035Sample ID MW101: G062917**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1022	13.60	6.27	0.421	204	6.7	5.24	24.00
1024	13.36	6.24	0.444	209	2.9	4.83	24.00
1026	13.05	6.23	0.457	213	1.7	5.19	24.00
1028	12.93	6.23	0.461	216	0.6	4.48	24.00
1031	12.86	6.23	0.465	217	0.0	4.59	24.00

Comments:

Project Number: WAKS2510C7.2Date Gauged: 6-26-17Personnel: TL, JODate Sampled: 6-29-17**WELL INFORMATION**Well ID MV-23Well Diameter (in) 2Depth to Water (ft below TOC) 25.54Depth to Bottom (ft below TOC) 25Depth to Screen (ft below TOC) 33.69Pump Intake (ft below TOC) 29.62**PURGING INFORMATION**Start Time 1651Flow rate (mL/min) 240 3:22Total Purged (gal) 1.0Sample Time 1720Sample ID MW23:G062917**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
1700	17.14	5.98	0.567	41	1.7	0.94	25.84
1703	16.50	6.27	0.509	30	1.2	0.60	25.84
1706	15.55	6.37	0.496	40	0.4	0.60	25.84
1709	15.29	6.40	0.482	58	0.0	0.60	25.84
1713	15.18	6.42	0.480	73	0.0	0.60	25.84
1716	15.04	6.42	0.474	97	0.0	0.60	25.84

Comments:

Project Number: WAKS 2510C7.2Date Gauged: 6-26-17Personnel: TLDate Sampled: 6-30-17**WELL INFORMATION**Well ID MW-11Well Diameter (in) 2Depth to Water (ft below TOC) 25.57Depth to Bottom (ft below TOC) 20Depth to Screen (ft below TOC) 40.12Pump Intake (ft below TOC) 32.85**PURGING INFORMATION**Start Time 0810Flow rate (mL/min) 350 2:25Total Purged (gal) 1Sample Time 0846Sample ID MW11: 6063017**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
0825	13.21	6.66	0.361	216	22.3	12.96	25.74
0827	14.93	6.66	0.367	216	18.5	10.11	25.74
0830	12.72	6.65	0.376	216	13.2	9.11	25.74
0832	12.65	6.64	0.383	215	10.0	8.87	25.74
0835	12.62	6.64	0.386	215	7.4	8.15	25.74

Comments:

Project Number: WAKS251067.2Date Gauged: 6-26-17Personnel: TLDate Sampled: 6-30-17**WELL INFORMATION**Well ID MW-15Well Diameter (in) 2Depth to Water (ft below TOC) 26.51Depth to Bottom (ft below TOC) 22Depth to Screen (ft below TOC) 38.12Pump Intake (ft below TOC) 32.34**PURGING INFORMATION**Start Time 0925Flow rate (mL/min) 300 2:47Total Purged (gal) 1Sample Time 0955Sample ID MW15:G063017FO2:G063017**STABILIZATION PARAMETERS**

Units	All 3 must stabilize			At least 1 must stabilize			
	TEMP	pH	Spec Cond	ORP	Turbidity	D.O.	DTW
	C		mS/cm	mV	NTU	mg/L	(ft)
Time	3%	0.1	3%	10 mV	10 NTU	10%	<0.3
0938	12.69	6.66	0.315	206	63.0	9.54	26.70
0940	12.56	6.65	0.313	206	48.8	8.88	26.65
0943	12.47	6.65	0.309	206	34.8	8.34	26.65
0945	12.41	6.65	0.308	206	29.1	8.13	26.65
0948	12.40	6.66	0.307	205	21.9	7.54	26.65

Comments: EB2:W063017 collected @ 0915



Appendix B.4

3Q 2017 Low-Flow Test Report

Low-Flow Test Report:

Test Date / Time: 9/19/2017 9:16:16 AM
Project: WAKS2510C
Operator Name: TC

Location Name: MW-22D Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 50 ft Total Depth: 59.85 ft Initial Depth to Water: 31.59 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 58 ft Pump Intake From TOC: 54.93 ft Estimated Total Volume Pumped: 1.5 gal Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.03 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/19/2017 9:16 AM	00:00	6.74 pH	14.49 °C	306.69 µS/cm	1.53 mg/L	206.75 NTU	230.1 mV	31.62 ft	200.00 ml/min
9/19/2017 9:20 AM	04:26	6.75 pH	14.30 °C	301.70 µS/cm	1.69 mg/L	177.04 NTU	228.4 mV	31.63 ft	200.00 ml/min
9/19/2017 9:25 AM	08:52	6.78 pH	14.25 °C	303.35 µS/cm	1.20 mg/L	134.02 NTU	230.0 mV	31.62 ft	200.00 ml/min
9/19/2017 9:29 AM	13:18	6.80 pH	14.24 °C	303.67 µS/cm	1.57 mg/L	113.03 NTU	228.2 mV	31.65 ft	200.00 ml/min
9/19/2017 9:34 AM	17:44	6.79 pH	14.21 °C	304.15 µS/cm	1.89 mg/L	126.69 NTU	228.3 mV	31.63 ft	200.00 ml/min
9/19/2017 9:38 AM	22:10	6.82 pH	14.18 °C	303.68 µS/cm	2.20 mg/L	127.86 NTU	225.8 mV	31.62 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW22D:G091917	

Low-Flow Test Report:

Test Date / Time: 9/19/2017 10:26:31 AM
Project: WAKS2510C (2) (2)
Operator Name: TC

Location Name: MW-20D Well Diameter: 2 in Screen Length: 5 ft Top of Screen: 55 ft Total Depth: 59.51 ft Initial Depth to Water: 29.42 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 60 ft Pump Intake From TOC: 57.26 ft Estimated Total Volume Pumped: 2 gal Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.2 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/19/2017 10:26 AM	00:00	7.70 pH	14.81 °C	477.39 µS/cm	4.28 mg/L	638.72 NTU	208.7 mV	29.46 ft	200.00 ml/min
9/19/2017 10:31 AM	04:32	7.74 pH	14.87 °C	474.41 µS/cm	6.65 mg/L	3,917.0 NTU	200.3 mV	29.60 ft	200.00 ml/min
9/19/2017 10:35 AM	09:04	7.75 pH	14.97 °C	478.16 µS/cm	7.41 mg/L	3,560.3 NTU	196.3 mV	29.62 ft	200.00 ml/min
9/19/2017 10:40 AM	13:35	7.74 pH	15.00 °C	460.88 µS/cm	8.05 mg/L	3,273.9 NTU	194.7 mV	29.59 ft	200.00 ml/min
9/19/2017 10:44 AM	18:08	7.72 pH	14.98 °C	466.64 µS/cm	7.57 mg/L	2,925.8 NTU	193.1 mV	29.66 ft	200.00 ml/min
9/19/2017 10:49 AM	22:39	7.71 pH	14.99 °C	471.17 µS/cm	7.15 mg/L	2,819.7 NTU	192.9 mV	29.58 ft	200.00 ml/min
9/19/2017 10:53 AM	27:11	7.72 pH	14.99 °C	475.16 µS/cm	6.46 mg/L	2,593.0 NTU	192.0 mV	29.56 ft	200.00 ml/min
9/19/2017 10:58 AM	31:44	7.70 pH	15.01 °C	475.20 µS/cm	5.72 mg/L	2,308.5 NTU	192.6 mV	29.62 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW20D:G091917	

Low-Flow Test Report:

Test Date / Time: 9/19/2017 11:52:49 AM
Project: WAKS2510C (2)
Operator Name: TC

Location Name: MW-19D Well Diameter: 2 in Screen Length: 5 ft Top of Screen: 55 ft Total Depth: 57.92 ft Initial Depth to Water: 26.72 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 58 ft Pump Intake From TOC: 56.46 ft Estimated Total Volume Pumped: 2 gal Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.18 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/19/2017 11:52 AM	00:00	6.74 pH	14.55 °C	249.00 µS/cm	3.05 mg/L	4,600.9 NTU	60.7 mV	26.90 ft	150.00 ml/min
9/19/2017 11:58 AM	05:54	6.82 pH	14.49 °C	171.25 µS/cm	5.69 mg/L	1,062.9 NTU	98.7 mV	26.90 ft	150.00 ml/min
9/19/2017 12:04 PM	11:50	6.92 pH	14.56 °C	251.23 µS/cm	6.51 mg/L	295.26 NTU	119.7 mV	26.90 ft	150.00 ml/min
9/19/2017 12:10 PM	17:45	6.71 pH	14.80 °C	250.83 µS/cm	6.47 mg/L	274.07 NTU	127.3 mV	26.90 ft	150.00 ml/min
9/19/2017 12:16 PM	23:40	6.76 pH	14.85 °C	59.50 µS/cm	6.91 mg/L	264.97 NTU	134.0 mV	26.90 ft	150.00 ml/min
9/19/2017 12:22 PM	29:35	6.68 pH	14.52 °C	231.37 µS/cm	7.32 mg/L	260.52 NTU	142.1 mV	26.90 ft	150.00 ml/min
9/19/2017 12:28 PM	35:29	6.84 pH	14.52 °C	197.47 µS/cm	7.28 mg/L	252.35 NTU	141.3 mV	26.90 ft	150.00 ml/min
9/19/2017 12:34 PM	41:25	6.78 pH	14.44 °C	144.03 µS/cm	7.26 mg/L	247.15 NTU	144.9 mV	26.90 ft	150.00 ml/min
9/19/2017 12:40 PM	47:20	6.69 pH	14.34 °C	222.95 µS/cm	7.13 mg/L	244.30 NTU	147.6 mV	26.90 ft	150.00 ml/min
9/19/2017 12:46 PM	53:15	6.80 pH	14.39 °C	137.21 µS/cm	6.77 mg/L	238.31 NTU	150.8 mV	26.90 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/19/2017 1:19:38 PM
Project: WAKS2510C (3)
Operator Name: TC

Location Name: MW-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 25 ft Total Depth: 33.29 ft Initial Depth to Water: 20.63 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 33 ft Pump Intake From TOC: 29.15 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.19 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/19/2017 1:19 PM	00:00	6.54 pH	16.15 °C	286.38 µS/cm	6.98 mg/L	110.08 NTU	150.9 mV	21.00 ft	200.00 ml/min
9/19/2017 1:22 PM	03:13	6.49 pH	15.35 °C	287.74 µS/cm	6.18 mg/L	111.02 NTU	155.2 mV	21.45 ft	200.00 ml/min
9/19/2017 1:26 PM	06:28	6.51 pH	15.13 °C	289.44 µS/cm	5.67 mg/L	112.75 NTU	157.4 mV	21.55 ft	200.00 ml/min
9/19/2017 1:29 PM	09:41	6.50 pH	15.60 °C	290.77 µS/cm	5.57 mg/L	113.24 NTU	158.8 mV	21.61 ft	200.00 ml/min
9/19/2017 1:32 PM	12:55	6.50 pH	16.50 °C	292.80 µS/cm	5.49 mg/L	113.81 NTU	159.9 mV	21.68 ft	200.00 ml/min
9/19/2017 1:35 PM	16:09	6.49 pH	16.70 °C	289.90 µS/cm	5.39 mg/L	113.55 NTU	161.9 mV	21.76 ft	200.00 ml/min
9/19/2017 1:39 PM	19:24	6.50 pH	16.42 °C	291.00 µS/cm	5.37 mg/L	111.78 NTU	162.2 mV	21.82 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW19:G091917	

Low-Flow Test Report:

Test Date / Time: 9/19/2017 2:29:19 PM
Project: WAKS2510C (4)
Operator Name: TC

Location Name: MW-18D Well Diameter: 2 in Screen Length: 5 ft Top of Screen: 55 ft Total Depth: 58.51 ft Initial Depth to Water: 21.14 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 58 ft Pump Intake From TOC: 56.76 ft Estimated Total Volume Pumped: 1.75 gal Flow Cell Volume: 130 ml Final Flow Rate: 175 ml/min Final Draw Down: 0.21 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/19/2017 2:29 PM	00:00	8.04 pH	14.50 °C	418.87 µS/cm	2.50 mg/L	148.81 NTU	129.0 mV	21.35 ft	175.00 ml/min
9/19/2017 2:34 PM	05:04	8.10 pH	14.11 °C	424.01 µS/cm	1.98 mg/L	146.73 NTU	126.0 mV	21.35 ft	175.00 ml/min
9/19/2017 2:39 PM	10:10	8.11 pH	14.09 °C	427.52 µS/cm	0.81 mg/L	148.44 NTU	123.8 mV	21.35 ft	175.00 ml/min
9/19/2017 2:44 PM	15:15	8.12 pH	14.15 °C	429.38 µS/cm	0.66 mg/L	149.77 NTU	121.4 mV	21.35 ft	175.00 ml/min
9/19/2017 2:49 PM	20:20	8.09 pH	14.22 °C	430.72 µS/cm	0.62 mg/L	149.30 NTU	121.0 mV	21.35 ft	175.00 ml/min
9/19/2017 2:54 PM	25:25	8.12 pH	14.19 °C	431.59 µS/cm	0.51 mg/L	149.04 NTU	118.0 mV	21.35 ft	175.00 ml/min
9/19/2017 2:59 PM	30:29	8.12 pH	14.24 °C	432.73 µS/cm	0.44 mg/L	148.74 NTU	116.0 mV	21.35 ft	175.00 ml/min

Samples

Sample ID:	Description:
MW18D:G091917	

Low-Flow Test Report:

Test Date / Time: 9/19/2017 3:31:50 PM
Project: WAKS2510C (5)
Operator Name: TC

Location Name: MW-18 Well Diameter: 2 in Screen Length: 10 ft Top of Screen: 26 ft Total Depth: 28.98 ft Initial Depth to Water: 20.8 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 30 ft Pump Intake From TOC: 27.49 ft Estimated Total Volume Pumped: 2 gal Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.45 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/19/2017 3:31 PM	00:00	6.53 pH	15.48 °C	391.83 µS/cm	1.20 mg/L	139.78 NTU	-53.3 mV	21.25 ft	150.00 ml/min
9/19/2017 3:35 PM	04:06	6.54 pH	14.69 °C	418.58 µS/cm	0.28 mg/L	181.99 NTU	-74.2 mV	21.25 ft	150.00 ml/min
9/19/2017 3:40 PM	08:13	6.56 pH	14.65 °C	431.74 µS/cm	0.20 mg/L	247.56 NTU	-77.1 mV	21.25 ft	150.00 ml/min
9/19/2017 3:44 PM	12:20	6.57 pH	14.41 °C	436.27 µS/cm	0.18 mg/L	444.94 NTU	-79.0 mV	21.25 ft	150.00 ml/min
9/19/2017 3:48 PM	16:27	6.57 pH	14.45 °C	437.62 µS/cm	0.17 mg/L	436.05 NTU	-80.1 mV	21.25 ft	150.00 ml/min
9/19/2017 3:52 PM	20:34	6.57 pH	14.33 °C	438.22 µS/cm	0.17 mg/L	473.37 NTU	-80.8 mV	21.25 ft	150.00 ml/min

Samples

Sample ID:	Description:
MW18:G091917	

Low-Flow Test Report:

Test Date / Time: 9/19/2017 4:41:31 PM
Project: WAKS2510C (6)
Operator Name: TC

Location Name: MW-10 Well Diameter: 2 in Screen Length: 20 ft Top of Screen: 10 ft Total Depth: 25.22 ft Initial Depth to Water: 7.78 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 20 ft Pump Intake From TOC: 17.61 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.43 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/19/2017 4:41 PM	00:00	6.43 pH	15.93 °C	151.51 µS/cm	7.36 mg/L	197.97 NTU	92.2 mV	8.21 ft	250.00 ml/min
9/19/2017 4:43 PM	02:04	6.55 pH	16.01 °C	150.59 µS/cm	7.42 mg/L	174.86 NTU	93.4 mV	8.21 ft	250.00 ml/min
9/19/2017 4:45 PM	04:09	6.53 pH	16.04 °C	149.22 µS/cm	7.23 mg/L	122.94 NTU	100.0 mV	8.21 ft	250.00 ml/min
9/19/2017 4:47 PM	06:15	6.53 pH	16.08 °C	147.96 µS/cm	7.17 mg/L	191.93 NTU	105.4 mV	8.21 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW10:G091917	

Low-Flow Test Report:

Test Date / Time: 9/19/2017 5:18:36 PM
Project: WAKS2510C (7)
Operator Name: TC

Location Name: MW-16 Well Diameter: 2 in Screen Length: 15 ft Top of Screen: 25 ft Total Depth: 39.74 ft Initial Depth to Water: 30.15 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 37 ft Pump Intake From TOC: 34.95 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.15 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/19/2017 5:18 PM	00:00	6.48 pH	15.19 °C	471.25 µS/cm	4.17 mg/L	111.72 NTU	128.4 mV	30.30 ft	150.00 ml/min
9/19/2017 5:23 PM	04:33	6.47 pH	14.75 °C	470.55 µS/cm	3.95 mg/L	128.29 NTU	137.2 mV	30.30 ft	150.00 ml/min
9/19/2017 5:27 PM	09:07	6.49 pH	14.63 °C	470.26 µS/cm	4.17 mg/L	150.36 NTU	140.8 mV	30.30 ft	150.00 ml/min
9/19/2017 5:32 PM	13:42	6.50 pH	14.60 °C	470.04 µS/cm	4.37 mg/L	129.92 NTU	143.9 mV	30.30 ft	150.00 ml/min

Samples

Sample ID:	Description:
MW16:G091917	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 9:12:05 AM
Project: WAKS2510C (8)
Operator Name: TC

Location Name: MW-21D Well Diameter: 2 in Screen Length: 5 ft Top of Screen: 61 ft Total Depth: 65.31 ft Initial Depth to Water: 33.92 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 65 ft Pump Intake From TOC: 63.16 ft Estimated Total Volume Pumped: 2.5 gal Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.49 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 9:12 AM	00:00	7.47 pH	13.89 °C	376.36 µS/cm	2.03 mg/L	599.92 NTU	-54.3 mV	34.42 ft	150.00 ml/min
9/20/2017 9:18 AM	06:22	7.43 pH	13.87 °C	370.68 µS/cm	3.50 mg/L	342.46 NTU	-36.9 mV	34.32 ft	150.00 ml/min
9/20/2017 9:24 AM	12:43	7.44 pH	13.90 °C	368.18 µS/cm	4.39 mg/L	204.50 NTU	-34.1 mV	34.50 ft	150.00 ml/min
9/20/2017 9:31 AM	19:05	7.43 pH	13.90 °C	365.19 µS/cm	5.16 mg/L	281.98 NTU	-29.3 mV	34.41 ft	150.00 ml/min
9/20/2017 9:37 AM	25:28	7.42 pH	13.94 °C	362.62 µS/cm	5.73 mg/L	195.75 NTU	-27.0 mV	34.40 ft	150.00 ml/min
9/20/2017 9:43 AM	31:49	7.40 pH	13.92 °C	360.63 µS/cm	5.90 mg/L	266.10 NTU	-24.7 mV	34.34 ft	150.00 ml/min
9/20/2017 9:50 AM	38:11	7.40 pH	13.93 °C	359.43 µS/cm	6.16 mg/L	209.92 NTU	-24.8 mV	34.41 ft	150.00 ml/min

Samples

Sample ID:	Description:
MW21D:G092017	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 10:40:38 AM
Project: WAKS2510C (9)
Operator Name: TC

Location Name: MW-17D Well Diameter: 2 in Screen Length: 5 ft Top of Screen: 55 ft Total Depth: 56.92 ft Initial Depth to Water: 30.66 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 58 ft Pump Intake From TOC: 55.96 ft Estimated Total Volume Pumped: 1.5 gal Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 10:40 AM	00:00	6.87 pH	14.65 °C	328.47 µS/cm	5.70 mg/L	4,785.4 NTU	65.2 mV	30.49 ft	200.00 ml/min
9/20/2017 10:45 AM	04:25	6.94 pH	14.66 °C	327.64 µS/cm	6.28 mg/L	1,567.9 NTU	85.7 mV	30.65 ft	200.00 ml/min
9/20/2017 10:49 AM	08:52	7.04 pH	14.85 °C	219.98 µS/cm	7.64 mg/L	879.88 NTU	93.3 mV	30.65 ft	200.00 ml/min
9/20/2017 10:53 AM	13:18	6.99 pH	15.11 °C	319.36 µS/cm	8.62 mg/L	689.58 NTU	103.7 mV	30.58 ft	200.00 ml/min
9/20/2017 10:58 AM	17:43	7.00 pH	15.05 °C	325.23 µS/cm	8.79 mg/L	463.86 NTU	103.1 mV	30.65 ft	200.00 ml/min
9/20/2017 11:02 AM	22:09	7.04 pH	14.86 °C	324.34 µS/cm	9.63 mg/L	493.06 NTU	107.5 mV	30.59 ft	200.00 ml/min
9/20/2017 11:07 AM	26:35	7.05 pH	14.99 °C	324.75 µS/cm	9.56 mg/L	236.71 NTU	123.9 mV	30.65 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW17D:G092017	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 11:40:03 AM
Project: WAKS2510C (10)
Operator Name: TC

Location Name: MW-17 Well Diameter: 2 in Screen Length: 15 ft Top of Screen: 25 ft Total Depth: 39.08 ft Initial Depth to Water: 30.67 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 36 ft Pump Intake From TOC: 34.88 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.12 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 11:40 AM	00:00	6.42 pH	14.93 °C	349.63 µS/cm	5.62 mg/L	49.18 NTU	149.6 mV	30.80 ft	200.00 ml/min
9/20/2017 11:43 AM	03:23	6.42 pH	14.79 °C	347.82 µS/cm	5.89 mg/L	93.04 NTU	153.9 mV	30.76 ft	200.00 ml/min
9/20/2017 11:46 AM	06:45	6.45 pH	14.80 °C	346.82 µS/cm	6.00 mg/L	41.09 NTU	153.9 mV	30.79 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW17:G092017	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 12:28:09 PM
Project: WAKS2510C (11)
Operator Name: TC

Location Name: MW-14 Well Diameter: 2 in Screen Length: 15 ft Top of Screen: 25 ft Total Depth: 36.6 ft Initial Depth to Water: 30.55 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 38 ft Pump Intake From TOC: 35.08 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 175 ml/min Final Draw Down: 0.28 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 12:28 PM	00:00	6.45 pH	15.55 °C	410.16 µS/cm	6.37 mg/L	388.96 NTU	136.9 mV	30.65 ft	175.00 ml/min
9/20/2017 12:32 PM	03:57	6.49 pH	15.19 °C	408.07 µS/cm	6.68 mg/L	500.18 NTU	153.8 mV	30.79 ft	175.00 ml/min
9/20/2017 12:36 PM	07:55	6.48 pH	15.08 °C	406.44 µS/cm	6.63 mg/L	328.14 NTU	162.5 mV	30.85 ft	175.00 ml/min
9/20/2017 12:40 PM	11:54	6.47 pH	15.03 °C	405.09 µS/cm	6.74 mg/L	326.31 NTU	166.8 mV	30.82 ft	175.00 ml/min

Samples

Sample ID:	Description:
MW14:G092017	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 1:40:53 PM
Project: WAKS2510C (12)
Operator Name: TC

Location Name: MW-8 Well Diameter: 2 in Screen Length: 20 m Top of Screen: 20 ft Total Depth: 39.55 ft Initial Depth to Water: 25.44 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 35 ft Pump Intake From TOC: 32.5 ft Estimated Total Volume Pumped: 0.75 gal Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.17 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 1:40 PM	00:00	6.74 pH	14.08 °C	268.21 µS/cm	8.53 mg/L	824.96 NTU	141.6 mV	25.60 ft	150.00 ml/min
9/20/2017 1:45 PM	04:26	6.75 pH	13.94 °C	267.97 µS/cm	8.69 mg/L	689.89 NTU	149.8 mV	25.63 ft	150.00 ml/min
9/20/2017 1:49 PM	08:53	6.77 pH	13.90 °C	267.06 µS/cm	8.98 mg/L	663.39 NTU	153.7 mV	25.61 ft	150.00 ml/min

Samples

Sample ID:	Description:
MW8:G092017	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 2:36:25 PM
Project: WAKS2510C (13)
Operator Name: TC

Location Name: MW-12 Well Diameter: 2 in Screen Length: 15 ft Top of Screen: 18 ft Total Depth: 32.57 ft Initial Depth to Water: 23.75 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 31 ft Pump Intake From TOC: 28.16 ft Estimated Total Volume Pumped: 0.75 gal Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.14 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 2:36 PM	00:00	6.95 pH	14.28 °C	329.42 µS/cm	6.75 mg/L	92.88 NTU	141.0 mV	23.87 ft	250.00 ml/min
9/20/2017 2:38 PM	02:31	7.02 pH	14.16 °C	330.15 µS/cm	6.60 mg/L	79.85 NTU	138.8 mV	23.87 ft	250.00 ml/min
9/20/2017 2:41 PM	05:01	7.04 pH	14.13 °C	329.43 µS/cm	6.61 mg/L	68.25 NTU	138.8 mV	23.87 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW12:G092017	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 3:26:21 PM
Project: WAKS2510C (14)
Operator Name: TC

Location Name: MW-1D Well Diameter: 2 in Screen Length: 5 ft Top of Screen: 50 ft Total Depth: 52.91 ft Initial Depth to Water: 26.28 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 55 ft Pump Intake From TOC: 51.46 ft Estimated Total Volume Pumped: 1.5 gal Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.28 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 3:26 PM	00:00	7.65 pH	14.87 °C	375.65 µS/cm	4.21 mg/L	677.10 NTU	123.5 mV	26.56 ft	250.00 ml/min
9/20/2017 3:29 PM	03:25	7.59 pH	14.83 °C	372.02 µS/cm	5.41 mg/L	482.11 NTU	125.2 mV	26.56 ft	250.00 ml/min
9/20/2017 3:33 PM	06:51	7.55 pH	14.96 °C	370.24 µS/cm	6.02 mg/L	501.68 NTU	127.4 mV	26.56 ft	250.00 ml/min
9/20/2017 3:36 PM	10:17	7.55 pH	14.86 °C	368.09 µS/cm	6.61 mg/L	434.68 NTU	129.2 mV	26.56 ft	250.00 ml/min
9/20/2017 3:40 PM	13:44	7.53 pH	14.90 °C	366.32 µS/cm	6.96 mg/L	325.04 NTU	129.8 mV	26.56 ft	250.00 ml/min
9/20/2017 3:43 PM	17:10	7.48 pH	15.02 °C	364.91 µS/cm	7.14 mg/L	431.97 NTU	131.7 mV	26.56 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW1D:G092017	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 4:29:10 PM
Project: WAKS2510C (15)
Operator Name: TC

Location Name: MW-4 Well Diameter: 2 in Screen Length: 10 ft Top of Screen: 25 ft Total Depth: 32.17 ft Initial Depth to Water: 20.04 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 32 ft Pump Intake From TOC: 28.59 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 125 ml/min Final Draw Down: 0.03 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 4:29 PM	00:00	6.33 pH	15.82 °C	171.64 µS/cm	8.49 mg/L	5,573.2 NTU	207.7 mV	20.07 ft	125.00 ml/min
9/20/2017 4:34 PM	05:06	6.39 pH	14.95 °C	167.48 µS/cm	8.98 mg/L	3,155.6 NTU	211.5 mV	20.07 ft	125.00 ml/min
9/20/2017 4:39 PM	10:12	6.32 pH	14.83 °C	166.71 µS/cm	9.25 mg/L	2,962.7 NTU	219.1 mV	20.07 ft	125.00 ml/min
9/20/2017 4:44 PM	15:18	6.40 pH	14.87 °C	167.14 µS/cm	9.25 mg/L	1,934.5 NTU	217.0 mV	20.07 ft	125.00 ml/min

Samples

Sample ID:	Description:
MW4:G092017	

Low-Flow Test Report:

Test Date / Time: 9/20/2017 5:21:38 PM
Project: WAKS2510C (16)
Operator Name: TC

Location Name: MW-9 Well Diameter: 2 in Screen Length: 20 ft Top of Screen: 20 ft Total Depth: 38.58 ft Initial Depth to Water: 25.4 ft	Pump Type: Geotechnical 1.66" bladder pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 33 ft Pump Intake From TOC: 31.99 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 175 ml/min Final Draw Down: 0.25 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/20/2017 5:21 PM	00:00	6.39 pH	15.69 °C	528.22 µS/cm	4.45 mg/L	327.04 NTU	223.0 mV	25.50 ft	175.00 ml/min
9/20/2017 5:25 PM	03:42	6.43 pH	14.99 °C	530.94 µS/cm	4.81 mg/L	489.02 NTU	218.5 mV	25.50 ft	175.00 ml/min
9/20/2017 5:29 PM	07:23	6.43 pH	14.79 °C	533.22 µS/cm	4.62 mg/L	411.39 NTU	216.7 mV	25.58 ft	175.00 ml/min
9/20/2017 5:32 PM	11:06	6.42 pH	14.67 °C	536.35 µS/cm	4.32 mg/L	306.37 NTU	212.0 mV	25.62 ft	175.00 ml/min
9/20/2017 5:36 PM	14:47	6.42 pH	14.62 °C	539.23 µS/cm	4.35 mg/L	333.34 NTU	205.7 mV	25.65 ft	175.00 ml/min

Samples

Sample ID:	Description:
MW9:G092017	

Low-Flow Test Report:

Test Date / Time: 9/21/2017 8:35:32 AM
Project: WAKS2510C7.3
Operator Name: Tim Cornett

Location Name: MW-23 Latitude: 47.60814 Longitude: -122.29915 Well Diameter: 2 in Screen Length: 5 ft Top of Screen: 25 ft Total Depth: 33.69 ft Initial Depth to Water: 27.4 m	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 33 ft Pump Intake From TOC: 30.55 ft Estimated Total Volume Pumped: 1.75 gal Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.25 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/21/2017 8:35 AM	00:00	6.32 pH	14.81 °C	622.03 µS/cm	1.10 mg/L	17.15 NTU	234.1 mV	27.90 ft	250.00 ml/min
9/21/2017 8:38 AM	02:34	6.31 pH	14.69 °C	613.14 µS/cm	0.85 mg/L	11.44 NTU	231.8 mV	27.85 ft	250.00 ml/min
9/21/2017 8:40 AM	05:09	6.36 pH	14.72 °C	610.61 µS/cm	1.19 mg/L	6.69 NTU	232.5 mV	27.85 ft	250.00 ml/min
9/21/2017 8:43 AM	07:44	6.37 pH	14.71 °C	605.76 µS/cm	1.41 mg/L	9.53 NTU	231.0 mV	27.85 ft	250.00 ml/min
9/21/2017 8:45 AM	10:19	6.38 pH	14.72 °C	598.69 µS/cm	1.56 mg/L	8.48 NTU	231.8 mV	27.85 ft	250.00 ml/min
9/21/2017 8:48 AM	12:54	6.40 pH	14.70 °C	595.09 µS/cm	1.69 mg/L	4.22 NTU	229.3 mV	27.85 ft	250.00 ml/min
9/21/2017 8:51 AM	15:30	6.40 pH	14.71 °C	593.92 µS/cm	1.89 mg/L	4.56 NTU	228.6 mV	27.85 ft	250.00 ml/min
9/21/2017 8:53 AM	18:04	6.40 pH	14.71 °C	591.23 µS/cm	2.02 mg/L	13.14 NTU	227.8 mV	27.85 ft	250.00 ml/min
9/21/2017 8:56 AM	20:39	6.38 pH	14.69 °C	589.48 µS/cm	2.06 mg/L	3.08 NTU	229.3 mV	27.85 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW23:G092117	

Low-Flow Test Report:

Test Date / Time: 9/21/2017 9:41:02 AM
Project: WAKS2510C7.3 (2)
Operator Name: Tim Cornett

Location Name: MW-15 Latitude: 47.60802 Longitude: -122.29873 Well Diameter: 2 in Screen Length: 15 ft Top of Screen: 23 ft Total Depth: 38.12 ft Initial Depth to Water: 28.35 ft	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 35 ft Pump Intake From TOC: 33.24 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 225 ml/min Final Draw Down: 0.3 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/21/2017 9:41 AM	00:00	6.64 pH	14.19 °C	361.96 µS/cm	2.82 mg/L	680.73 NTU	223.8 mV	28.65 ft	225.00 ml/min
9/21/2017 9:44 AM	02:58	6.61 pH	14.19 °C	360.21 µS/cm	2.89 mg/L	458.02 NTU	225.7 mV	28.65 ft	225.00 ml/min
9/21/2017 9:46 AM	05:56	6.64 pH	14.19 °C	356.54 µS/cm	2.93 mg/L	354.11 NTU	224.6 mV	28.65 ft	225.00 ml/min

Samples

Sample ID:	Description:
MW15:G092117	
FD1:G092117	

Low-Flow Test Report:

Test Date / Time: 9/21/2017 10:28:29 AM
Project: WAKS2510C7.3 (3)
Operator Name: Tim Cornett

Location Name: MW-15D Latitude: 47.60795 Longitude: -122.29887 Well Diameter: 2 in Screen Length: 5 ft Top of Screen: 50 ft Total Depth: 59.46 ft Initial Depth to Water: 28.61 ft	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 58 ft Pump Intake From TOC: 54.73 ft Estimated Total Volume Pumped: 1.75 gal Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.34 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/21/2017 10:28 AM	00:00	7.14 pH	14.35 °C	273.89 µS/cm	5.67 mg/L	40.25 NTU	220.8 mV	28.95 ft	250.00 ml/min
9/21/2017 10:32 AM	03:32	7.12 pH	14.34 °C	272.97 µS/cm	5.56 mg/L	46.68 NTU	218.5 mV	28.95 ft	250.00 ml/min
9/21/2017 10:35 AM	07:06	7.11 pH	14.35 °C	272.58 µS/cm	5.54 mg/L	44.18 NTU	216.8 mV	28.95 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW15D:G092117	

Low-Flow Test Report:

Test Date / Time: 9/21/2017 11:21:28 AM
Project: WAKS2510C7.3 (4)
Operator Name: Tim Cornett

Location Name: MW-6 Latitude: 47.60787 Longitude: -122.29947 Well Diameter: 2 in Screen Length: 10 ft Top of Screen: 21.5 ft Total Depth: 40.84 ft Initial Depth to Water: 27.33 ft	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 35 ft Pump Intake From TOC: 34.09 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.03 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/21/2017 11:21 AM	00:00	6.69 pH	14.99 °C	423.20 µS/cm	6.22 mg/L	118.84 NTU	227.7 mV	27.36 ft	150.00 ml/min
9/21/2017 11:25 AM	04:26	6.77 pH	14.68 °C	422.53 µS/cm	7.33 mg/L	157.33 NTU	226.0 mV	27.36 ft	150.00 ml/min
9/21/2017 11:30 AM	08:54	6.79 pH	14.60 °C	423.17 µS/cm	7.58 mg/L	100.15 NTU	225.6 mV	27.36 ft	150.00 ml/min
9/21/2017 11:34 AM	13:20	6.81 pH	14.55 °C	424.47 µS/cm	7.84 mg/L	135.50 NTU	225.5 mV	27.36 ft	150.00 ml/min
9/21/2017 11:35 AM	13:43	6.82 pH	14.56 °C	424.50 µS/cm	7.84 mg/L	97.72 NTU	225.0 mV	27.36 ft	150.00 ml/min

Samples

Sample ID:	Description:
MW6:G092117	

Low-Flow Test Report:

Test Date / Time: 9/21/2017 12:21:44 PM
Project: WAKS2510C7.3 (5)
Operator Name: Tim Cornett

Location Name: MW-101 Latitude: 47.60835 Longitude: -122.29942 Well Diameter: 2 in Screen Length: 10 ft Top of Screen: 20 ft Total Depth: 29.31 ft Initial Depth to Water: 25.63 ft	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 30 ft Pump Intake From TOC: 27.47 ft Estimated Total Volume Pumped: 0.5 gal Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.17 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/21/2017 12:21 PM	00:00	6.46 pH	14.69 °C	533.71 µS/cm	2.38 mg/L	212.70 NTU	238.1 mV	25.80 ft	250.00 ml/min
9/21/2017 12:24 PM	02:27	6.43 pH	14.67 °C	536.84 µS/cm	2.22 mg/L	123.08 NTU	237.5 mV	25.80 ft	250.00 ml/min
9/21/2017 12:26 PM	04:55	6.46 pH	14.64 °C	533.23 µS/cm	2.31 mg/L	100.39 NTU	233.1 mV	25.80 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW101:G092117	

Low-Flow Test Report:

Test Date / Time: 9/21/2017 1:14:05 PM
Project: WAKS2510C7.3 (6)
Operator Name: Tim Cornett

Location Name: MW-5 Latitude: 47.60813 Longitude: -122.29954 Well Diameter: 2 in Screen Length: 10 ft Top of Screen: 31.5 ft Total Depth: 40.41 ft Initial Depth to Water: 24.75 ft	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 37 ft Pump Intake From TOC: 35.96 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.05 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/21/2017 1:14 PM	00:00	6.69 pH	16.07 °C	421.43 µS/cm	5.78 mg/L	22.30 NTU	209.8 mV	26.60 ft	200.00 ml/min
9/21/2017 1:17 PM	03:25	6.70 pH	15.61 °C	422.40 µS/cm	5.58 mg/L	15.93 NTU	207.4 mV	26.70 ft	200.00 ml/min
9/21/2017 1:20 PM	06:51	6.66 pH	15.49 °C	422.41 µS/cm	5.56 mg/L	10.38 NTU	209.0 mV	26.70 ft	200.00 ml/min
9/21/2017 1:24 PM	10:18	6.71 pH	15.42 °C	420.77 µS/cm	5.61 mg/L	6.30 NTU	203.9 mV	26.70 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW5:G092117	

Low-Flow Test Report:

Test Date / Time: 9/21/2017 2:08:11 PM
Project: WAKS2510C7.3 (6) (2)
Operator Name: Tim Cornett

Location Name: MW-13 Latitude: 47.60838 Longitude: -122.29949 Well Diameter: 2 in Screen Length: 15 ft Top of Screen: 20 ft Total Depth: 34.71 ft Initial Depth to Water: 22.42 ft	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 31 ft Pump Intake From TOC: 28.57 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.33 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/21/2017 2:08 PM	00:00	6.27 pH	15.05 °C	149.69 µS/cm	7.78 mg/L	163.62 NTU	225.6 mV	22.75 ft	200.00 ml/min
9/21/2017 2:11 PM	03:07	6.29 pH	14.91 °C	150.50 µS/cm	8.00 mg/L	155.42 NTU	227.5 mV	22.75 ft	200.00 ml/min
9/21/2017 2:14 PM	06:16	6.29 pH	14.71 °C	151.79 µS/cm	8.13 mg/L	169.13 NTU	229.2 mV	22.75 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW13:G092117	

Low-Flow Test Report:

Test Date / Time: 9/22/2017 7:51:06 AM
Project: WAKS2510C7.3 (7)
Operator Name: Tim Cornett

Location Name: MW-11 Latitude: 47.60792 Longitude: -122.29938 Well Diameter: 2 in Screen Length: 20 ft Top of Screen: 20 ft Total Depth: 40.12 ft Initial Depth to Water: 27.47 ft	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 35 ft Pump Intake From TOC: 33.8 ft Estimated Total Volume Pumped: 1.5 gal Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.28 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/22/2017 7:51 AM	00:00	6.70 pH	14.42 °C	202.99 µS/cm	5.47 mg/L	21.57 NTU	213.7 mV	27.75 ft	250.00 ml/min
9/22/2017 7:53 AM	02:39	6.72 pH	14.35 °C	418.55 µS/cm	5.88 mg/L	34.11 NTU	218.8 mV	27.75 ft	250.00 ml/min
9/22/2017 7:56 AM	05:19	6.65 pH	14.42 °C	421.84 µS/cm	5.82 mg/L	23.79 NTU	216.5 mV	27.75 ft	250.00 ml/min
9/22/2017 7:59 AM	07:59	6.62 pH	14.36 °C	427.40 µS/cm	6.02 mg/L	20.59 NTU	213.5 mV	27.75 ft	250.00 ml/min
9/22/2017 8:01 AM	10:39	6.65 pH	14.36 °C	439.13 µS/cm	5.97 mg/L	17.37 NTU	211.2 mV	27.75 ft	250.00 ml/min
9/22/2017 8:04 AM	13:20	6.63 pH	14.33 °C	442.13 µS/cm	5.98 mg/L	12.34 NTU	211.7 mV	27.75 ft	250.00 ml/min
9/22/2017 8:07 AM	16:00	6.67 pH	14.31 °C	452.53 µS/cm	6.07 mg/L	9.73 NTU	208.5 mV	27.75 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW11:G092217	

Low-Flow Test Report:

Test Date / Time: 9/22/2017 8:48:08 AM
Project: WAKS2510C7.3 (8)
Operator Name: Tim Cornett

Location Name: MW-1 Latitude: 47.60802 Longitude: -122.29962 Well Diameter: 2 in Screen Length: 20 ft Top of Screen: 22 ft Total Depth: 40.58 ft Initial Depth to Water: 26.78 ft	Pump Type: GeoTech 1.66" bladders pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.25 in Tubing Length: 36 ft Pump Intake From TOC: 33.68 ft Estimated Total Volume Pumped: 1 gal Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.82 ft	Instrument Used: AquaTROLL 600 Vented Serial Number: 512061

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
9/22/2017 8:48 AM	00:00	4.55 pH	14.15 °C	1,474.3 µS/cm	5.12 mg/L	14.52 NTU	92.3 mV	27.60 ft	250.00 ml/min
9/22/2017 8:50 AM	02:41	4.55 pH	14.15 °C	1,475.9 µS/cm	4.96 mg/L	11.66 NTU	90.8 mV	27.60 ft	250.00 ml/min
9/22/2017 8:53 AM	05:24	4.55 pH	14.14 °C	1,475.3 µS/cm	5.04 mg/L	8.03 NTU	91.1 mV	27.60 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW1:G092217	
FD2:G092217	



Appendix C

Historical Data



Appendix C.1

Historical Monitoring Well Gauging Data

APP C.1. Historical Monitoring Well Gauging Data

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data						
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)	
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well
MW-1	2.0	22.0 - 42.0	280.71	258.71	238.71	1/25/08	NM	29.83	NM	0.00	250.88	NM
MW-1	2.0	22.0 - 42.0	280.71	258.71	238.71	5/1/08	NM	29.11	NM	0.00	251.60	NM
MW-1	2.0	22.0 - 42.0	280.71	258.71	238.71	9/26/08	NM	29.97	NM	0.00	250.74	NM
MW-1	2.0	22.0 - 42.0	280.71	258.71	238.71	10/17/08	NM	30.12	NM	0.00	250.59	NM
MW-1	2.0	22.0 - 42.0	280.71	258.71	238.71	9/30/09	NM	30.59	NM	0.00	250.12	NM
MW-1	2.0	22.0 - 42.0	280.71	258.71	238.71	11/11/09	NM	30.90	NM	0.00	249.81	NM
MW-1	2.0	22.0 - 42.0	280.71	258.71	238.71	1/21/10	NM	29.98	NM	0.00	250.73	NM
MW-1	2.0	22.0 - 42.0	280.60	258.71	238.71	6/21/10	NM	28.31	NM	0.00	252.29	NM
MW-1	2.0	22.0 - 42.0	280.60	258.71	238.71	11/21/11	NM	30.31	NM	0.00	250.29	NM
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	7/30/12	NM	30.03	NM	0.00	250.84	NM
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	11/2/12	NM	31.25	NM	0.00	249.62	NM
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	2/4/13	NM	29.90	NM	0.00	250.97	NM
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	6/3/13	25.90	29.10	NM	3.20	251.77	NM
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	11/12/13	NM	31.55	NM	0.00	249.32	NM
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	5/21/14	NM	28.53	NM	0.00	252.34	NM
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	7/24/14	NM	30.75	NM	0.00	250.12	NM
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	12/6/16	No EOS	28.10	40.55	0.00	252.77	240.32
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	3/13/17	No EOS	25.26	40.55	0.00	255.61	240.32
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	6/26/17	No EOS	24.85	40.58	0.00	256.02	240.29
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	9/18/17	No EOS	26.78	40.58	0.00	254.09	240.29
MW-1	2.0	22.0 - 42.0	280.87	258.71	238.71	2/27/18	No EOS	27.13	NM	0.00	253.74	NM
MW-1D	2.0	50.0 - 55.0	280.30	230.30	225.30	5/1/08	NM	28.72	NM	0.00	251.58	NM
MW-1D	2.0	50.0 - 55.0	280.30	230.30	225.30	9/26/08	NM	29.59	NM	0.00	250.71	NM
MW-1D	2.0	50.0 - 55.0	280.30	230.30	225.30	10/17/08	NM	29.70	NM	0.00	250.60	NM
MW-1D	2.0	50.0 - 55.0	280.30	230.30	225.30	9/30/09	NM	30.69	NM	0.00	249.61	NM
MW-1D	2.0	50.0 - 55.0	280.30	230.30	225.30	11/11/09	NM	30.59	NM	0.00	249.71	NM
MW-1D	2.0	50.0 - 55.0	280.30	230.30	225.30	1/21/10	NM	29.68	NM	0.00	250.62	NM
MW-1D	2.0	50.0 - 55.0	280.34	230.30	225.30	6/21/10	NM	28.07	NM	0.00	252.27	NM
MW-1D	2.0	50.0 - 55.0	280.34	230.30	225.30	11/21/11	NM	27.82	NM	0.00	252.52	NM
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	7/30/12	NM	26.85	NM	0.00	253.48	NM
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	2/4/13	NM	27.10	NM	0.00	253.23	NM
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	6/3/13	No EOS	25.66	NM	0.00	254.67	NM
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	11/12/13	No EOS	27.81	NM	0.00	252.52	NM
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	5/21/14	No EOS	26.78	NM	0.00	253.55	NM
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	7/24/14	No EOS	27.08	NM	0.00	253.25	NM
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	12/6/16	NM	27.53	52.91	0.00	252.80	227.42
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	3/13/17	NM	25.72	52.75	0.00	254.61	227.58
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	6/26/17	NM	24.35	52.91	0.00	255.98	227.42
MW-1D	2.0	50.0 - 55.0	280.33	230.30	225.30	9/18/17	NM	26.28	52.91	0.00	254.05	227.42
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	1/25/08	NM	27.97	NM	0.00	251.00	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	5/1/08	NM	27.22	NM	0.00	251.75	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	10/17/08	NM	29.70	NM	0.00	249.27	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	9/30/09	NM	28.74	NM	0.00	250.23	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	11/11/09	NM	29.09	NM	0.00	249.88	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	1/21/10	NM	28.17	NM	0.00	250.80	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	6/21/10	NM	26.75	NM	0.00	252.22	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	7/30/12	NM	28.95	NM	0.00	250.02	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	11/2/12	NM	30.80	NM	0.00	248.17	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	2/4/13	NM	27.90	NM	0.00	251.07	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	6/3/13	23.84	28.60	NM	4.76	254.89	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	7/24/14	23.00	26.00	NM	3.00	255.82	NM
MW-2	4.0	20.0 - 40.0	278.97	258.97	238.97	12/6/16	Unable to find well; presumed missing					
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	1/25/08	NM	28.66	NM	0.00	250.97	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	5/1/08	NM	27.90	NM	0.00	251.73	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	9/26/08	NM	28.78	NM	0.00	250.85	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	10/17/08	NM	28.92	NM	0.00	250.71	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	9/30/09	NM	29.34	NM	0.00	250.29	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	11/11/09	NM	29.70	NM	0.00	249.93	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	1/21/10	NM	28.84	NM	0.00	250.79	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	6/21/10	NM	27.20	NM	0.00	252.43	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	7/30/12	NM	29.56	NM	0.00	250.07	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	11/2/12	NM	30.70	NM	0.00	248.93	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	2/4/13	NM	28.10	NM	0.00	251.53	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	6/3/13	NM	27.30	NM	0.00	252.33	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	7/24/14	23.00	26.00	NM	0.00	256.48	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	12/8/16	25.31	NM	29.21	>3.0	NM	250.42
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	3/13/17	24.75	NM	NM	>3.0	NM	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	6/27/17	23.48	NM	NM	>3.0	NM	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	9/18/17	25.31	NM	NM	0.40	NM	NM
MW-3	4.0	20.0 - 30.0	279.63	259.63	249.63	2/27/18	25.72	NM	NM	0.20	NM	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	5/1/08	NM	22.16	NM	0.00	251.78	NM

APP C.1. Historical Monitoring Well Gauging Data

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data						
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)	
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	9/26/08	NM	23.11	NM	0.00	250.83	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	10/17/08	NM	23.31	NM	0.00	250.63	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	9/30/09	NM	23.73	NM	0.00	250.21	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	11/11/09	NM	24.01	NM	0.00	249.93	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	1/21/10	NM	22.95	NM	0.00	250.99	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	6/21/10	NM	22.47	NM	0.00	251.47	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	11/21/11	NM	21.46	NM	0.00	252.48	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	7/30/12	NM	20.36	NM	0.00	253.58	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	11/2/12	NM	21.75	NM	0.00	252.19	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	2/4/13	NM	21.10	NM	0.00	252.84	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	6/3/13	No EOS	19.20	NM	0.00	254.74	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	11/12/13	No EOS	21.24	NM	0.00	252.70	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	5/21/14	No EOS	20.25	NM	0.00	253.69	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	7/24/14	No EOS	20.72	NM	0.00	253.22	NM
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	12/6/16	NM	21.15	32.22	0.00	252.79	241.72
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	3/13/17	NM	19.23	32.07	0.00	254.71	241.87
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	6/26/17	NM	18.07	32.17	0.00	255.87	241.77
MW-4	2.0	25.0 - 35.0	273.94	248.94	238.94	9/18/17	NM	20.04	32.17	0.00	253.90	241.77
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	5/1/08	NM	28.21	NM	0.00	251.80	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51		NM		NM	0.00		NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	9/26/08	NM	29.08	NM	0.00	250.93	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	10/17/08	NM	29.22	NM	0.00	250.79	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	9/30/09	NM	29.83	NM	0.00	250.18	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	11/11/09	NM	30.00	NM	0.00	250.01	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	1/21/10	NM	29.10	NM	0.00	250.91	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	6/21/10	NM	27.49	NM	0.00	252.52	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	11/21/11	NM	27.40	NM	0.00	252.61	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	7/30/12	NM	26.50	NM	0.00	253.51	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	11/2/12	NM	27.40	NM	0.00	252.61	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	2/4/13	NM	26.25	NM	0.00	253.76	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	6/3/13	No EOS	25.11	NM	0.00	254.90	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	11/12/13	No EOS	27.27	NM	0.00	252.74	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	5/21/14	No EOS	26.18	NM	0.00	253.83	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	7/24/14	No EOS	26.52	NM	0.00	253.49	NM
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	12/6/16	NM	27.16	40.45	0.00	252.85	239.56
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	3/13/17	NM	25.70	40.27	0.00	254.31	239.74
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	6/26/17	NM	23.78	40.41	0.00	256.23	239.60
MW-5	2.0	31.5 - 41.5	280.01	248.51	238.51	9/18/17	NM	24.75	40.41	0.00	255.26	239.60
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	5/1/08	NM	29.96	NM	0.00	251.46	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	10/17/08	NM	30.91	NM	0.00	250.51	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	9/30/09	NM	31.42	NM	0.00	250.00	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	11/11/09	NM	31.69	NM	0.00	249.73	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	1/21/10	NM	30.75	NM	0.00	250.67	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	6/21/10	NM	29.23	NM	0.00	252.19	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	11/21/11	NM	28.91	NM	0.00	252.51	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	7/30/12	NM	27.91	NM	0.00	253.51	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	11/2/12	NM	29.25	NM	0.00	252.17	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	2/4/13	NM	27.78	28.48	0.00	253.64	252.94
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	2/4/13	NM	26.74	NM	0.00	254.68	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	6/3/13	No EOS	26.74	NM	0.00	254.68	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	11/12/13	No EOS	28.91	NM	0.00	252.51	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	5/21/14	No EOS	27.78	NM	0.00	253.64	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	7/24/14	No EOS	28.25	NM	0.00	253.17	NM
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	12/6/16	NM	28.83	38.28	0.00	252.59	243.14
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	3/13/17	NM	26.86	40.70	0.00	254.56	240.72
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	6/26/17	NM	25.43	40.84	0.00	255.99	240.58
MW-6	2.0	21.5 - 31.5	281.42	259.92	249.92	9/18/17	NM	27.33	40.84	0.00	254.09	240.58
				0.00	0.00							
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	9/26/08	NM	29.37	NM	0.00	250.76	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	10/17/08	NM	29.51	NM	0.00	250.62	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	9/30/09	NM	29.96	NM	0.00	250.17	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	11/11/09	NM	30.30	NM	0.00	249.83	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	1/21/11	NM	29.43	NM	0.00	250.70	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	6/21/10	NM	27.82	NM	0.00	252.31	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	11/21/11	NM	28.38	NM	0.00	251.75	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	7/30/12	NM	28.15	NM	0.00	251.98	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	11/2/12	NM	30.25	NM	0.00	249.88	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	2/4/13	NM	29.90	NM	0.00	250.23	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	6/3/13	25.19	27.40	NM	2.21	254.82	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	11/12/13	25.19	28.85	NM	3.66	254.75	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	5/21/14	26.58	26.68	NM	0.10	253.54	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	7/24/14	NM	27.00	NM	0.00	253.13	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	12/6/16	28.02	NM	NM	0.01	NM	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	3/13/17	No EOS	25.50	NM	0.00	254.63	NM

APP C.1. Historical Monitoring Well Gauging Data

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data						
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)	
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	6/26/17	No EOS	24.24	NM	0.00	255.89	NM
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	9/18/17	No EOS	27.02	40.00	0.00	253.11	240.13
MW-7	4.0	20.0 - 40.0	280.13	260.13	240.13	2/27/18	No EOS	26.39	NM	0.00	253.74	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	9/26/08	NM	28.85	NM	0.00	251.05	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	10/17/08	NM	29.00	NM	0.00	250.90	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	9/30/09	NM	29.48	NM	0.00	250.42	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	11/11/09	NM	29.80	NM	0.00	250.10	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	1/21/10	NM	28.96	NM	0.00	250.94	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	6/21/10	NM	27.25	NM	0.00	252.65	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	11/21/11	NM	27.02	NM	0.00	252.88	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	7/30/12	NM	25.95	NM	0.00	253.95	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	11/2/12	NM	27.34	NM	0.00	252.56	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	2/4/13	NM	25.91	NM	0.00	253.99	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	6/3/13	No EOS	24.74	NM	0.00	255.16	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	5/21/14	No EOS	25.98	NM	0.00	253.92	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	7/24/14	No EOS	26.30	NM	0.00	253.60	NM
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	12/6/16	NM	26.92	37.52	0.00	252.98	242.38
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	3/13/17	NM	25.99	37.98	0.00	253.91	241.92
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	6/26/17	NM	23.47	39.55	0.00	256.43	240.35
MW-8	2.0	20.0 - 40.0	279.90	259.90	239.90	9/18/17	NM	25.44	39.55	0.00	254.46	240.35
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	9/26/08	NM	20.60	NM	0.00	258.41	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01		NM		NM	0.00		NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	10/17/08	NM	28.70	NM	0.00	250.31	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	9/30/09	NM	29.25	NM	0.00	249.76	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	11/11/09	NM	29.49	NM	0.00	249.52	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	1/21/10	NM	28.50	NM	0.00	250.51	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	6/21/10	NM	27.02	NM	0.00	251.99	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	11/21/11	NM	26.88	NM	0.00	252.13	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	7/30/12	NM	25.83	NM	0.00	253.18	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	11/2/12	NM	27.18	NM	0.00	251.83	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	2/4/13	NM	25.65	NM	0.00	253.36	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	6/3/13	No EOS	24.50	NM	0.00	254.51	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	11/12/13	No EOS	26.82	NM	0.00	252.19	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	5/21/14	No EOS	25.78	NM	0.00	253.23	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	7/24/14	No EOS	26.16	NM	0.00	252.85	NM
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	12/6/16	NM	26.63	38.65	0.00	252.38	240.36
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	3/13/17	NM	24.79	38.65	0.00	254.22	240.36
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	6/26/17	NM	23.54	38.58	0.00	255.47	240.43
MW-9	2.0	20.0 - 40.0	279.01	259.01	239.01	9/18/17	NM	25.40	38.58	0.00	253.61	240.43
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	9/26/08	NM	7.76	NM	0.00	275.52	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	10/17/08	NM	7.71	NM	0.00	275.57	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	9/30/09	NM	7.95	NM	0.00	275.33	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	11/11/09	NM	6.81	NM	0.00	276.47	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	1/21/10	NM	5.85	NM	0.00	277.43	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	6/21/10	NM	6.27	NM	0.00	277.01	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	11/21/11	NM	6.86	NM	0.00	276.42	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	7/30/12	NM	6.63	NM	0.00	276.65	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	11/2/12	NM	6.81	NM	0.00	276.47	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	2/4/13	NM	5.52	NM	0.00	277.76	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	6/3/13	No EOS	6.18	NM	0.00	277.10	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	11/12/13	No EOS	7.03	NM	0.00	276.25	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	7/24/14	NM	7.09	NM	0.00	276.19	NM
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	12/6/16	NM	5.88	29.26	0.00	277.40	254.02
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	3/13/17	NM	5.70	29.26	0.00	277.58	254.02
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	6/26/17	NM	6.67	25.22	0.00	276.61	258.06
MW-10	2.0	10.0 - 30.0	283.28	273.28	253.28	9/18/17	NM	7.78	25.22	0.00	275.50	258.06
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	6/21/10	NM	29.25	NM	0.00	252.19	NM
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	11/21/11	NM	29.00	NM	0.00	252.44	NM
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	7/30/12	NM	28.00	NM	0.00	253.44	NM
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	11/2/12	NM	29.40	NM	0.00	252.04	NM
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	2/4/13	NM	28.90	NM	0.00	252.54	NM
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	6/3/13	No EOS	26.80	NM	0.00	254.64	NM
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	11/12/13	No EOS	29.04	NM	0.00	252.40	NM
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	5/21/14	No EOS	28.04	NM	0.00	253.40	NM
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	12/6/16	NM	28.97	40.05	0.00	252.47	241.39
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	3/13/17	NM	27.02	40.05	0.00	254.42	241.39
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	6/26/17	NM	25.57	40.12	0.00	255.87	241.32
MW-11	2.0	20.0 - 40.0	281.44	261.44	241.44	9/18/17	NM	27.47	40.12	0.00	253.97	241.32
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	7/30/12	NM	24.09	NM	0.00	253.94	NM
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	11/2/12	NM	25.56	NM	0.00	252.47	NM
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	2/4/13	NM	23.80	NM	0.00	254.23	NM

APP C.1. Historical Monitoring Well Gauging Data

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data						
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)	
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	6/3/13	No EOS	22.90	NM	0.00	255.13	NM
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	11/12/13	No EOS	25.20	NM	0.00	252.83	NM
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	5/21/14	No EOS	24.03	NM	0.00	254.00	NM
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	7/24/14	No EOS	24.48	NM	0.00	253.55	NM
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	12/6/16	NM	25.04	32.58	0.00	252.99	245.45
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	3/13/17	NM	23.05	32.37	0.00	254.98	245.66
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	6/26/17	NM	21.76	32.57	0.00	256.27	245.46
MW-12	2.0	18.0 - 33.0	278.03	260.03	245.03	9/18/17	NM	23.75	32.57	0.00	254.28	245.46
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	7/30/12	NM	22.81		0.00	253.70	
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	11/2/12	NM	24.23		0.00	252.28	
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	2/4/13	NM	22.74		0.00	253.77	
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	6/3/13	No EOS	21.65		0.00	254.86	
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	11/12/13	No EOS	23.89		0.00	252.62	
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	5/21/14	No EOS	22.98		0.00	253.53	
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	7/24/14	No EOS	23.19		0.00	253.32	
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	12/6/16	NM	23.75	34.75	0.00	252.76	241.76
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	3/13/17	NM	21.71	34.75	0.00	254.80	241.76
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	6/26/17	NM	20.43	34.71	0.00	256.08	241.80
MW-13	2.0	20.0 - 35.0	276.51	256.51	241.51	9/18/17	NM	22.42	34.71	0.00	254.09	241.80
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	7/30/12	NM	31.19	NM	0.00	253.72	NM
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	11/2/12	NM	32.52	NM	0.00	252.39	NM
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	2/4/13	NM	31.16	NM	0.00	253.75	NM
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	6/3/13	No EOS	29.97	NM	0.00	254.94	NM
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	11/12/13	No EOS	32.21	NM	0.00	252.70	NM
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	5/21/14	No EOS	31.26	NM	0.00	253.65	NM
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	7/24/14	No EOS	31.50	NM	0.00	253.41	NM
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	12/6/16	NM	32.02	39.60	0.00	252.89	245.31
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	3/13/17	NM	30.15	38.85	0.00	254.76	246.06
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	6/26/17	NM	28.62	39.60	0.00	256.29	245.31
MW-14	2.0	25.0 - 40.0	284.91	259.91	244.91	9/18/17	NM	30.55	39.60	0.00	254.36	245.31
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	7/30/12	NM	28.85	NM	0.00	253.07	NM
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	11/2/12	NM	30.18	NM	0.00	251.74	NM
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	2/4/13	NM	28.60	NM	0.00	253.32	NM
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	6/3/13	No EOS	27.69	NM	0.00	254.23	NM
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	11/12/13	No EOS	29.36	NM	0.00	252.56	NM
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	5/21/14	No EOS	28.83	NM	0.00	253.09	NM
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	7/24/14	No EOS	29.01	NM	0.00	252.91	NM
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	12/6/16	NM	29.63	38.28	0.00	252.29	243.64
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	3/13/17	NM	27.72	38.23	0.00	254.20	243.69
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	6/26/17	NM	26.51	38.12	0.00	255.41	243.80
MW-15	2.0	23.0 - 38.0	281.92	258.92	243.92	9/18/17	NM	28.35	38.12	0.00	253.57	243.80
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	11/12/13	No EOS	30.21	NM	0.00	252.05	NM
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	5/21/14	No EOS	29.11	NM	0.00	253.15	NM
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	7/24/14	No EOS	29.50	NM	0.00	252.76	NM
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	12/6/16	NM	29.92	59.46	0.00	252.34	222.80
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	3/13/17	NM	28.05	60.15	0.00	254.21	222.11
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	6/26/17	NM	26.80	59.46	0.00	255.46	222.80
MW-15D	2.0	50.0 - 55.0	282.26	232.26	227.26	9/18/17	NM	28.61	59.46	0.00	253.65	222.80
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	7/30/12	NM	30.80	NM	0.00	253.20	NM
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	11/2/12	NM	32.19	NM	0.00	251.81	NM
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	2/4/13	NM	30.62	NM	0.00	253.38	NM
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	6/3/13	No EOS	29.64	NM	0.00	254.36	NM
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	11/12/13	No EOS	31.80	NM	0.00	252.20	NM
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	5/21/14	No EOS	30.82	NM	0.00	253.18	NM
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	7/24/14	No EOS	31.10	NM	0.00	252.90	NM
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	12/6/16	NM	31.60	39.76	0.00	252.40	244.24
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	3/13/17	NM	29.75	39.16	0.00	254.25	244.84
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	6/26/17	NM	28.28	39.74	0.00	255.72	244.26
MW-16	2.0	25.0 - 40.0	284.00	259.00	244.00	9/18/17	NM	30.15	39.74	0.00	253.85	244.26
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	7/30/12	NM	31.27	NM	0.00	253.46	NM
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	11/2/12	NM	32.68	NM	0.00	252.05	NM
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	2/4/13	NM	31.28	NM	0.00	253.45	NM
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	6/3/13	No EOS	30.11	NM	0.00	254.62	NM
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	11/12/13	No EOS	32.11	NM	0.00	252.62	NM
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	5/21/14	No EOS	31.36	NM	0.00	253.37	NM
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	7/24/14	No EOS	31.59	NM	0.00	253.14	NM
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	12/7/16	NM	32.30	38.73	0.00	252.43	246.00
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	3/13/17	NM	30.27	38.73	0.00	254.46	246.00
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	6/26/17	NM	28.78	39.08	0.00	255.95	245.65
MW-17	2.0	25.0 - 40.0	284.73	259.73	244.73	9/18/17	NM	30.67	39.08	0.00	254.06	245.65

APP C.1. Historical Monitoring Well Gauging Data

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data						
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)	
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	11/12/13	No EOS	32.09	NM	0.00	252.62	NM
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	5/21/14	No EOS	31.32	NM	0.00	253.39	NM
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	7/24/14	No EOS	31.55	NM	0.00	253.16	NM
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	12/7/16	NM	32.28	56.10	0.00	252.43	228.61
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	3/13/17	NM	30.25	56.10	0.00	254.46	228.61
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	6/26/17	NM	28.75	56.92	0.00	255.96	227.79
MW-17D	2.0	55.0 - 60.0	284.71	229.71	224.71	9/18/17	NM	30.66	56.92	0.00	254.05	227.79
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	11/12/13	No EOS	22.15	NM	0.00	251.92	NM
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	5/21/14	No EOS	20.95	NM	0.00	253.12	NM
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	7/24/14	No EOS	21.52	NM	0.00	252.55	NM
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	12/6/16	NM	21.79	29.09	0.00	252.28	244.98
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	3/13/17	NM	20.84	28.80	0.00	253.23	245.27
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	6/26/17	NM	18.91	28.98	0.00	255.16	245.09
MW-18	2.0	26.0 - 36.0	274.07	248.07	238.07	9/18/17	NM	20.80	28.98	0.00	253.27	245.09
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	11/12/13	No EOS	22.54	NM	0.00	251.87	NM
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	5/21/14	No EOS	21.36	NM	0.00	253.05	NM
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	7/24/14	No EOS	21.89	NM	0.00	252.52	NM
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	12/6/16	NM	22.14	57.47	0.00	252.27	216.94
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	3/13/17	NM	20.29	57.47	0.00	254.12	216.94
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	6/26/17	NM	19.32	58.51	0.00	255.09	215.90
MW-18D	2.0	55.0 - 60.0	274.41	219.41	214.41	9/18/17	NM	21.14	58.51	0.00	253.27	215.90
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	11/12/13	No EOS	23.43	NM	0.00	256.33	NM
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	5/21/14	No EOS	18.90	NM	0.00	260.86	NM
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	7/24/14	No EOS	19.95	NM	0.00	259.81	NM
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	12/6/16	NM	20.07	33.33	0.00	259.69	246.43
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	3/13/17	NM	16.54	33.33	0.00	263.22	246.43
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	6/26/17	NM	17.13	33.29	0.00	262.63	246.47
MW-19	2.0	25.0 - 35.0	279.76	254.76	244.76	9/18/17	NM	20.63	33.29	0.00	259.13	246.47
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	11/12/13	No EOS	28.11	NM	0.00	251.73	NM
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	5/21/14	No EOS	26.90	NM	0.00	252.94	NM
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	7/24/14	No EOS	27.49	NM	0.00	252.35	NM
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	12/6/16	NM	27.72	57.01	0.00	252.12	222.83
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	3/13/17	NM	25.85	57.01	0.00	253.99	222.83
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	6/26/17	NM	24.86	57.92	0.00	254.98	221.92
MW-19D	2.0	55.0 - 60.0	279.84	224.84	219.84	9/18/17	NM	26.72	57.92	0.00	253.12	221.92
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	11/12/13	No EOS	30.90	NM	0.00	251.71	NM
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	5/21/14	No EOS	26.69	NM	0.00	255.92	NM
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	7/24/14	No EOS	30.23	NM	0.00	252.38	NM
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	12/6/16	NM	30.47	58.75	0.00	252.14	223.86
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	3/13/17	NM	28.63	58.75	0.00	253.98	223.86
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	6/26/17	NM	27.59	59.51	0.00	255.02	223.10
MW-20D	2.0	55.0 - 60.0	282.61	227.61	222.61	9/18/17	NM	29.42	59.51	0.00	253.19	223.10
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	5/21/14	No EOS	34.90	NM	0.00	252.49	NM
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	7/24/14	No EOS	35.20	NM	0.00	252.19	NM
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	12/7/16	NM	35.68	64.47	0.00	251.71	222.92
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	3/13/17	NM	34.20	64.47	0.00	253.19	222.92
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	6/26/17	NM	32.13	65.31	0.00	255.26	222.08
MW-21D	2.0	61.0 - 66.0	287.39	226.39	221.39	9/18/17	NM	33.92	65.31	0.00	253.47	222.08
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	5/21/14	No EOS	32.44	NM	0.00	252.39	NM
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	7/24/14	No EOS	32.75	NM	0.00	252.08	NM
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	12/6/16	NM	33.01	59.32	0.00	251.82	225.51
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	3/13/17	NM	31.26	59.32	0.00	253.57	225.51
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	6/26/17	NM	29.74	59.85	0.00	255.09	224.98
MW-22D	2.0	50.0 - 60.0	284.83	234.83	224.83	9/18/17	NM	31.59	59.85	0.00	253.24	224.98
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	7/24/14	No EOS	28.18	NM	0.00	252.91	NM
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	12/6/16	NM	28.68	34.72	0.00	252.41	246.37
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	3/13/17	NM	26.80	34.72	0.00	254.29	246.37
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	6/26/17	NM	25.54	33.69	0.00	255.55	247.40
MW-23	2.0	25.0 - 30.0	281.09	256.09	251.09	9/18/17	NM	27.40	33.69	0.00	253.69	247.40
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	7/24/14	No EOS	26.42	NM	0.00	253.15	NM
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	12/7/16	NM	27.09	29.29	0.00	252.48	250.28
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	3/13/17	NM	25.11	29.15	0.00	254.46	250.42
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	6/26/17	NM	23.72	29.31	0.00	255.85	250.26
MW-101	2.0	20.0 - 30.0	279.57	259.57	249.57	9/18/17	NM	25.63	29.31	0.00	253.94	250.26

APP C.1. Historical Monitoring Well Gauging Data

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Monitoring Well Construction Information					Gauging Data						
	Well Diameter (in)	Screened Interval (ft bgs)	Elevations (feet above mean sea level)			Date	Measurements (feet below top of casing)			Approximate EOS Thickness (feet)	Elevations (feet above mean sea level)	
			Top of Casing	Top of Screen	Bottom of Screen		Depth to EOS	Depth to Water	Depth to Bottom		Groundwater	Bottom of Well

- Notes:
- 1. NM = Not Measured
 - 2. Prior to 2017, EOS thicknesses were based solely on oil-water interface probe measurements, which have proven inaccurate for determining the precise depth of the EOS/water interface. Beginning in 2017, a bailer was used to retrieve an EOS sample for measurement of the EOS thickness.



Appendix C.2

Historical Summary of Groundwater Analytical Results

APP C.2. Historical Summary of Groundwater Analytical Results

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Sample Date	Sample Method	Pump Intake Elevation	Analytical Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
Chemical Abstracts Service (CAS) Registry Number					127-18-4	79-01-6	156-59-2	75-01-4
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Levels					5	5	--	0.20
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Cancer)					--	--	--	--
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Non Cancer)					--	--	16	--
MW-1	1/25/08	NA	NA	USEPA Method 8260	2300	42	32	<10
MW-1	10/1/09	NA	NA	USEPA Method 8260	6200	120	240	<61
MW-1	11/29/11	Low-Flow	NA	USEPA Method 8260	40.3	2.5	6.2	<1.0
MW-1	8/2/12	Low-Flow	NA	USEPA Method 8260	91.2	5.1	15.2	<1.0
MW-1	11/7/13	Low-Flow	NA	USEPA Method 8260	83.7	4.2	15.4	<0.40
MW-1	2/7/13	Low-Flow	NA	USEPA Method 8260	136	6.8	19.8	<0.40
MW-1	6/10/13	Low-Flow	NA	USEPA Method 8260	132	6.7	23.7	<0.40
MW-1	11/15/13	Low-Flow	NA	USEPA Method 8260	81.3	3.7	19.7	0.44
MW-1	5/21/14	Low-Flow	NA	USEPA Method 8260	108	9.9	30.4	0.37
MW-1	12/8/16	Low-Flow	NA	USEPA Method 8260	472	51.5	312	4.2
MW-1 DUP	12/8/16	Low-Flow	NA	USEPA Method 8260	419	48.2	293	3.5
MW-1	3/17/17	Low-Flow	247.80	USEPA Method 8260	670	73.7	365	3.2
MW-1 DUP	3/17/17	Low-Flow	247.80	USEPA Method 8260	681	73.1	404	3.2
MW-1	6/29/17	Low-Flow	247.99	USEPA Method 8260	928	52.7	344	3.1
MW-1 DUP	6/29/17	Low-Flow	247.99	USEPA Method 8260	928	56.6	337	3.5
MW-1	9/22/17	Low-Flow	247.03	USEPA Method 8260	730	58.3	484	3.3
MW-1 DUP	9/22/17	Low-Flow	247.03	USEPA Method 8260	784	60.3	499	3.5
MW-1D	5/1/08	NA	NA	USEPA Method 8260	61	1.1	3.1	<0.40
MW-1D	10/1/09	NA	NA	USEPA Method 8260	9.4	0.2	<0.2	<0.2
MW-1D	11/11/09	NA	NA	USEPA Method 8260	4.6	<0.2	<0.2	<0.2
MW-1D	11/29/11	Low-Flow	NA	USEPA Method 8260	5.4	<1.0	<1.0	<1.0
MW-1D	8/2/12	Low-Flow	NA	USEPA Method 8260	13	<1.0	<1.0	<1.0
MW-1D	11/7/12	Low-Flow	NA	USEPA Method 8260	6.6	<1.0	<1.0	<0.40
MW-1D	2/7/13	Low-Flow	NA	USEPA Method 8260	3.2	<1.0	<1.0	<0.40
MW-1D	6/5/13	Low-Flow	NA	USEPA Method 8260	2	<1.0	<1.0	<0.40
MW-1D	11/14/13	Low-Flow	NA	USEPA Method 8260	1.7	<0.40	<1.0	<0.40
MW-1D	5/17/14	Low-Flow	NA	USEPA Method 8260	1.3	<0.40	<0.10	<0.020
MW-1D	12/8/16	Low-Flow	NA	USEPA Method 8260	3.9	<0.40	<0.50	<0.20
MW-1D	3/16/17	Low-Flow	231.71	USEPA Method 8260	3.4	<0.40	<0.50	<0.20
MW-1D	6/28/17	Low-Flow	230.71	USEPA Method 8260	1.3	<0.40	<0.50	<0.20
MW-1D	9/20/17	Low-Flow	229.25	USEPA Method 8260	2.1	<0.40	<0.50	<0.20
MW-2	1/25/08	NA	NA	USEPA Method 8260	1100	30	<10	<10
MW-2	10/1/09	NA	NA	USEPA Method 8260	1200	33	9.6	<4.0
MW-2	11/29/11	Low-Flow	NA	USEPA Method 8260	20.1	<1.0	<1.0	<1.0
MW-2	8/1/12	Low-Flow	NA	USEPA Method 8260	16.8	1.1	<1.0	<1.0
MW-2	11/6/12	Low-Flow	NA	USEPA Method 8260	13	<1.0	<0.40	<0.40
MW-2	2/6/13	Low-Flow	NA	USEPA Method 8260	23.1	<1.0	<0.40	<0.40
MW-2	6/10/13	Low-Flow	NA	USEPA Method 8260	18.4	0.75	<0.40	<0.40
MW-3	1/25/08	NA	NA	USEPA Method 8260	1100	24	<10	<10
MW-3	10/1/09	NA	NA	USEPA Method 8260	460	8.4	<3.0	<3.0
MW-3	11/29/11	Low-Flow	NA	USEPA Method 8260	21.6	1	<1.0	<1.0
MW-3	8/1/12	Low-Flow	NA	USEPA Method 8260	16.6	<1.0	<1.0	<1.0
MW-3	11/6/12	Low-Flow	NA	USEPA Method 8260	21.8	<1.0	<1.0	<0.40
MW-3	2/7/13	Low-Flow	NA	USEPA Method 8260	22.3	<1.0	<1.0	<0.40
MW-3	6/10/13	Low-Flow	NA	USEPA Method 8260	17.4	0.65	<1.0	<0.40
MW-4	5/1/08	NA	NA	USEPA Method 8260	3.9	<0.20	<0.20	<0.20
MW-4	9/30/09	NA	NA	USEPA Method 8260	3.1	<0.2	<0.2	<0.2
MW-4	11/22/11	Low-Flow	NA	USEPA Method 8260	5.1	<1.0	<1.0	<1.0
MW-4	8/1/12	Low-Flow	NA	USEPA Method 8260	6.1	<1.0	<1.0	<1.0
MW-4	11/5/12	Low-Flow	NA	USEPA Method 8260	6.1	<1.0	<1.0	<0.40
MW-4	2/5/13	Low-Flow	NA	USEPA Method 8260	5.1	<1.0	<1.0	<0.40
MW-4	6/5/13	Low-Flow	NA	USEPA Method 8260	6.1	<1.0	<1.0	<0.40
MW-4	5/17/14	Low-Flow	NA	USEPA Method 8260	3.7	<0.10	<0.10	<0.020
MW-4	12/8/16	Low-Flow	NA	USEPA Method 8260	4.2	<0.40	<0.50	<0.20
MW-4	3/14/17	Low-Flow	252.17	USEPA Method 8260	5.6	<0.40	<0.50	<0.20
MW-4	6/28/17	Low-Flow	252.12	USEPA Method 8260	4.6	<0.40	<0.50	<0.20
MW-4	9/20/17	Low-Flow	252.12	USEPA Method 8260	3.8	<0.40	<0.50	<0.20
MW-5	5/1/08	NA	NA	USEPA Method 8260	53	0.79	<0.20	<0.20
MW-5	9/30/09	NA	NA	USEPA Method 8260	17	0.4	<0.2	<0.2
MW-5	11/22/11	Low-Flow	NA	USEPA Method 8260	128	2.2	<1.0	<1.0
MW-5	8/1/12	Low-Flow	NA	USEPA Method 8260	55.6	<1.0	<1.0	<1.0
MW-5	11/5/2012	Low-Flow	NA	USEPA Method 8260	73.2	1.1	<1.0	<0.40
MW-5	2/4/13	Low-Flow	NA	USEPA Method 8260	27.5	<1.0	<1.0	<0.40
MW-5	6/6/13	Low-Flow	NA	USEPA Method 8260	21.7	<0.40	<1.0	<0.40

APP C.2. Historical Summary of Groundwater Analytical Results

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Sample Date	Sample Method	Pump Intake Elevation	Analytical Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
Chemical Abstracts Service (CAS) Registry Number					127-18-4	79-01-6	156-59-2	75-01-4
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Levels					5	5	--	0.20
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Cancer)					--	--	--	--
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Non Cancer)					--	--	16	--
MW-5	5/18/14	Low-Flow	NA	USEPA Method 8260	40	0.93	<0.10	<0.020
MW-5	12/8/16	Low-Flow	NA	USEPA Method 8260	64.3	1.3	<0.50	<0.20
MW-5	3/16/17	Low-Flow	244.82	USEPA Method 8260	21.1	0.48	<0.50	<0.20
MW-5	6/29/17	Low-Flow	244.75	USEPA Method 8260	30.9	0.81	<0.50	<0.20
MW-5	9/21/17	Low-Flow	244.75	USEPA Method 8260	126	2.6	<0.50	<0.20
MW-6	5/1/08	NA	NA	USEPA Method 8260	140	1.2	<1.0	<1.0
MW-6	10/1/09	NA	NA	USEPA Method 8260	65	0.6	<0.4	<0.4
MW-6	11/29/11	Low-Flow	NA	USEPA Method 8260	48.5	<1.0	<1.0	<1.0
MW-6	8/1/12	Low-Flow	NA	USEPA Method 8260	37.9	<1.0	<1.0	<1.0
MW-6	11/6/12	Low-Flow	NA	USEPA Method 8260	30.7	<1.0	<1.0	<0.40
MW-6	2/6/13	Low-Flow	NA	USEPA Method 8260	47.5	<1.0	<1.0	<0.40
MW-6	6/7/13	Low-Flow	NA	USEPA Method 8260	37.1	<0.40	<1.0	<0.40
MW-6	5/18/14	Low-Flow	NA	USEPA Method 8260	96	1.0	<0.10	<0.020
MW-6	12/7/16	Low-Flow	244.71	USEPA Method 8260	39.3	<0.40	<0.50	<0.20
MW-6	3/16/17	Low-Flow	244.61	USEPA Method 8260	44.2	<0.40	<0.50	<0.20
MW-6	6/29/17	Low-Flow	244.54	USEPA Method 8260	7.5	<0.40	<0.50	<0.20
MW-6	9/21/17	Low-Flow	246.62	USEPA Method 8260	46.8	<0.40	<0.50	<0.20
MW-7	9/26/08	NA	NA	USEPA Method 8260	1500	33	76	<10
MW-7	10/1/09	NA	NA	USEPA Method 8260	2000	35	100	<20
MW-7	11/29/11	Low-Flow	NA	USEPA Method 8260	136	8.6	48.6	<1.0
MW-7	8/2/12	Low-Flow	NA	USEPA Method 8260	190	8	36.6	<1.0
MW-7	11/7/12	Low-Flow	NA	USEPA Method 8260	115	5.7	28.5	<0.40
MW-7	2/7/13	Low-Flow	NA	USEPA Method 8260	133	6.5	37.5	<0.40
MW-7	6/10/13	Low-Flow	NA	USEPA Method 8260	61.2	3.2	32.6	0.46
MW-7	5/21/14	Low-Flow	NA	USEPA Method 8260	66	5.7	33	0.38
MW-7	9/21/17	Bailer	NA	USEPA Method 8260	819	13.0	220	1.6
MW-8	9/26/08	NA	NA	USEPA Method 8260	0.31	<0.2	<0.2	<0.2
MW-8	9/30/09	NA	NA	USEPA Method 8260	<0.2	<0.2	<0.2	<0.2
MW-8	11/21/11	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<1.0
MW-8	7/30/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<1.0
MW-8	11/2/2012	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-8	2/4/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-8	6/5/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-8	5/15/14	Low-Flow	NA	USEPA Method 8260	0.079	<0.10	<0.10	<0.020
MW-8	12/8/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-8	3/14/17	Low-Flow	248.73	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-8	6/28/17	Low-Flow	249.20	USEPA Method 8260	<0.5	<0.4	<0.5	<0.2
MW-8	9/20/17	Low-Flow	248.21	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-9	9/26/08	NA	NA	USEPA Method 8260	18	0.58	<0.20	<0.20
MW-9	10/1/09	NA	NA	USEPA Method 8260	62	1.7	<1.0	<1.0
MW-9	11/22/11	Low-Flow	NA	USEPA Method 8260	2.1	<1.0	<1.0	<1.0
MW-9	7/31/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<1.0
MW-9	11/5/12	Low-Flow	NA	USEPA Method 8260	3.5	<1.0	<1.0	<0.40
MW-9	2/5/13	Low-Flow	NA	USEPA Method 8260	9.6	<1.0	<1.0	<0.40
MW-9	6/5/13	Low-Flow	NA	USEPA Method 8260	43.6	1.3	<1.0	<0.40
MW-9	5/18/14	Low-Flow	NA	USEPA Method 8260	1.6	0.072	<0.10	<0.020
MW-9	12/6/16	Low-Flow	NA	USEPA Method 8260	6.1	<0.40	<0.50	<0.20
MW-9	3/14/17	Low-Flow	248.99	USEPA Method 8260	69.2	2.0	1.2	<0.20
MW-9	6/28/17	Low-Flow	249.65	USEPA Method 8260	6	<0.40	<0.50	<0.20
MW-9	9/20/17	Low-Flow	248.72	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-10	9/26/08	NA	NA	USEPA Method 8260	0.69	<0.2	<0.2	<0.2
MW-10	9/30/09	NA	NA	USEPA Method 8260	<0.2	<0.2	<0.2	<0.2
MW-10	11/22/11	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<1.0
MW-10	7/31/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<1.0
MW-10	11/5/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-10	2/5/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-10	6/4/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-10	12/6/16	Low-Flow	263.21	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-10	3/15/17	Low-Flow	261.08	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-10	6/25/17	Low-Flow	263.10	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-10	9/19/17	Low-Flow	263.10	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-11	6/21/10	Low-Flow	NA	USEPA Method 8260	2300	36	2.6	<2.0
MW-11	11/29/11	Low-Flow	NA	USEPA Method 8260	2350	31.1	2.6	<1.0

APP C.2. Historical Summary of Groundwater Analytical Results

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Sample Date	Sample Method	Pump Intake Elevation	Analytical Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
Chemical Abstracts Service (CAS) Registry Number					127-18-4	79-01-6	156-59-2	75-01-4
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Levels					5	5	--	0.20
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Cancer)					--	--	--	--
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Non Cancer)					--	--	16	--
MW-11	8/1/12	Low-Flow	NA	USEPA Method 8260	1700	49.5	3.4	<1.0
MW-11	11/6/12	Low-Flow	NA	USEPA Method 8260	1520	55.5	<10	<4.0
MW-11	2/6/13	Low-Flow	NA	USEPA Method 8260	319	13.1	<5.0	<2.0
MW-11	6/7/13	Low-Flow	NA	USEPA Method 8260	1800	53.8	<10	<10.0
MW-11	11/15/13	Low-Flow	NA	USEPA Method 8260	910	47.9	<5.0	<2.0
MW-11	5/19/14	Low-Flow	NA	USEPA Method 8260	510	34	12	<0.020
MW-11	12/6/16	Low-Flow	246.21	USEPA Method 8260	575	46.5	86.1	<0.20
MW-11 DUP	12/6/16	Low-Flow	246.21	USEPA Method 8260	542	41.1	76.3	<1.0
MW-11	3/14/17	Low-Flow	247.17	USEPA Method 8260	246	21.8	40.7	<0.20
MW-11	6/29/17	Low-Flow	247.86	USEPA Method 8260	416	38.3	79.8	<1.0
MW-11	9/22/17	Low-Flow	246.91	USEPA Method 8260	404	35.4	90.5	<0.40
MW-12	7/30/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<1.0
MW-12	11/6/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-12	2/6/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-12	6/4/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-12	5/17/14	Low-Flow	NA	USEPA Method 8260	0.067	<0.10	<0.10	<0.020
MW-12	12/8/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-12	3/16/17	Low-Flow	253.00	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-12	6/28/17	Low-Flow	253.54	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-12	9/20/17	Low-Flow	252.55	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-13	7/30/12	Low-Flow	NA	USEPA Method 8260	110	1.5	<1.0	<1.0
MW-13	11/6/12	Low-Flow	NA	USEPA Method 8260	90.6	1	<1.0	<0.40
MW-13	2/6/13	Low-Flow	NA	USEPA Method 8260	92.4	1	<1.0	<0.40
MW-13	6/6/13	Low-Flow	NA	USEPA Method 8260	101	1.3	<1.0	<0.40
MW-13	5/18/14	Low-Flow	NA	USEPA Method 8260	57	0.62	<0.10	<0.020
MW-13	12/8/16	Low-Flow	NA	USEPA Method 8260	57.9	0.55	<0.50	<0.20
MW-13	3/17/17	Low-Flow	252.48	USEPA Method 8260	39.5	0.45	<0.50	<0.20
MW-13	6/29/17	Low-Flow	253.14	USEPA Method 8260	45.2	0.45	<0.50	<0.20
MW-13	9/21/17	Low-Flow	252.14	USEPA Method 8260	47.9	0.48	<0.50	<0.20
MW-14	7/31/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<1.0
MW-14	11/2/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-14	2/5/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-14	6/5/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-14	5/15/2014	Low-Flow	NA	USEPA Method 8260	0.071	<0.10	<0.10	<0.020
MW-14	12/8/2016	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-14	3/15/2017	Low-Flow	246.21	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-14	6/28/17	Low-Flow	246.60	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-14	9/20/17	Low-Flow	245.63	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-15	8/1/2012	Low-Flow	NA	USEPA Method 8260	2760	36.4	4.5	<1.0
MW-15	11/7/12	Low-Flow	NA	USEPA Method 8260	1820	28.5	<10	<4.0
MW-15	2/6/2013	Low-Flow	NA	USEPA Method 8260	1500	31	2.7	<0.40
MW-15	6/7/2013	Low-Flow	NA	USEPA Method 8260	1560	25.9	<10.0	<10.0
MW-15	5/19/14	Low-Flow	NA	USEPA Method 8260	770	20	1.0	<0.020
MW-15	12/9/16	Low-Flow	NA	USEPA Method 8260	434	12.1	<0.50	<0.20
MW-15	3/16/17	Low-Flow	247.73	USEPA Method 8260	523	15.8	0.65	<0.20
MW-15 DUP	3/16/17	Low-Flow	247.73	USEPA Method 8260	504	15.5	1.3	<0.20
MW-15	6/30/17	Low-Flow	248.39	USEPA Method 8260	546	14.4	<2.5	<1.0
MW-15 DUP	6/30/17	Low-Flow	248.39	USEPA Method 8260	540	15.0	<0.50	<0.20
MW-15	9/21/17	Low-Flow	247.47	USEPA Method 8260	558	12.7	<2.5	<1.0
MW-15 DUP	9/21/17	Low-Flow	247.47	USEPA Method 8260	494	12.5	<2.5	<1.0
MW-15D	11/15/13	Low-Flow	NA	USEPA Method 8260	13.8	3.5	<1.0	<0.40
MW-15D	5/17/14	Low-Flow	NA	USEPA Method 8260	12	2.5	<0.10	<0.020
MW-15D	12/9/16	Low-Flow	NA	USEPA Method 8260	18.2	3.1	<0.50	<0.20
MW-15D	3/16/17	Low-Flow	223.13	USEPA Method 8260	18.7	3.7	<0.50	<0.20
MW-15D	6/29/17	Low-Flow	223.48	USEPA Method 8260	6.6	1.6	<0.50	<0.20
MW-15D	9/21/17	Low-Flow	225.98	USEPA Method 8260	8.4	1.6	<0.50	<0.20
MW-16	7/31/12	Low-Flow	NA	USEPA Method 8260	9.4	<1.0	<1.0	<1.0
MW-16	11/5/12	Low-Flow	NA	USEPA Method 8260	14	<1.0	<1.0	<0.40
MW-16	2/5/13	Low-Flow	NA	USEPA Method 8260	13.3	<1.0	<1.0	<0.40
MW-16	6/6/13	Low-Flow	NA	USEPA Method 8260	12.2	<0.40	<1.0	<0.40
MW-16	5/15/14	Low-Flow	NA	USEPA Method 8260	9	<0.10	<0.10	<0.020
MW-16	12/6/16	Low-Flow	245.21	USEPA Method 8260	2.5	<0.40	<0.50	<0.20
MW-16	3/15/17	Low-Flow	246.61	USEPA Method 8260	3.3	<0.40	<0.50	<0.20

APP C.2. Historical Summary of Groundwater Analytical Results

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Sample Date	Sample Method	Pump Intake Elevation	Analytical Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
Chemical Abstracts Service (CAS) Registry Number					127-18-4	79-01-6	156-59-2	75-01-4
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Levels					5	5	--	0.20
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Cancer)					--	--	--	--
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Non Cancer)					--	--	16	--
MW-16	6/29/17	Low-Flow	246.70	USEPA Method 8260	1.9	<0.40	<0.50	<0.20
MW-16	9/19/17	Low-Flow	245.76	USEPA Method 8260	1.0	<0.40	<0.50	<0.20
MW-17	7/31/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<1.0
MW-17	11/5/12	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-17	2/5/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-17	6/4/13	Low-Flow	NA	USEPA Method 8260	<1.0	<1.0	<1.0	<0.40
MW-17	5/15/14	Low-Flow	NA	USEPA Method 8260	0.076	<0.10	<0.10	<0.020
MW-17	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17	3/15/17	Low-Flow	246.22	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17	6/28/17	Low-Flow	246.78	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17	9/20/17	Low-Flow	245.83	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17D	11/14/13	Low-Flow	NA	USEPA Method 8260	<1.0	<0.40	<1.0	<0.40
MW-17D	5/15/14	Low-Flow	NA	USEPA Method 8260	0.077	<0.10	<0.10	<0.020
MW-17D	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17D	3/15/17	Low-Flow	225.16	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17D	6/28/17	Low-Flow	226.71	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-17D	9/20/17	Low-Flow	224.75	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18	11/14/13	Low-Flow	NA	USEPA Method 8260	<1.0	<0.40	<1.0	<0.40
MW-18	5/15/14	Low-Flow	NA	USEPA Method 8260	0.072	<0.10	<0.10	<0.020
MW-18	12/6/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18	3/14/17	Low-Flow	253.31	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18	6/27/17	Low-Flow	253.22	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18	9/19/17	Low-Flow	253.22	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18D	11/14/13	Low-Flow	NA	USEPA Method 8260	<1.0	<0.40	<1.0	<0.40
MW-18D	5/15/14	Low-Flow	NA	USEPA Method 8260	0.071	<0.10	<0.10	<0.020
MW-18D	12/6/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18D	3/14/17	Low-Flow	224.47	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18D	6/27/17	Low-Flow	223.95	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-18D	9/19/17	Low-Flow	223.95	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19	11/14/13	Low-Flow	NA	USEPA Method 8260	<1.0	<0.40	<1.0	<0.40
MW-19	5/17/14	Low-Flow	NA	USEPA Method 8260	0.071	<0.10	<0.10	<0.020
MW-19	12/7/16	Low-Flow	261.71	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19	3/14/17	Low-Flow	251.54	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19	6/27/17	Low-Flow	251.56	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19	9/19/17	Low-Flow	251.56	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19D	11/14/13	Low-Flow	NA	USEPA Method 8260	<1.0	<0.40	<1.0	<0.40
MW-19D	5/17/14	Low-Flow	NA	USEPA Method 8260	0.074	<0.10	<0.10	<0.020
MW-19D	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19D	3/15/17	Low-Flow	224.70	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19D	6/27/17	Low-Flow	226.21	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-19D	9/19/17	Low-Flow	224.25	USEPA Method 8260	0.59	<0.40	<0.50	<0.20
MW-20D	11/14/13	Low-Flow	NA	USEPA Method 8260	<1.0	<0.40	<1.0	<0.40
MW-20D	5/17/14	Low-Flow	NA	USEPA Method 8260	0.069	<0.10	<0.10	<0.020
MW-20D	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-20D	3/14/17	Low-Flow	223.83	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-20D	6/27/17	Low-Flow	223.45	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-20D	9/19/17	Low-Flow	223.45	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-21D	5/17/14	Low-Flow	NA	USEPA Method 8260	0.075	<0.10	<0.10	<0.020
MW-21D	12/7/16	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-21D	3/14/17	Low-Flow	217.97	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-21D	6/27/17	Low-Flow	217.56	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-21D	9/20/17	Low-Flow	217.55	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-22D	5/18/2014	Low-Flow	NA	USEPA Method 8260	0.079	<0.10	<0.10	<0.020
MW-22D	12/7/2016	Low-Flow	NA	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-22D	3/14/2017	Low-Flow	226.05	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-22D	6/27/17	Low-Flow	225.78	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-22D	9/19/17	Low-Flow	223.45	USEPA Method 8260	<0.50	<0.40	<0.50	<0.20
MW-23	5/25/2014	Low-Flow	NA	USEPA Method 8260	330	13	3.2	<0.020
MW-23	12/6/2016	Low-Flow	249.21	USEPA Method 8260	562	21.6	5.7	<0.20

APP C.2. Historical Summary of Groundwater Analytical Results

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Sample Date	Sample Method	Pump Intake Elevation	Analytical Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride
Chemical Abstracts Service (CAS) Registry Number					127-18-4	79-01-6	156-59-2	75-01-4
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Levels					5	5	--	0.20
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Cancer)					--	--	--	--
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B Cleanup Levels (Non Cancer)					--	--	16	--
MW-23	3/16/2017	Low-Flow	249.95	USEPA Method 8260	572	20.9	5.6	<0.20
MW-23	6/29/17	Low-Flow	251.09	USEPA Method 8260	344	12.0	4.7	<1.0
MW-23	9/21/17	Low-Flow	250.16	USEPA Method 8260	462	12.7	7.8	<0.40
MW-101	5/20/2014	Low-Flow	NA	USEPA Method 8260	260	32	33	<0.020
MW-101	12/7/2016	Low-Flow	NA	USEPA Method 8260	234	11.1	88.0	<0.40
MW-101	3/16/2017	Low-Flow	253.58	USEPA Method 8260	204	11.7	116	<0.20
MW-101	6/29/17	Low-Flow	254.19	USEPA Method 8260	69.7	2.6	5.5	<0.20
MW-101	9/21/17	Low-Flow	253.24	USEPA Method 8260	223	9.4	98.8	<0.20

- Notes:
1. All water analytical results are presented in micrograms per liter (ug/L).
 2. A bold font style indicates that the concentration exceeds the Method A Cleanup Level for PCE, TCE, and VC or the Method B Cleanup Level for c-DCE.



Appendix C.3

Historical Summary of Soil Analytical Results

APP C.3. Historical Summary of Soil Analytical Results

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Date	Depth (ft)		Top-of-Ground Elevation (ft)	Sample Elevation (ft)		Media	Prep Method	Analytical Method	PCE	TCE	c-DCE	Vinyl Chloride		
Chemical Abstracts Service Registry Number (CASRN)										127-18-4	79-01-6	156-59-2	75-01-4		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A										0.05	0.03	--	--		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B (Cancer)										--	--	--	0.67		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B (Non Cancer)										--	--	160	--		
FB-1	1/4/08	5.0	-	5	Not Surveyed			Soil		EPA 8260	1.2	0.027	0.0040	<0.0083	
	1/4/08	7.0	-	7	Not Surveyed			Water		EPA 8260	0.091	0.0017	<0.0052	<0.0052	
FB-2	1/4/08	4.0	-	4	Not Surveyed			Soil		EPA 8260	0.091	<0.00054	<0.00054	<0.00054	
	1/4/08	7.0	-	7	Not Surveyed			Soil		EPA 8260	0.11	<0.00072	<0.00072	<0.00072	
FB-3	1/4/08	1.0	-	1	Not Surveyed			Soil		EPA 8260	3.4	0.11	0.060	<0.058	
	1/4/08	7.0	-	7	Not Surveyed			Soil		EPA 8260	7.6	0.035	0.031	<0.5	
FB-4	1/4/08	4.0	-	4	101.54	97.54	-	97.54	Soil	EPA 5035A	EPA 8260	440	4.5	<1.1	<1.1
	1/4/08	7.0	-	7	101.54	94.54	-	94.54	Soil	EPA 5030B	EPA 8260	0.52	0.017	0.066	<0.00076
FB-5	1/4/08	1.0	-	1	Not Surveyed			Soil	EPA 5035A	EPA 8260	13	0.13	0.014	<0.00067	
	1/4/08	8.0	-	8	Not Surveyed			Soil	EPA 5035A	EPA 8260	1.4	0.0042	0.0082	<0.00060	
FB-6	1/4/08	1.0	-	1	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.99	<0.00053	<0.00053	<0.00053	
	1/4/08	7.0	-	7	Not Surveyed			Soil		EPA 8260	0.31	<0.00060	<0.00060	<0.00060	
FB-7	3/31/08	5.0	-	5	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.035	<0.00075	0.00082	<0.00075	
	3/31/08	10.0	-	10	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.10	<0.00077	0.0038	<0.00077	
	3/31/08	20.0	-	20	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.13	<0.0011	0.0026	<0.0011	
FB-8	4/28/08	20.0	-	20	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.43	<0.060	<0.060	<0.30	
	4/28/08	25.0	-	25	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.21	<0.049	<0.049	<0.24	
FB-9	4/28/08	20.0	-	20	97.18	77.18	-	77.18	Soil	EPA 5035A	EPA 8260	0.21	<0.050	<0.050	<0.25
	4/28/08	25.0	-	25	97.18	72.18	-	72.18	Soil	EPA 5035A	EPA 8260	0.20	<0.055	<0.055	<0.27
IW-1	6/8/10	20.0	-	20	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.030	<0.0011	<0.0011	<0.0011	
	6/8/10	30.0	-	30	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.031	0.0012	<1	<1	
IW-3	6/7/10	30.0	-	30	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.56	<0.055	<0.055	<0.055	
IW-4	6/7/10	20.0	-	20	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.74	<0.049	<0.049	<0.049	
	6/7/10	40.0		40							<0.008	<0.0008	<0.0008	<0.0008	
IW-5	6/4/10	10.0	-	10	99.99	89.99	-	89.99	Soil	EPA 5035A	EPA 8260	0.054	<0.0009	<0.0009	<0.0009
	6/4/10	30.0	-	30	99.99	69.99	-	69.99	Soil	EPA 5030B	EPA 8260	0.760	<0.054	<0.054	<0.054
IW-6	6/4/10	15.0	-	15	100.90	85.90	-	85.90	Soil	EPA 5035A	EPA 8260	0.80	<0.047	<0.047	<0.047
	6/4/10	40.0	-	40	100.90	60.90	-	60.90	Soil	EPA 5035A	EPA 8260	0.34	<0.051	<0.051	<0.051
IW-7	6/4/10	30.0	-	30	101.29	71.29	-	71.29	Soil	EPA 5035A	EPA 8260	2.10	<0.059	<0.059	<0.059
IW-8	6/3/10	40.0	-	40	101.29	61.29	-	61.29	Soil	EPA 5035A	EPA 8260	0.11	0.0055	<0.0008	<0.0008
IW-10	6/3/10	40.0	-	40	100.77	60.77	-	60.77	Soil	EPA 5035A	EPA 8260	0.072	0.0039	<0.0008	<0.0008
IW-11	6/3/10	30.0	-	30	100.77	70.77	-	70.77	Soil	EPA 5035A	EPA 8260	2.0	<0.970	<0.970	<0.970
IW-12	6/10/10	30.0	-	30	100.60	70.6	-	70.6	Soil	EPA 5035A	EPA 8260	2.1	<0.053	<0.053	<0.053
IW-13	6/10/10	15.0	-	15	100.60	85.60	-	85.60	Soil	EPA 5035A	EPA 8260	2.0	<0.075	<0.075	<0.075
	6/10/10	25.0	-	25	100.60	75.60	-	75.60	Soil	EPA 5035A	EPA 8260	3.6	<0.071	<0.071	<0.071
IW-14	6/10/10	30.0	-	30	100.60	70.60	-	70.60	Soil	EPA 5035A	EPA 8260	1.2	<0.056	<0.056	<0.056
IW-15	6/10/10	15.0	-	15	100.60	85.60	-	85.60	Soil	EPA 5035A	EPA 8260	0.79	<0.052	0.070	<0.052
	1/10/10	40.0	-	40	100.60	60.60	-	60.60	Soil	EPA 5035A	EPA 8260	0.10	0.0017	0.0045	<0.0008
IW-16	6/11/10	10.0	-	10	100.60	90.60	-	90.60	Soil	EPA 5030B	EPA 8260	0.64	<0.057	0.073	<0.057
	6/11/10	30.0	-	30	100.60	70.60	-	70.60	Soil	EPA 5030B	EPA 8260	2.9	0.063	0.120	<0.047
IW-17	6/11/10	10.0	-	10	101.14	91.14	-	91.14	Soil	EPA 5035A	EPA 8260	0.92	<0.061	<0.061	<0.061
	6/11/10	20.0	-	20	101.14	81.14	-	81.14	Soil	EPA 5035A	EPA 8260	1.2	<0.044	<0.044	<0.044
	6/11/10	30.0	-	30	101.20	71.20	-	71.20	Soil	EPA 5035A	EPA 8260	<0.048	<0.048	<0.048	<0.048
IW-18	6/11/10	15.0	-	15	101.20	86.20	-	86.20	Soil	EPA 5030B	EPA 8260	0.63	<0.043	<0.043	<0.043
	6/11/10	25.0	-	25	Not Surveyed			Soil		EPA 8260	0.88	<0.045	<0.045	<0.045	
IW-19	6/14/10	20.0	-	20	Not Surveyed			Soil		EPA 8260	0.33	<0.071	<0.071	<0.071	
IW-20	6/14/10	10.0	-	10	Not Surveyed			Soil		EPA 8260	0.34	<0.055	<0.055	<0.055	
	6/14/10	25.0	-	25	Not Surveyed			Soil		EPA 8260	0.32	<0.038	<0.038	<0.038	
IW-21	6/14/10	20.0	-	20	Not Surveyed			Soil		EPA 8260	0.26	<0.056	<0.056	<0.056	
IW-22	6/15/10	15.0	-	25	Not Surveyed			Soil		EPA 8260	0.10	0.0020	<0.0016	<0.0016	
IW-23	6/15/10	20.0	-	20	Not Surveyed			Soil		EPA 8260	0.045	0.0014	<0.0008	<0.0008	
IW-24	6/15/10	18.0	-	18	Not Surveyed			Soil		EPA 8260	0.039	<0.0011	<0.0011	<0.0011	
IW-25	6/16/10	10.0	-	10	Not Surveyed			Soil		EPA 8260	0.021	<0.0009	<0.0009	<0.0009	
IW-26	6/16/10	10.0	-	10	Not Surveyed			Soil		EPA 8260	0.0049	<0.0007	<0.0007	<0.0007	
IW-27	6/1/10	15.0	-	15	Not Surveyed			Soil		EPA 8260	1.0	<0.048	<0.048	<0.048	
	6/1/10	22.5	-	22.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.90	<0.049	<0.049	<0.049	
IW-28	6/2/10	16.0	-	16	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.47	<0.072	<0.072	<0.072	
	6/2/10	25.0	-	25	Not Surveyed			Soil	EPA 5035A	EPA 8260	1.4	<0.077	<0.077	<0.077	
	6/2/10	40.0	-	40	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.0008	<0.0008	<0.0008	<0.0008	
MW-1	1/21/08	5.5	-	5.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.039	<0.00099	<0.00099	<0.00099	
	1/21/08	20.0	-	20	Not Surveyed			Soil		EPA 8260	0.047	<0.00076	<0.00076	<0.00076	
MW-1D	1/21/08	25.0	-	25	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.15	0.0028	0.0054	<0.0040	

APP C.3. Historical Summary of Soil Analytical Results

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175. Facility/Site ID: 476174

Location	Date	Depth (ft)		Top-of-Ground Elevation (ft)	Sample Elevation (ft)		Media	Prep Method	Analytical Method	PCE	TCE	c-DCE	Vinyl Chloride		
Chemical Abstracts Service Registry Number (CASRN)										127-18-4	79-01-6	156-59-2	75-01-4		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A										0.05	0.03	--	--		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B (Cancer)										--	--	--	0.67		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B (Non Cancer)										--	--	160	--		
MW-17	7/20/12	40.0	-	40	Not Surveyed			Soil		EPA 8260	<0.0032	<0.0032	<0.0032	<0.0032	
	7/20/12	5.0	-	5	Not Surveyed			Soil		EPA 8260	<0.0029	<0.0029	<0.0029	<0.0029	
	7/20/12	15.0	-	15	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0036	<0.0036	<0.0036	<0.0036	
	7/20/12	40.0	-	40	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0034	<0.0034	<0.0034	<0.0034	
MW-17D	10/1/13	5.3	-	5.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0042	<0.0042	<0.0042	<0.0042	
	10/1/13	6.0	-	6.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0041	<0.0041	<0.0041	<0.0041	
MW-18D	9/27/13	25.0	-	26.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0071	<0.0071	<0.0071	<0.0071	
	9/27/13	52.0	-	53.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0046	<0.0046	<0.0046	<0.0046	
	9/27/13	58.0	-	59.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0036	<0.0036	<0.0036	<0.0036	
MW-19D	9/24/13	20.0	-	21.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0037	<0.0037	<0.0037	<0.0037	
	9/25/13	52.0	-	53.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0050	<0.0050	<0.0050	<0.0050	
	9/25/13	58.0	-	59.0	Not Surveyed			Soil		EPA 8260	<0.0043	<0.0043	<0.0043	<0.0043	
MW-20D	10/3/13	40.0	-	40.8	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0039	<0.0039	<0.0039	<0.0039	
	10/3/13	53.5	-	55.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0045	<0.0045	<0.0045	<0.0045	
	10/3/13	58.5	-	60.0	Not Surveyed			Soil		EPA 8260	<0.0038	<0.0038	<0.0038	<0.0038	
MW-21D	10/2/13	10.0	-	15.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0051	<0.0051	<0.0051	<0.0051	
	10/3/13	25.7	-	26.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0121	<0.0121	<0.0121	<0.0121	
	5/15/14	63.0	-	65.0	Not Surveyed			Soil		EPA 8260	<0.00039	<0.0003	<0.0003	<0.0003	
	5/15/14	65.0	-	68.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.00035	<0.00026	<0.00026	<0.00026	
	5/15/14	65.0	-	68.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.00035	<0.0026	<0.0026	<0.0026	
MW-22D	5/16/14	33.0	-	35.0	Not Surveyed			Soil		EPA 8260	<0.00034	<0.00025	<0.00025	<0.00025	
	5/16/14	52.5	-	55.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.00039	<0.0003	<0.0003	<0.0003	
MW-23	7/23/14	10.0	-	11.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.00077	<0.00077	<0.00077	<0.00077	
	7/23/14	18.5	-	19.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.00067 J*	<0.00091	<0.00091	<0.00091	
	7/23/14	26.5	-	28.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.0012	<1	<1	<1	
	7/23/14	32.0	-	33.5	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.00089	<0.00089	<0.00089	<0.00089	
	7/23/14	35.0	-	36.1	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.057	0.0014	0.00060J	<0.00080	
	7/23/14	26.5	-	28.0	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.00095J	<0.00097	<0.00097	<0.00097	
SB-1	2/10/12	5.0	-	5	Not Surveyed			Soil		EPA 8260	0.0029	<0.0012	<0.0012	<0.0012	
	2/10/12	10.0	-	10	99.71	89.71	-	89.71	Soil	EPA 5035A	EPA 8260	0.0302	<0.0039	<0.0039	<0.0039
	2/10/12	20.0	-	20	99.71	79.71	-	79.71	Soil	EPA 5030B	EPA 8260	0.0264	<0.0037	<0.0037	<0.0037
	2/10/12	25.0	-	25	102.23	77.23	-	77.23	Soil	EPA 5035A	EPA 8260	0.0186	0.0069	<0.0012	<0.0012
	2/10/12	50.0	-	50	102.23	52.23	-	52.23	Soil	EPA 5035A	EPA 8260	0.0035	<0.0012	<0.0012	<0.0012
	2/10/12	55.0	-	55	102.23	47.23	-	47.23	Soil	EPA 5030B	EPA 8260	<0.0032	<0.0032	<0.0032	<0.0032
SB-2	2/10/12	60.0	-	60	98.95	38.95	-	38.95	Soil	EPA 5030B	EPA 8260	<0.00094	<0.00094	<0.00094	<0.00094
	2/20/12	10.0	-	10	Not Surveyed	-		Soil	EPA 5030B	EPA 8260	<0.0030	<0.0030	<0.0030	<0.0030	
	2/20/12	25.0	-	25	Not Surveyed	-		Soil	EPA 5030B	EPA 8260	<0.0035	<0.0035	<0.0035	<0.0035	
	2/20/12	45.0	-	45	Not Surveyed	-		Soil	EPA 5030B	EPA 8260	0.0802	<0.0037	<0.0037	<0.0037	
SB-3	2/20/12	60.0	-	60	Not Surveyed	-		Soil	EPA 5030B	EPA 8260	0.0512	<0.0030	<0.0030	<0.0030	
	2/14/12	10.0	-	10	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.179	<0.0044	<0.0044	<0.0044	
	2/14/12	35.0	-	35	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.163	<0.0034	<0.0034	<0.0034	
	2/14/12	50.0	-	50	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.0058	<0.0033	<0.0033	<0.0033	
SB-4	2/14/12	60.0	-	60	Not Surveyed			Soil		EPA 8260	0.0755	<0.0036	<0.0036	<0.0036	
	2/9/12	5.0	-	5	Not Surveyed			Soil		EPA 8260	0.124	0.0024	<0.0017	<0.0017	
	2/9/12	30.0	-	30	Not Surveyed			Soil		EPA 8260	0.454	0.0060	0.0019	<0.0013	
	2/9/12	45.0	-	45	Not Surveyed			Soil		EPA 8260	<0.0016	<0.0016	<0.0016	<0.0016	
	2/10/12	55.0	-	55	Not Surveyed			Soil		EPA 8260	<0.0032	<0.0032	<0.0032	<0.0032	
SB-5	2/9/12	60.0	-	60				Soil			<0.00099	<0.00099	<0.00099	<0.00099	
	2/21/12	15.0	-	15	Not Surveyed			Soil		EPA 8260	0.151	<0.0039	<0.0039	<0.0039	
	2/21/12	40.0	-	40	Not Surveyed			Soil		EPA 8260	<0.0035	<0.0035	<0.0035	<0.0035	
	2/21/12	50.0	-	50	Not Surveyed			Soil		EPA 8260	0.0182	<0.0036	<0.0036	<0.0036	
SB-6	2/21/12	60.0	-	60	Not Surveyed			Soil		EPA 8260	0.0135	<0.0035	<0.0035	<0.0035	
	2/13/12	30.0	-	30	Not Surveyed			Soil		EPA 8260	0.110	<0.0042	<0.0042	<0.0042	
	2/13/12	40.0	-	40	Not Surveyed			Soil		EPA 8260	0.0225	<0.0040	<0.0040	<0.0040	
	2/13/12	50.0	-	50	Not Surveyed			Soil	EPA 5035A	EPA 8260	<0.0034	<0.0034	<0.0034	<0.0034	
SB-7	2/13/12	60.0	-	60	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.0092	<0.0038	<0.0038	<0.0038	
	2/13/12	30.0	-	30	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.168	0.0058	<0.0033	<0.0033	
	2/13/12	40.0	-	40	Not Surveyed			Soil		EPA 8260	0.0296	<0.0035	<0.0035	<0.0035	
	2/13/12	50.0	-	50	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.0122	<0.0037	<0.0037	<0.0037	
SB-8	2/13/12	60.0	-	60	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.0132	<0.00038	<0.00038	<0.00038	
	2/8/12	10.0	-	10	Not Surveyed			Soil		EPA 8260	0.0411	<0.0024	<0.0024	<0.0024	
	2/8/12	25.0	-	25	Not Surveyed			Soil		EPA 8260	0.0546	<0.0048	<0.0048	<0.0048	
	2/8/12	35.0	-	35	Not Surveyed			Soil	EPA 5035A	EPA 8260	0.371	0.0541	<0.0015	<0.0015	
	2/8/12	45.0	-	45	Not Surveyed			Soil	EPA 5035A	EPA 8					

APP C.3. Historical Summary of Soil Analytical Results

Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP ID: NW2009; Cleanup Site ID: 4175; Facility/Site ID: 476174

Location	Date	Depth (ft)		Top-of-Ground Elevation (ft)	Sample Elevation (ft)		Media	Prep Method	Analytical Method	PCE	TCE	c-DCE	Vinyl Chloride		
Chemical Abstracts Service Registry Number (CASRN)										127-18-4	79-01-6	156-59-2	75-01-4		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method A										0.05	0.03	--	--		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B (Cancer)										--	--	--	0.67		
WA Dept. of Ecology Model Toxics Control Act (MTCA) Method B (Non Cancer)										--	--	160	--		
SB-20	3/28/14	2.7	-	2.7	93.72	91.02	-	91.02	Soil	EPA 5030B	EPA 8260	1.9	0.0013	<0.00035	<0.00035
	3/28/14	5.0	-	5.0	94.82	89.82	-	89.82	Soil	EPA 5035A	EPA 8260	0.054	<0.00026	<0.00026	<0.00026
	3/28/14	10.0	-	12.0	94.82	84.82	-	82.82	Soil	EPA 5030B	EPA 8260	0.150	0.0028	0.0019	<0.00029
SB-22	3/25/14	5.0	-	6.4	93.98	88.98	-	87.58	Soil	EPA 5035A	EPA 8260	0.150	<0.00026	<0.00026	<0.00026
	3/25/14	12.5	-	15.0	93.98	81.48	-	78.98	Soil	EPA 5035A	EPA 8260	0.078	0.00061	<0.00031	<0.00031
SB-23	3/26/14	1.0	-	3.2	93.98	92.98	-	90.78	Soil	EPA 5030B	EPA 8260	2.0	<0.00029	<0.00029	<0.00029
	3/26/14	10.3	-	13.3	92.56	82.26	-	79.26	Soil	EPA 5030B	EPA 8260	0.67	0.00032	<0.00028	<0.00028
SB-24	3/28/14	0.0	-	1.9	92.56	92.56	-	90.66	Soil	EPA 5030B	EPA 8260	1.4	0.00026	<0.00023	<0.00023
	3/28/14	11.5	-	13.4	Not Surveyed				Soil	EPA 5035A	EPA 8260	0.84	0.0037	0.0093	<0.00022
SB-25	3/28/14	0.0	-	1.9	Not Surveyed				Soil	EPA 5035A	EPA 8260	2.1	0.0067	<0.00029	<0.00029
	3/28/14	7.0	-	7.0	Not Surveyed				Soil		EPA 8260	0.072	0.00058	0.00075	<0.00024
	3/28/14	12.5	-	15.0	Not Surveyed				Soil	EPA 5035A	EPA 8260	6.2	0.0035	0.0037	<0.00032
	3/28/14	15.0	-	20.0	Not Surveyed				Soil	EPA 5035A	EPA 8260	0.038	0.00097	0.0015	<0.00029
	3/28/14	20.0	-	21.6	Not Surveyed				Soil		EPA 8260	0.15	0.00082	0.0017	<0.00032
SB-26	3/25/14	10.4	-	13.4	Not Surveyed				Soil	EPA 5035A	EPA 8260	0.15	<0.00022	<0.00022	<0.00022
	3/25/14	13.4	-	14.6	Not Surveyed				Soil	EPA 5035A	EPA 8260	5.3	0.0012	<0.00034	<0.00034
SB-27	3/26/14	0.0	-	1.0	Not Surveyed				Soil		EPA 8260	5.8	<0.00028	<0.00028	<0.00028
	3/26/14	11.8	-	13.6	Not Surveyed				Soil		EPA 8260	0.66	0.0015	0.0021	<0.00027
SB-28	3/28/14	1.7	-	3.5	Not Surveyed				Soil		EPA 8260	8.0	0.0030	<0.00032	<0.00032
	3/28/14	12.5	-	15.0	Not Surveyed				Soil		EPA 8260	0.13	0.0015	0.0043	<0.00022
SB-29	3/28/14	0.0	-	1.7	Not Surveyed				Soil		EPA 8260	1.6	0.00062	<0.00023	<0.00023
	3/28/14	10.5	-	12.3	Not Surveyed				Soil		EPA 8260	0.870	0.0036	0.015	<0.00021
SB-30	3/25/14	7.0	-	10.0	Not Surveyed				Soil		EPA 8260	0.13	<0.00022	<0.00022	<0.00022
	3/25/14	10.0	-	12.9	Not Surveyed				Soil		EPA 8260	5.5	<0.00024	<0.00024	<0.00024
	3/25/14	12.9	-	14.9	Not Surveyed				Soil		EPA 8260	960	0.0220	<0.0055	<0.0039
	3/29/14	15.0	-	15.8	Not Surveyed				Soil		EPA 8260	97	0.011	<0.00025	<0.00025
	3/29/14	15.8	-	18.9	-	-	-	-	Soil	EPA 5030B	EPA 8260	2.2	0.00045	<0.00030	<0.00030
	3/29/14	20.0	-	21.6	-	-	-	-	Soil	EPA 5030B	EPA 8260	2.4	0.00051	<0.00026	<0.00026
SB-31	3/26/14	2.5	-	3.3	-	-	-	-	Soil	EPA 5030B	EPA 8260	0.13	<0.00027	<0.00027	<0.00027
	3/26/14	12.8	-	14.8	-	-	-	-	Soil	EPA 5030B	EPA 8260	1.20	0.00088	0.00089	<0.00028
SB-32	3/28/14	6.0	-	8.0	-	-	-	-	Soil	EPA 5030B	EPA 8260	1.10	0.0013	0.0017	<0.00021
	3/28/14	12.1	-	14.5	-	-	-	-	Soil	EPA 5030B	EPA 8260	0.081	0.00039	0.00055	<0.00026
SB-33	3/28/14	10.0	-	12.0	-	-	-	-	Soil	EPA 5030B	EPA 8260	0.094	0.00054	0.0013	<0.00022
	3/28/14	12.0	-	13.5	-	-	-	-	Soil	EPA 5030B	EPA 8260	0.16	0.0018	0.0054	<0.00026
SB-34	3/26/14	5.0	-	6.1	-	-	-	-	Soil	EPA 5030B	EPA 8260	0.032	<0.00027	<0.00027	<0.00027
	3/26/14	6.1	-	9.0	-	-	-	-	Soil	EPA 5030B	EPA 8260	0.073	<0.00023	<0.00023	<0.00023
SB-35	3/26/14	8.0	-	10					Soil			1.1	<0.00032	<0.00023	<0.00023
	3/26/14	10.7	-	13.7					Soil			2.2	0.0018	0.00051	<0.00025
SB-36	3/28/14	0.0	-	1.7					Soil			2.1	<0.00024	<0.00024	<0.00024
	3/28/14	10.0	-	11.5					Soil			2.8	0.0018	0.0016	<0.00025
SB-37	3/29/14	1.1	-	2.4					Soil			4.6	0.0020	<0.00027	<0.00027
	3/29/14	7.9	-	10.0					Soil			0.13	0.0010	0.00079	<0.00025
	3/29/14	20.0	-	23.3					Soil			0.088	0.00071	0.00058	<0.00015
	3/29/14	27.5	-	29.7					Soil			2.0	0.0087	0.0083	<0.00026
SB-38 FD-1	2/27/18	2.5	-	2.9	280.22	277.72	-	277.32	Soil	EPA 5035	EPA 8260B	1.810	<0.0029	<0.0029	<0.0029
	2/27/18	10.0	-	12.1	280.22	270.22	-	268.12	Soil	EPA 5035	EPA 8260B	0.0673	<0.0028	<0.0028	<0.0028
	2/27/18	10.0	-	12.1	280.22	270.22	-	268.12	Soil	EPA 5035	EPA 8260B	0.0653	<0.0027	<0.0027	<0.0027
SB-39	2/27/18	7.0	-	8.8	279.92	272.92	-	271.12	Soil	EPA 5035	EPA 8260B	0.728	<0.0031	<0.0031	<0.0031
	2/27/18	10.0	-	11.8	279.92	269.92	-	268.12	Soil	EPA 5035	EPA 8260B	0.539	<0.0045	<0.0045	<0.0045
SB-40	2/27/18	2.8	-	4.0	280.01	277.21	-	276.01	Soil	EPA 5035	EPA 8260B	0.18	<0.0036	<0.0036	<0.0036
	2/27/18	11.8	-	14.1	280.01	268.21	-	265.91	Soil	EPA 5035	EPA 8260B	0.677	<0.0028	<0.0028	<0.0028
SB-41	2/28/18	0.0	-	0.7	280.10	280.1	-	279.4	Soil	EPA 5035	EPA 8260B	18.1	<0.0077	0.0134	<0.0077
	2/28/18	2.0	-	3.3	280.10	278.1	-	276.8	Soil	EPA 5035	EPA 8260B	1.12	<0.0028	<0.0028	<0.0028
SB-42	2/27/18	1.5	-	2.4	279.87	278.37	-	277.47	Soil	EPA 5035	EPA 8260B	0.14	<0.0029	<0.0029	<0.0029
	2/27/18	5.4	-	6.1	279.87	274.47	-	273.77	Soil	EPA 5035	EPA 8260B	0.0555	<0.0029	<0.0029	<0.0029
SB-43	2/27/18	10.0	-	11.6	279.63	269.63	-	268.03	Soil	EPA 5035	EPA 8260B	0.0836	<0.0028	<0.0028	<0.0028
	2/27/18	25.0	-	25.8	279.63	254.63	-	253.83	Soil	EPA 5035	EPA 8260B	0.116	<0.0027	<0.0027	<0.0027
SB-44	2/28/18	5.8	-	7.3	279.54	273.74	-	272.24	Soil	EPA 5035	EPA 8260B	0.427	<0.0029	<0.0029	<0.0029
	2/28/18	12.0	-	13.3	279.54	267.54	-	266.24	Soil	EPA 5035	EPA 8260B	0.364	<0.0029	<0.0029	<0.0029
SB-45	2/28/18	10.0	-	10.7	279.70	269.7	-	269	Soil	EPA 5035	EPA 8260B	0.153	<0.0026	<0.0026	<0.0026
	2/28/18	11.6	-	12.6	279.70	268.1	-	267.1	Soil	EPA 5035	EPA 8260B	0.290	0.007	<0.0029	<0.0029
SB-46	2/27/18	0.4	-	1.1	279.81	279.41	-	278.71	Soil	EPA 5035	EPA 8260B	0.0265	<0.0030	<0.0030	<0.0030
	2/27/18	7.5	-	9.7	279.81	272.31	-	270.11	Soil	EPA 5035	EPA 8260B	0.0185	<0.0032	<0.0032	<0.0032
SB-47	2/28/18	0.5	-	1.3	2										



Appendix D

Groundwater Laboratory Analytical Reports



Appendix D.1

4Q 2016 GW Laboratory Report

December 21, 2016

James Hogan
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS25LOC
Pace Project No.: 10372881

Dear James Hogan:

Enclosed are the analytical results for sample(s) received by the laboratory on December 10, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Timothy Sandager
timothy.sandager@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WAKS25LOC

Pace Project No.: 10372881

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

525 N 8th Street, Salina, KS 67401

Alaska Certification UST-107

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Virginia/VELAP Certification #: Pace

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: WAKS25LOC

Pace Project No.: 10372881

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10372881001	MW14:G120816	Water	12/08/16 08:56	12/10/16 08:55
10372881002	MW1:G120816	Water	12/08/16 15:52	12/10/16 08:55
10372881003	FD:G120816	Water	12/08/16 00:00	12/10/16 08:55
10372881004	MW13:G120816	Water	12/08/16 12:34	12/10/16 08:55
10372881005	MW5:G120816	Water	12/08/16 10:50	12/10/16 08:55
10372881006	MW19D:G120716	Water	12/07/16 15:10	12/10/16 08:55
10372881007	MW4:G120816	Water	12/08/16 11:49	12/10/16 08:55
10372881008	MW17D:G120716	Water	12/07/16 18:49	12/10/16 08:55
10372881009	MW17:G120716	Water	12/07/16 19:40	12/10/16 08:55
10372881010	MW6:G120716	Water	12/07/16 17:25	12/10/16 08:55
10372881011	MW8:G120816	Water	12/08/16 09:28	12/10/16 08:55
10372881012	MW19:G120716	Water	12/07/16 15:19	12/10/16 08:55
10372881013	EB1:W120816	Water	12/08/16 14:30	12/10/16 08:55
10372881014	MW12:G120816	Water	12/08/16 10:41	12/10/16 08:55
10372881015	MW101:G120716	Water	12/07/16 12:50	12/10/16 08:55
10372881016	MW1D:G120816	Water	12/08/16 15:30	12/10/16 08:55
10372881017	MW9:G120616	Water	12/06/16 15:52	12/10/16 08:55
10372881018	EB2:W120816	Water	12/08/16 14:35	12/10/16 08:55
10372881019	MW22D:G120716	Water	12/07/16 13:17	12/10/16 08:55
10372881020	MW20D:G120716	Water	12/07/16 11:14	12/10/16 08:55
10372881021	MW10:G120616	Water	12/06/16 19:10	12/10/16 08:55
10372881022	MW16:G120616	Water	12/06/16 18:22	12/10/16 08:55
10372881023	MW18:G120616	Water	12/06/16 13:55	12/10/16 08:55
10372881024	MW11:G120616	Water	12/06/16 11:47	12/10/16 08:55
10372881025	MW21D:G120716	Water	12/07/16 10:00	12/10/16 08:55
10372881026	FD:G120616	Water	12/06/16 00:00	12/10/16 08:55
10372881027	MW23:G120617	Water	12/06/16 17:04	12/10/16 08:55
10372881028	MW18D:G120616	Water	12/06/16 14:58	12/10/16 08:55
10372881029	MW15D:G120916	Water	12/09/16 12:37	12/10/16 08:55
10372881030	MW15:G120916	Water	12/09/16 13:14	12/10/16 08:55
10372881031	Trip Blank	Water	12/09/16 00:00	12/10/16 08:55

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SAMPLE ANALYTE COUNT

Project: WAKS25L0C

Pace Project No.: 10372881

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10372881001	MW14:G120816	EPA 8260B	DJB	72	PASI-M
10372881002	MW1:G120816	EPA 8260B	PRD	72	PASI-M
10372881003	FD:G120816	EPA 8260B	PRD	72	PASI-M
10372881004	MW13:G120816	EPA 8260B	DJB	72	PASI-M
10372881005	MW5:G120816	EPA 8260B	DJB	72	PASI-M
10372881006	MW19D:G120716	EPA 8260B	DJB	72	PASI-M
10372881007	MW4:G120816	EPA 8260B	DJB	72	PASI-M
10372881008	MW17D:G120716	EPA 8260B	DJB	72	PASI-M
10372881009	MW17:G120716	EPA 8260B	DJB	72	PASI-M
10372881010	MW6:G120716	EPA 8260B	DJB	72	PASI-M
10372881011	MW8:G120816	EPA 8260B	DJB	72	PASI-M
10372881012	MW19:G120716	EPA 8260B	DJB	72	PASI-M
10372881013	EB1:W120816	EPA 8260B	DJB	72	PASI-M
10372881014	MW12:G120816	EPA 8260B	DJB	72	PASI-M
10372881015	MW101:G120716	EPA 8260B	DJB	72	PASI-M
10372881016	MW1D:G120816	EPA 8260B	DJB	72	PASI-M
10372881017	MW9:G120616	EPA 8260B	DJB	72	PASI-M
10372881018	EB2:W120816	EPA 8260B	DJB	72	PASI-M
10372881019	MW22D:G120716	EPA 8260B	PRD	72	PASI-M
10372881020	MW20D:G120716	EPA 8260B	DJB	72	PASI-M
10372881021	MW10:G120616	EPA 8260B	DJB	72	PASI-M
10372881022	MW16:G120616	EPA 8260B	DJB	72	PASI-M
10372881023	MW18:G120616	EPA 8260B	DJB	72	PASI-M
10372881024	MW11:G120616	EPA 8260B	DJB	72	PASI-M
10372881025	MW21D:G120716	EPA 8260B	DJB	72	PASI-M
10372881026	FD:G120616	EPA 8260B	DJB	72	PASI-M
10372881027	MW23:G120617	EPA 8260B	DJB, PRD	72	PASI-M
10372881028	MW18D:G120616	EPA 8260B	PRD	72	PASI-M
10372881029	MW15D:G120916	EPA 8260B	DJB	72	PASI-M
10372881030	MW15:G120916	EPA 8260B	DJB, PRD	72	PASI-M
10372881031	Trip Blank	EPA 8260B	PRD	72	PASI-M

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW14:G120816		Lab ID: 10372881001	Collected: 12/08/16 08:56	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		12/15/16 04:38	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		12/15/16 04:38	107-05-1	
Benzene	ND	ug/L	0.50	1		12/15/16 04:38	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		12/15/16 04:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 04:38	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 04:38	75-27-4	
Bromoform	ND	ug/L	4.0	1		12/15/16 04:38	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1		12/15/16 04:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 04:38	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 04:38	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 04:38	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 04:38	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 04:38	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 04:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/15/16 04:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/15/16 04:38	67-66-3	
Chloromethane	ND	ug/L	4.0	1		12/15/16 04:38	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 04:38	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 04:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 04:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 04:38	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 04:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/15/16 04:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 04:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 04:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 04:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 04:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 04:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 04:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 04:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 04:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 04:38	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 04:38	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 04:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 04:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 04:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 04:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 04:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 04:38	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 04:38	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 04:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 04:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 04:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 04:38	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 04:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 04:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 04:38	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW14:G120816		Lab ID: 10372881001		Collected: 12/08/16 08:56		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 04:38	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 04:38	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 04:38	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 04:38	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 04:38	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/15/16 04:38	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 04:38	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 04:38	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 04:38	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 04:38	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 04:38	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 04:38	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 04:38	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 04:38	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 04:38	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 04:38	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 04:38	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 04:38	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 04:38	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 04:38	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 04:38	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 04:38	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	118	%.	75-125	1		12/15/16 04:38	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		12/15/16 04:38	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		12/15/16 04:38	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW1:G120816		Lab ID: 10372881002		Collected: 12/08/16 15:52		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	104	ug/L	40.0	2		12/17/16 06:34	67-64-1		
Allyl chloride	ND	ug/L	8.0	2		12/17/16 06:34	107-05-1		
Benzene	ND	ug/L	1.0	2		12/17/16 06:34	71-43-2		
Bromobenzene	ND	ug/L	1.0	2		12/17/16 06:34	108-86-1		
Bromochloromethane	ND	ug/L	2.0	2		12/17/16 06:34	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	2		12/17/16 06:34	75-27-4		
Bromoform	ND	ug/L	8.0	2		12/17/16 06:34	75-25-2		
Bromomethane	ND	ug/L	8.0	2		12/17/16 06:34	74-83-9		
2-Butanone (MEK)	187	ug/L	10.0	2		12/17/16 06:34	78-93-3		
n-Butylbenzene	ND	ug/L	1.0	2		12/17/16 06:34	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	2		12/17/16 06:34	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	2		12/17/16 06:34	98-06-6		
Carbon tetrachloride	ND	ug/L	2.0	2		12/17/16 06:34	56-23-5		
Chlorobenzene	ND	ug/L	1.0	2		12/17/16 06:34	108-90-7		
Chloroethane	ND	ug/L	2.0	2		12/17/16 06:34	75-00-3		
Chloroform	ND	ug/L	2.0	2		12/17/16 06:34	67-66-3		
Chloromethane	ND	ug/L	8.0	2		12/17/16 06:34	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	2		12/17/16 06:34	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	2		12/17/16 06:34	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	8.0	2		12/17/16 06:34	96-12-8		
Dibromochloromethane	ND	ug/L	2.0	2		12/17/16 06:34	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	2		12/17/16 06:34	106-93-4		
Dibromomethane	ND	ug/L	2.0	2		12/17/16 06:34	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	2		12/17/16 06:34	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	2		12/17/16 06:34	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	2		12/17/16 06:34	106-46-7		
Dichlorodifluoromethane	ND	ug/L	2.0	2		12/17/16 06:34	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	2		12/17/16 06:34	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	2		12/17/16 06:34	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	2		12/17/16 06:34	75-35-4		
cis-1,2-Dichloroethene	312	ug/L	1.0	2		12/17/16 06:34	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	2		12/17/16 06:34	156-60-5		
Dichlorofluoromethane	ND	ug/L	2.0	2		12/17/16 06:34	75-43-4		
1,2-Dichloropropane	ND	ug/L	8.0	2		12/17/16 06:34	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	2		12/17/16 06:34	142-28-9		
2,2-Dichloropropane	ND	ug/L	2.0	2		12/17/16 06:34	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	2		12/17/16 06:34	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	2		12/17/16 06:34	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	2		12/17/16 06:34	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	8.0	2		12/17/16 06:34	60-29-7		
Ethylbenzene	ND	ug/L	1.0	2		12/17/16 06:34	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	8.0	2		12/17/16 06:34	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	2		12/17/16 06:34	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	2		12/17/16 06:34	99-87-6		
Methylene Chloride	ND	ug/L	8.0	2		12/17/16 06:34	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	2		12/17/16 06:34	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	2		12/17/16 06:34	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW1:G120816		Lab ID: 10372881002		Collected: 12/08/16 15:52		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	8.0	2		12/17/16 06:34	91-20-3		
n-Propylbenzene	ND	ug/L	1.0	2		12/17/16 06:34	103-65-1		
Styrene	ND	ug/L	1.0	2		12/17/16 06:34	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	2		12/17/16 06:34	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	2		12/17/16 06:34	79-34-5		
Tetrachloroethene	472	ug/L	1.0	2		12/17/16 06:34	127-18-4		
Tetrahydrofuran	ND	ug/L	20.0	2		12/17/16 06:34	109-99-9		
Toluene	ND	ug/L	1.0	2		12/17/16 06:34	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	2		12/17/16 06:34	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	2		12/17/16 06:34	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	2		12/17/16 06:34	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	2		12/17/16 06:34	79-00-5		
Trichloroethene	51.5	ug/L	0.80	2		12/17/16 06:34	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	2		12/17/16 06:34	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	8.0	2		12/17/16 06:34	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	2.0	2		12/17/16 06:34	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	2		12/17/16 06:34	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	2		12/17/16 06:34	108-67-8		
Vinyl chloride	4.2	ug/L	0.40	2		12/17/16 06:34	75-01-4		
Xylene (Total)	ND	ug/L	3.0	2		12/17/16 06:34	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	2		12/17/16 06:34	179601-23-1		
o-Xylene	ND	ug/L	1.0	2		12/17/16 06:34	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125	2		12/17/16 06:34	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	2		12/17/16 06:34	2037-26-5		
4-Bromofluorobenzene (S)	96	%.	75-125	2		12/17/16 06:34	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: FD:G120816		Lab ID: 10372881003	Collected: 12/08/16 00:00	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	116	ug/L	100	5		12/15/16 19:15	67-64-1	
Allyl chloride	ND	ug/L	20.0	5		12/15/16 19:15	107-05-1	
Benzene	ND	ug/L	2.5	5		12/15/16 19:15	71-43-2	
Bromobenzene	ND	ug/L	2.5	5		12/15/16 19:15	108-86-1	
Bromochloromethane	ND	ug/L	5.0	5		12/15/16 19:15	74-97-5	
Bromodichloromethane	ND	ug/L	2.5	5		12/15/16 19:15	75-27-4	
Bromoform	ND	ug/L	20.0	5		12/15/16 19:15	75-25-2	
Bromomethane	ND	ug/L	20.0	5		12/15/16 19:15	74-83-9	
2-Butanone (MEK)	182	ug/L	25.0	5		12/15/16 19:15	78-93-3	
n-Butylbenzene	ND	ug/L	2.5	5		12/15/16 19:15	104-51-8	
sec-Butylbenzene	ND	ug/L	2.5	5		12/15/16 19:15	135-98-8	
tert-Butylbenzene	ND	ug/L	2.5	5		12/15/16 19:15	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	5		12/15/16 19:15	56-23-5	
Chlorobenzene	ND	ug/L	2.5	5		12/15/16 19:15	108-90-7	
Chloroethane	ND	ug/L	5.0	5		12/15/16 19:15	75-00-3	
Chloroform	ND	ug/L	5.0	5		12/15/16 19:15	67-66-3	
Chloromethane	ND	ug/L	20.0	5		12/15/16 19:15	74-87-3	
2-Chlorotoluene	ND	ug/L	2.5	5		12/15/16 19:15	95-49-8	
4-Chlorotoluene	ND	ug/L	2.5	5		12/15/16 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		12/15/16 19:15	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	5		12/15/16 19:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		12/15/16 19:15	106-93-4	
Dibromomethane	ND	ug/L	5.0	5		12/15/16 19:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.5	5		12/15/16 19:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.5	5		12/15/16 19:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.5	5		12/15/16 19:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	5		12/15/16 19:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.5	5		12/15/16 19:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.5	5		12/15/16 19:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.5	5		12/15/16 19:15	75-35-4	
cis-1,2-Dichloroethene	293	ug/L	2.5	5		12/15/16 19:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		12/15/16 19:15	156-60-5	
Dichlorofluoromethane	ND	ug/L	5.0	5		12/15/16 19:15	75-43-4	
1,2-Dichloropropane	ND	ug/L	20.0	5		12/15/16 19:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.5	5		12/15/16 19:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	5		12/15/16 19:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.5	5		12/15/16 19:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		12/15/16 19:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		12/15/16 19:15	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		12/15/16 19:15	60-29-7	
Ethylbenzene	ND	ug/L	2.5	5		12/15/16 19:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	5		12/15/16 19:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		12/15/16 19:15	98-82-8	
p-Isopropyltoluene	ND	ug/L	2.5	5		12/15/16 19:15	99-87-6	
Methylene Chloride	ND	ug/L	20.0	5		12/15/16 19:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		12/15/16 19:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.5	5		12/15/16 19:15	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: FD:G120816		Lab ID: 10372881003		Collected: 12/08/16 00:00		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	20.0	5		12/15/16 19:15	91-20-3		
n-Propylbenzene	ND	ug/L	2.5	5		12/15/16 19:15	103-65-1		
Styrene	ND	ug/L	2.5	5		12/15/16 19:15	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		12/15/16 19:15	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		12/15/16 19:15	79-34-5		
Tetrachloroethene	419	ug/L	2.5	5		12/15/16 19:15	127-18-4		
Tetrahydrofuran	ND	ug/L	50.0	5		12/15/16 19:15	109-99-9		
Toluene	ND	ug/L	2.5	5		12/15/16 19:15	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.5	5		12/15/16 19:15	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.5	5		12/15/16 19:15	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	5		12/15/16 19:15	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	5		12/15/16 19:15	79-00-5		
Trichloroethene	48.2	ug/L	2.0	5		12/15/16 19:15	79-01-6		
Trichlorofluoromethane	ND	ug/L	2.5	5		12/15/16 19:15	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	20.0	5		12/15/16 19:15	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	5		12/15/16 19:15	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	2.5	5		12/15/16 19:15	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		12/15/16 19:15	108-67-8		
Vinyl chloride	3.5	ug/L	1.0	5		12/15/16 19:15	75-01-4		
Xylene (Total)	ND	ug/L	7.5	5		12/15/16 19:15	1330-20-7		
m&p-Xylene	ND	ug/L	5.0	5		12/15/16 19:15	179601-23-1		
o-Xylene	ND	ug/L	2.5	5		12/15/16 19:15	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%.	75-125	5		12/15/16 19:15	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	5		12/15/16 19:15	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	5		12/15/16 19:15	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW13:G120816		Lab ID: 10372881004		Collected: 12/08/16 12:34		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		12/19/16 15:43	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/19/16 15:43	107-05-1		
Benzene	ND	ug/L	0.50	1		12/19/16 15:43	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/19/16 15:43	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/19/16 15:43	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/19/16 15:43	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/19/16 15:43	75-25-2		
Bromomethane	ND	ug/L	4.0	1		12/19/16 15:43	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/19/16 15:43	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/19/16 15:43	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/19/16 15:43	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/19/16 15:43	98-06-6		
Carbon tetrachloride	1.2	ug/L	1.0	1		12/19/16 15:43	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		12/19/16 15:43	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/19/16 15:43	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/19/16 15:43	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/19/16 15:43	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/19/16 15:43	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/19/16 15:43	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/19/16 15:43	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		12/19/16 15:43	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/19/16 15:43	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/19/16 15:43	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/19/16 15:43	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/19/16 15:43	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/19/16 15:43	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/19/16 15:43	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/19/16 15:43	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/19/16 15:43	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/19/16 15:43	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/19/16 15:43	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/19/16 15:43	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/19/16 15:43	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/19/16 15:43	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/19/16 15:43	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/19/16 15:43	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/19/16 15:43	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/19/16 15:43	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/19/16 15:43	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/19/16 15:43	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/19/16 15:43	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/19/16 15:43	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/19/16 15:43	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/19/16 15:43	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/19/16 15:43	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/19/16 15:43	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/19/16 15:43	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW13:G120816		Lab ID: 10372881004		Collected: 12/08/16 12:34		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		12/19/16 15:43	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		12/19/16 15:43	103-65-1		
Styrene	ND	ug/L	0.50	1		12/19/16 15:43	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/19/16 15:43	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/19/16 15:43	79-34-5		
Tetrachloroethene	57.9	ug/L	0.50	1		12/19/16 15:43	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/19/16 15:43	109-99-9		
Toluene	ND	ug/L	0.50	1		12/19/16 15:43	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/19/16 15:43	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/19/16 15:43	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/19/16 15:43	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/19/16 15:43	79-00-5		
Trichloroethene	0.55	ug/L	0.40	1		12/19/16 15:43	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/19/16 15:43	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/19/16 15:43	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/19/16 15:43	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/19/16 15:43	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/19/16 15:43	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/19/16 15:43	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/19/16 15:43	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/19/16 15:43	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/19/16 15:43	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-125	1		12/19/16 15:43	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		12/19/16 15:43	2037-26-5		
4-Bromofluorobenzene (S)	98	%.	75-125	1		12/19/16 15:43	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW5:G120816		Lab ID: 10372881005	Collected: 12/08/16 10:50	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		12/19/16 16:05	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		12/19/16 16:05	107-05-1	
Benzene	ND	ug/L	0.50	1		12/19/16 16:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		12/19/16 16:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/19/16 16:05	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		12/19/16 16:05	75-27-4	
Bromoform	ND	ug/L	4.0	1		12/19/16 16:05	75-25-2	
Bromomethane	ND	ug/L	4.0	1		12/19/16 16:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/19/16 16:05	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		12/19/16 16:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		12/19/16 16:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		12/19/16 16:05	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/19/16 16:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		12/19/16 16:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/19/16 16:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/19/16 16:05	67-66-3	
Chloromethane	ND	ug/L	4.0	1		12/19/16 16:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		12/19/16 16:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		12/19/16 16:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/19/16 16:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		12/19/16 16:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/19/16 16:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/19/16 16:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/19/16 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/19/16 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/19/16 16:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/19/16 16:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		12/19/16 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		12/19/16 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		12/19/16 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/19/16 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/19/16 16:05	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		12/19/16 16:05	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		12/19/16 16:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		12/19/16 16:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/19/16 16:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		12/19/16 16:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/19/16 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/19/16 16:05	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/19/16 16:05	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		12/19/16 16:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/19/16 16:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/19/16 16:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		12/19/16 16:05	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		12/19/16 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/19/16 16:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/19/16 16:05	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW5:G120816		Lab ID: 10372881005		Collected: 12/08/16 10:50		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		12/19/16 16:05	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		12/19/16 16:05	103-65-1		
Styrene	ND	ug/L	0.50	1		12/19/16 16:05	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/19/16 16:05	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/19/16 16:05	79-34-5		
Tetrachloroethene	64.3	ug/L	0.50	1		12/19/16 16:05	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/19/16 16:05	109-99-9		
Toluene	ND	ug/L	0.50	1		12/19/16 16:05	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/19/16 16:05	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/19/16 16:05	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/19/16 16:05	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/19/16 16:05	79-00-5		
Trichloroethene	1.3	ug/L	0.40	1		12/19/16 16:05	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/19/16 16:05	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/19/16 16:05	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/19/16 16:05	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/19/16 16:05	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/19/16 16:05	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/19/16 16:05	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/19/16 16:05	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/19/16 16:05	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/19/16 16:05	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125	1		12/19/16 16:05	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		12/19/16 16:05	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		12/19/16 16:05	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW19D:G120716		Lab ID: 10372881006		Collected: 12/07/16 15:10		Received: 12/10/16 08:55		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			12/14/16 17:58	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			12/14/16 17:58	107-05-1	
Benzene	ND	ug/L	0.50	1			12/14/16 17:58	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			12/14/16 17:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			12/14/16 17:58	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			12/14/16 17:58	75-27-4	
Bromoform	ND	ug/L	4.0	1			12/14/16 17:58	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1			12/14/16 17:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			12/14/16 17:58	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			12/14/16 17:58	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			12/14/16 17:58	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			12/14/16 17:58	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1			12/14/16 17:58	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1			12/14/16 17:58	108-90-7	
Chloroethane	ND	ug/L	1.0	1			12/14/16 17:58	75-00-3	
Chloroform	ND	ug/L	1.0	1			12/14/16 17:58	67-66-3	
Chloromethane	ND	ug/L	4.0	1			12/14/16 17:58	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 17:58	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 17:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			12/14/16 17:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1			12/14/16 17:58	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			12/14/16 17:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			12/14/16 17:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 17:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 17:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 17:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			12/14/16 17:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			12/14/16 17:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			12/14/16 17:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			12/14/16 17:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			12/14/16 17:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			12/14/16 17:58	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			12/14/16 17:58	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			12/14/16 17:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			12/14/16 17:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			12/14/16 17:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			12/14/16 17:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 17:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 17:58	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			12/14/16 17:58	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			12/14/16 17:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1			12/14/16 17:58	87-68-3	L3
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			12/14/16 17:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			12/14/16 17:58	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			12/14/16 17:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			12/14/16 17:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			12/14/16 17:58	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW19D:G120716		Lab ID: 10372881006		Collected: 12/07/16 15:10		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 17:58	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 17:58	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 17:58	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 17:58	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 17:58	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/14/16 17:58	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 17:58	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 17:58	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 17:58	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 17:58	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 17:58	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 17:58	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 17:58	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 17:58	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 17:58	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 17:58	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 17:58	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 17:58	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 17:58	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 17:58	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 17:58	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 17:58	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	120	%.	75-125	1		12/14/16 17:58	17060-07-0		
Toluene-d8 (S)	103	%.	75-125	1		12/14/16 17:58	2037-26-5		
4-Bromofluorobenzene (S)	103	%.	75-125	1		12/14/16 17:58	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW4:G120816		Lab ID: 10372881007	Collected: 12/08/16 11:49	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		12/15/16 05:44	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		12/15/16 05:44	107-05-1	
Benzene	ND	ug/L	0.50	1		12/15/16 05:44	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		12/15/16 05:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 05:44	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 05:44	75-27-4	
Bromoform	ND	ug/L	4.0	1		12/15/16 05:44	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1		12/15/16 05:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 05:44	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 05:44	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 05:44	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 05:44	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 05:44	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 05:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/15/16 05:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/15/16 05:44	67-66-3	
Chloromethane	ND	ug/L	4.0	1		12/15/16 05:44	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 05:44	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 05:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 05:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 05:44	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 05:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/15/16 05:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 05:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 05:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 05:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 05:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 05:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 05:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 05:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 05:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 05:44	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 05:44	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 05:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 05:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 05:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 05:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 05:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 05:44	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 05:44	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 05:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 05:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 05:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 05:44	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 05:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 05:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 05:44	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW4:G120816		Lab ID: 10372881007		Collected: 12/08/16 11:49		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 05:44	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 05:44	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 05:44	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 05:44	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 05:44	79-34-5		
Tetrachloroethene	4.2	ug/L	0.50	1		12/15/16 05:44	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 05:44	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 05:44	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 05:44	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 05:44	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 05:44	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 05:44	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 05:44	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 05:44	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 05:44	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 05:44	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 05:44	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 05:44	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 05:44	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 05:44	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 05:44	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 05:44	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	117	%.	75-125	1		12/15/16 05:44	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		12/15/16 05:44	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		12/15/16 05:44	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW17D:G120716		Lab ID: 10372881008		Collected: 12/07/16 18:49		Received: 12/10/16 08:55		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			12/14/16 18:20	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			12/14/16 18:20	107-05-1	
Benzene	ND	ug/L	0.50	1			12/14/16 18:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			12/14/16 18:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			12/14/16 18:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			12/14/16 18:20	75-27-4	
Bromoform	ND	ug/L	4.0	1			12/14/16 18:20	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1			12/14/16 18:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			12/14/16 18:20	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			12/14/16 18:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			12/14/16 18:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			12/14/16 18:20	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1			12/14/16 18:20	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1			12/14/16 18:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1			12/14/16 18:20	75-00-3	
Chloroform	ND	ug/L	1.0	1			12/14/16 18:20	67-66-3	
Chloromethane	ND	ug/L	4.0	1			12/14/16 18:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 18:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 18:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			12/14/16 18:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1			12/14/16 18:20	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			12/14/16 18:20	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			12/14/16 18:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 18:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 18:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 18:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			12/14/16 18:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			12/14/16 18:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			12/14/16 18:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			12/14/16 18:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			12/14/16 18:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			12/14/16 18:20	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			12/14/16 18:20	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			12/14/16 18:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			12/14/16 18:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			12/14/16 18:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			12/14/16 18:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 18:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 18:20	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			12/14/16 18:20	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			12/14/16 18:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1			12/14/16 18:20	87-68-3	L3
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			12/14/16 18:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			12/14/16 18:20	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			12/14/16 18:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			12/14/16 18:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			12/14/16 18:20	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW17D:G120716		Lab ID: 10372881008		Collected: 12/07/16 18:49		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 18:20	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 18:20	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 18:20	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 18:20	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 18:20	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/14/16 18:20	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 18:20	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 18:20	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 18:20	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 18:20	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 18:20	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 18:20	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 18:20	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 18:20	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 18:20	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 18:20	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 18:20	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 18:20	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 18:20	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 18:20	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 18:20	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 18:20	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	115	%.	75-125	1		12/14/16 18:20	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		12/14/16 18:20	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		12/14/16 18:20	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW17:G120716		Lab ID: 10372881009		Collected: 12/07/16 19:40		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/14/16 18:42	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/14/16 18:42	107-05-1		
Benzene	ND	ug/L	0.50	1		12/14/16 18:42	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/14/16 18:42	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/14/16 18:42	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/14/16 18:42	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/14/16 18:42	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/14/16 18:42	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/14/16 18:42	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/14/16 18:42	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/14/16 18:42	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/14/16 18:42	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/14/16 18:42	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/14/16 18:42	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/14/16 18:42	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/14/16 18:42	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/14/16 18:42	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 18:42	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 18:42	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/14/16 18:42	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/14/16 18:42	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/14/16 18:42	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/14/16 18:42	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 18:42	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 18:42	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 18:42	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/14/16 18:42	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/14/16 18:42	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/14/16 18:42	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/14/16 18:42	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 18:42	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 18:42	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/14/16 18:42	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/14/16 18:42	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/14/16 18:42	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/14/16 18:42	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/14/16 18:42	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 18:42	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 18:42	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/14/16 18:42	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/14/16 18:42	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/14/16 18:42	87-68-3	L3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/14/16 18:42	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/14/16 18:42	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/14/16 18:42	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/14/16 18:42	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/14/16 18:42	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW17:G120716		Lab ID: 10372881009		Collected: 12/07/16 19:40		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 18:42	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 18:42	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 18:42	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 18:42	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 18:42	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/14/16 18:42	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 18:42	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 18:42	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 18:42	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 18:42	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 18:42	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 18:42	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 18:42	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 18:42	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 18:42	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 18:42	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 18:42	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 18:42	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 18:42	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 18:42	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 18:42	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 18:42	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	117	%.	75-125	1		12/14/16 18:42	17060-07-0		
Toluene-d8 (S)	103	%.	75-125	1		12/14/16 18:42	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		12/14/16 18:42	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC
Pace Project No.: 10372881

Sample: MW6:G120716		Lab ID: 10372881010		Collected: 12/07/16 17:25		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/14/16 19:04	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/14/16 19:04	107-05-1		
Benzene	ND	ug/L	0.50	1		12/14/16 19:04	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/14/16 19:04	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/14/16 19:04	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/14/16 19:04	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/14/16 19:04	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/14/16 19:04	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/14/16 19:04	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/14/16 19:04	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/14/16 19:04	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/14/16 19:04	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/14/16 19:04	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/14/16 19:04	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/14/16 19:04	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/14/16 19:04	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/14/16 19:04	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 19:04	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 19:04	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/14/16 19:04	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/14/16 19:04	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/14/16 19:04	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/14/16 19:04	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:04	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:04	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:04	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/14/16 19:04	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/14/16 19:04	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/14/16 19:04	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/14/16 19:04	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 19:04	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 19:04	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/14/16 19:04	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/14/16 19:04	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/14/16 19:04	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/14/16 19:04	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/14/16 19:04	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 19:04	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 19:04	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/14/16 19:04	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/14/16 19:04	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/14/16 19:04	87-68-3	L3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/14/16 19:04	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/14/16 19:04	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/14/16 19:04	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/14/16 19:04	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/14/16 19:04	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW6:G120716		Lab ID: 10372881010		Collected: 12/07/16 17:25		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 19:04	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 19:04	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 19:04	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 19:04	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 19:04	79-34-5		
Tetrachloroethene	39.3	ug/L	0.50	1		12/14/16 19:04	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 19:04	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 19:04	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:04	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:04	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 19:04	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 19:04	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 19:04	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 19:04	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 19:04	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 19:04	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 19:04	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 19:04	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 19:04	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 19:04	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 19:04	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 19:04	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%.	75-125	1		12/14/16 19:04	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		12/14/16 19:04	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		12/14/16 19:04	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW8:G120816		Lab ID: 10372881011	Collected: 12/08/16 09:28	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		12/15/16 06:06	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		12/15/16 06:06	107-05-1	
Benzene	ND	ug/L	0.50	1		12/15/16 06:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		12/15/16 06:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 06:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 06:06	75-27-4	
Bromoform	ND	ug/L	4.0	1		12/15/16 06:06	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1		12/15/16 06:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 06:06	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:06	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 06:06	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 06:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/15/16 06:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/15/16 06:06	67-66-3	
Chloromethane	ND	ug/L	4.0	1		12/15/16 06:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 06:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 06:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 06:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 06:06	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 06:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/15/16 06:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 06:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 06:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 06:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:06	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 06:06	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 06:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 06:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 06:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:06	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 06:06	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 06:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 06:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 06:06	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 06:06	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 06:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 06:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 06:06	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW8:G120816		Lab ID: 10372881011		Collected: 12/08/16 09:28		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 06:06	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 06:06	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 06:06	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 06:06	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 06:06	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/15/16 06:06	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 06:06	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 06:06	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:06	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:06	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 06:06	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 06:06	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 06:06	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 06:06	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 06:06	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 06:06	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 06:06	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 06:06	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 06:06	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 06:06	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 06:06	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 06:06	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%.	75-125	1		12/15/16 06:06	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		12/15/16 06:06	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		12/15/16 06:06	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW19:G120716		Lab ID: 10372881012		Collected: 12/07/16 15:19		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/14/16 19:26	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/14/16 19:26	107-05-1		
Benzene	ND	ug/L	0.50	1		12/14/16 19:26	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/14/16 19:26	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/14/16 19:26	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/14/16 19:26	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/14/16 19:26	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/14/16 19:26	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/14/16 19:26	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/14/16 19:26	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/14/16 19:26	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/14/16 19:26	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/14/16 19:26	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/14/16 19:26	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/14/16 19:26	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/14/16 19:26	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/14/16 19:26	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 19:26	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 19:26	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/14/16 19:26	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/14/16 19:26	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/14/16 19:26	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/14/16 19:26	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:26	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:26	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:26	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/14/16 19:26	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/14/16 19:26	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/14/16 19:26	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/14/16 19:26	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 19:26	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 19:26	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/14/16 19:26	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/14/16 19:26	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/14/16 19:26	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/14/16 19:26	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/14/16 19:26	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 19:26	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 19:26	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/14/16 19:26	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/14/16 19:26	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/14/16 19:26	87-68-3	L3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/14/16 19:26	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/14/16 19:26	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/14/16 19:26	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/14/16 19:26	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/14/16 19:26	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW19:G120716		Lab ID: 10372881012		Collected: 12/07/16 15:19		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 19:26	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 19:26	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 19:26	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 19:26	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 19:26	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/14/16 19:26	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 19:26	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 19:26	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:26	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 19:26	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 19:26	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 19:26	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 19:26	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 19:26	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 19:26	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 19:26	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 19:26	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 19:26	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 19:26	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 19:26	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 19:26	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 19:26	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%.	75-125	1		12/14/16 19:26	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		12/14/16 19:26	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		12/14/16 19:26	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC
Pace Project No.: 10372881

Sample: EB1:W120816		Lab ID: 10372881013	Collected: 12/08/16 14:30	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		12/15/16 06:28	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		12/15/16 06:28	107-05-1	
Benzene	ND	ug/L	0.50	1		12/15/16 06:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		12/15/16 06:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 06:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 06:28	75-27-4	
Bromoform	ND	ug/L	4.0	1		12/15/16 06:28	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1		12/15/16 06:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 06:28	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:28	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 06:28	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 06:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/15/16 06:28	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/15/16 06:28	67-66-3	
Chloromethane	ND	ug/L	4.0	1		12/15/16 06:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 06:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 06:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 06:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 06:28	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 06:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/15/16 06:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 06:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 06:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 06:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:28	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 06:28	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 06:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 06:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 06:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:28	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 06:28	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 06:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 06:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 06:28	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 06:28	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 06:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 06:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 06:28	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: EB1:W120816		Lab ID: 10372881013		Collected: 12/08/16 14:30		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 06:28	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 06:28	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 06:28	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 06:28	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 06:28	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/15/16 06:28	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 06:28	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 06:28	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:28	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:28	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 06:28	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 06:28	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 06:28	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 06:28	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 06:28	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 06:28	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 06:28	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 06:28	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 06:28	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 06:28	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 06:28	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 06:28	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	117	%.	75-125	1		12/15/16 06:28	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		12/15/16 06:28	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		12/15/16 06:28	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW12:G120816		Lab ID: 10372881014		Collected: 12/08/16 10:41		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/15/16 06:50	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/15/16 06:50	107-05-1		
Benzene	ND	ug/L	0.50	1		12/15/16 06:50	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/15/16 06:50	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 06:50	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 06:50	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/15/16 06:50	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/15/16 06:50	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 06:50	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:50	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:50	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 06:50	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 06:50	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 06:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/15/16 06:50	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/15/16 06:50	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/15/16 06:50	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 06:50	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 06:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 06:50	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 06:50	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 06:50	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/15/16 06:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 06:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 06:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 06:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 06:50	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 06:50	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 06:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 06:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 06:50	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:50	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 06:50	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 06:50	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 06:50	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 06:50	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 06:50	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 06:50	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 06:50	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 06:50	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 06:50	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW12:G120816		Lab ID: 10372881014		Collected: 12/08/16 10:41		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 06:50	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 06:50	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 06:50	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 06:50	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 06:50	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/15/16 06:50	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 06:50	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 06:50	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:50	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 06:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 06:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 06:50	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 06:50	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 06:50	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 06:50	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 06:50	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 06:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 06:50	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 06:50	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 06:50	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 06:50	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 06:50	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%.	75-125	1		12/15/16 06:50	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		12/15/16 06:50	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		12/15/16 06:50	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW101:G120716		Lab ID: 10372881015		Collected: 12/07/16 12:50		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	40.0	2		12/19/16 16:27	67-64-1		
Allyl chloride	ND	ug/L	8.0	2		12/19/16 16:27	107-05-1		
Benzene	ND	ug/L	1.0	2		12/19/16 16:27	71-43-2		
Bromobenzene	ND	ug/L	1.0	2		12/19/16 16:27	108-86-1		
Bromochloromethane	ND	ug/L	2.0	2		12/19/16 16:27	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	2		12/19/16 16:27	75-27-4		
Bromoform	ND	ug/L	8.0	2		12/19/16 16:27	75-25-2		
Bromomethane	ND	ug/L	8.0	2		12/19/16 16:27	74-83-9		
2-Butanone (MEK)	ND	ug/L	10.0	2		12/19/16 16:27	78-93-3		
n-Butylbenzene	ND	ug/L	1.0	2		12/19/16 16:27	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	2		12/19/16 16:27	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	2		12/19/16 16:27	98-06-6		
Carbon tetrachloride	ND	ug/L	2.0	2		12/19/16 16:27	56-23-5		
Chlorobenzene	ND	ug/L	1.0	2		12/19/16 16:27	108-90-7		
Chloroethane	ND	ug/L	2.0	2		12/19/16 16:27	75-00-3		
Chloroform	ND	ug/L	2.0	2		12/19/16 16:27	67-66-3		
Chloromethane	ND	ug/L	8.0	2		12/19/16 16:27	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	2		12/19/16 16:27	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	2		12/19/16 16:27	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	8.0	2		12/19/16 16:27	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	2		12/19/16 16:27	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	2		12/19/16 16:27	106-93-4		
Dibromomethane	ND	ug/L	2.0	2		12/19/16 16:27	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	2		12/19/16 16:27	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	2		12/19/16 16:27	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	2		12/19/16 16:27	106-46-7		
Dichlorodifluoromethane	ND	ug/L	2.0	2		12/19/16 16:27	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	2		12/19/16 16:27	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	2		12/19/16 16:27	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	2		12/19/16 16:27	75-35-4		
cis-1,2-Dichloroethene	88.0	ug/L	1.0	2		12/19/16 16:27	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	2		12/19/16 16:27	156-60-5		
Dichlorofluoromethane	ND	ug/L	2.0	2		12/19/16 16:27	75-43-4		
1,2-Dichloropropane	ND	ug/L	8.0	2		12/19/16 16:27	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	2		12/19/16 16:27	142-28-9		
2,2-Dichloropropane	ND	ug/L	2.0	2		12/19/16 16:27	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	2		12/19/16 16:27	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	2		12/19/16 16:27	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	2		12/19/16 16:27	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	8.0	2		12/19/16 16:27	60-29-7		
Ethylbenzene	ND	ug/L	1.0	2		12/19/16 16:27	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	8.0	2		12/19/16 16:27	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	2		12/19/16 16:27	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	2		12/19/16 16:27	99-87-6		
Methylene Chloride	ND	ug/L	8.0	2		12/19/16 16:27	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	2		12/19/16 16:27	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	2		12/19/16 16:27	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW101:G120716	Lab ID: 10372881015	Collected: 12/07/16 12:50	Received: 12/10/16 08:55	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	8.0	2		12/19/16 16:27	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	2		12/19/16 16:27	103-65-1	
Styrene	ND	ug/L	1.0	2		12/19/16 16:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	2		12/19/16 16:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	2		12/19/16 16:27	79-34-5	
Tetrachloroethene	234	ug/L	1.0	2		12/19/16 16:27	127-18-4	
Tetrahydrofuran	ND	ug/L	20.0	2		12/19/16 16:27	109-99-9	
Toluene	ND	ug/L	1.0	2		12/19/16 16:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	2		12/19/16 16:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	2		12/19/16 16:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	2		12/19/16 16:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	2		12/19/16 16:27	79-00-5	
Trichloroethene	11.1	ug/L	0.80	2		12/19/16 16:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	2		12/19/16 16:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	8.0	2		12/19/16 16:27	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	2.0	2		12/19/16 16:27	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	2		12/19/16 16:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	2		12/19/16 16:27	108-67-8	
Vinyl chloride	ND	ug/L	0.40	2		12/19/16 16:27	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2		12/19/16 16:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	2		12/19/16 16:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	2		12/19/16 16:27	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	105	%.	75-125	2		12/19/16 16:27	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	2		12/19/16 16:27	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	2		12/19/16 16:27	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW1D:G120816		Lab ID: 10372881016		Collected: 12/08/16 15:30		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/15/16 07:12	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/15/16 07:12	107-05-1		
Benzene	ND	ug/L	0.50	1		12/15/16 07:12	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/15/16 07:12	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 07:12	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 07:12	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/15/16 07:12	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/15/16 07:12	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 07:12	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 07:12	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 07:12	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 07:12	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 07:12	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 07:12	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/15/16 07:12	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/15/16 07:12	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/15/16 07:12	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 07:12	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 07:12	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 07:12	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 07:12	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 07:12	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/15/16 07:12	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:12	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:12	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:12	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 07:12	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 07:12	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 07:12	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 07:12	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 07:12	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 07:12	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 07:12	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 07:12	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 07:12	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 07:12	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 07:12	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 07:12	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 07:12	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 07:12	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 07:12	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 07:12	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 07:12	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 07:12	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 07:12	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 07:12	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 07:12	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW1D:G120816		Lab ID: 10372881016		Collected: 12/08/16 15:30		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 07:12	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 07:12	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 07:12	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 07:12	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 07:12	79-34-5		
Tetrachloroethene	3.9	ug/L	0.50	1		12/15/16 07:12	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 07:12	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 07:12	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:12	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:12	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 07:12	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 07:12	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 07:12	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 07:12	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 07:12	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 07:12	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 07:12	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 07:12	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 07:12	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 07:12	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 07:12	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 07:12	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	118	%.	75-125	1		12/15/16 07:12	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		12/15/16 07:12	2037-26-5		
4-Bromofluorobenzene (S)	104	%.	75-125	1		12/15/16 07:12	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW9:G120616		Lab ID: 10372881017		Collected: 12/06/16 15:52		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/14/16 06:21	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/14/16 06:21	107-05-1		
Benzene	ND	ug/L	0.50	1		12/14/16 06:21	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/14/16 06:21	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/14/16 06:21	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/14/16 06:21	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/14/16 06:21	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/14/16 06:21	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/14/16 06:21	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/14/16 06:21	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/14/16 06:21	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/14/16 06:21	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/14/16 06:21	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/14/16 06:21	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/14/16 06:21	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/14/16 06:21	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/14/16 06:21	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 06:21	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 06:21	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/14/16 06:21	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/14/16 06:21	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/14/16 06:21	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/14/16 06:21	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:21	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:21	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:21	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/14/16 06:21	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/14/16 06:21	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/14/16 06:21	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/14/16 06:21	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 06:21	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 06:21	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/14/16 06:21	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/14/16 06:21	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/14/16 06:21	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/14/16 06:21	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/14/16 06:21	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 06:21	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 06:21	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/14/16 06:21	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/14/16 06:21	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/14/16 06:21	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/14/16 06:21	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/14/16 06:21	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/14/16 06:21	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/14/16 06:21	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/14/16 06:21	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW9:G120616		Lab ID: 10372881017		Collected: 12/06/16 15:52		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 06:21	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 06:21	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 06:21	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 06:21	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 06:21	79-34-5		
Tetrachloroethene	6.1	ug/L	0.50	1		12/14/16 06:21	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 06:21	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 06:21	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:21	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:21	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 06:21	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 06:21	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 06:21	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 06:21	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 06:21	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 06:21	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 06:21	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 06:21	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 06:21	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 06:21	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 06:21	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 06:21	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	115	%.	75-125	1		12/14/16 06:21	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		12/14/16 06:21	2037-26-5		
4-Bromofluorobenzene (S)	105	%.	75-125	1		12/14/16 06:21	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: EB2:W120816		Lab ID: 10372881018		Collected: 12/08/16 14:35		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/15/16 07:34	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/15/16 07:34	107-05-1		
Benzene	ND	ug/L	0.50	1		12/15/16 07:34	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/15/16 07:34	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 07:34	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 07:34	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/15/16 07:34	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/15/16 07:34	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 07:34	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 07:34	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 07:34	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 07:34	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 07:34	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 07:34	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/15/16 07:34	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/15/16 07:34	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/15/16 07:34	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 07:34	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 07:34	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 07:34	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 07:34	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 07:34	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/15/16 07:34	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:34	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:34	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:34	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 07:34	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 07:34	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 07:34	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 07:34	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 07:34	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 07:34	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 07:34	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 07:34	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 07:34	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 07:34	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 07:34	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 07:34	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 07:34	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 07:34	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 07:34	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 07:34	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 07:34	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 07:34	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 07:34	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 07:34	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 07:34	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: EB2:W120816		Lab ID: 10372881018		Collected: 12/08/16 14:35		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 07:34	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 07:34	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 07:34	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 07:34	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 07:34	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/15/16 07:34	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 07:34	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 07:34	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:34	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:34	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 07:34	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 07:34	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 07:34	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 07:34	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 07:34	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 07:34	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 07:34	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 07:34	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 07:34	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 07:34	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 07:34	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 07:34	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%.	75-125	1		12/15/16 07:34	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		12/15/16 07:34	2037-26-5		
4-Bromofluorobenzene (S)	97	%.	75-125	1		12/15/16 07:34	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW22D:G120716		Lab ID: 10372881019	Collected: 12/07/16 13:17	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		12/15/16 18:44	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		12/15/16 18:44	107-05-1	
Benzene	ND	ug/L	0.50	1		12/15/16 18:44	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		12/15/16 18:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 18:44	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 18:44	75-27-4	
Bromoform	ND	ug/L	4.0	1		12/15/16 18:44	75-25-2	
Bromomethane	ND	ug/L	4.0	1		12/15/16 18:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 18:44	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 18:44	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 18:44	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 18:44	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 18:44	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 18:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/15/16 18:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/15/16 18:44	67-66-3	
Chloromethane	ND	ug/L	4.0	1		12/15/16 18:44	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 18:44	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 18:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 18:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 18:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/15/16 18:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 18:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 18:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 18:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 18:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 18:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 18:44	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 18:44	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 18:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 18:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 18:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 18:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 18:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 18:44	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 18:44	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 18:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 18:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 18:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 18:44	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 18:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 18:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 18:44	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW22D:G120716		Lab ID: 10372881019		Collected: 12/07/16 13:17		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		12/15/16 18:44	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 18:44	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 18:44	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 18:44	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 18:44	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/15/16 18:44	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 18:44	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 18:44	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:44	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:44	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 18:44	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 18:44	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 18:44	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 18:44	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 18:44	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 18:44	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 18:44	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 18:44	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 18:44	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 18:44	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 18:44	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 18:44	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%.	75-125	1		12/15/16 18:44	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		12/15/16 18:44	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		12/15/16 18:44	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC
Pace Project No.: 10372881

Sample: MW20D:G120716		Lab ID: 10372881020		Collected: 12/07/16 11:14		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/14/16 20:32	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/14/16 20:32	107-05-1		
Benzene	ND	ug/L	0.50	1		12/14/16 20:32	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/14/16 20:32	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/14/16 20:32	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/14/16 20:32	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/14/16 20:32	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/14/16 20:32	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/14/16 20:32	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/14/16 20:32	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/14/16 20:32	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/14/16 20:32	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/14/16 20:32	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/14/16 20:32	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/14/16 20:32	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/14/16 20:32	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/14/16 20:32	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 20:32	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 20:32	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/14/16 20:32	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/14/16 20:32	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/14/16 20:32	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/14/16 20:32	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 20:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 20:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 20:32	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/14/16 20:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/14/16 20:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/14/16 20:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/14/16 20:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 20:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 20:32	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/14/16 20:32	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/14/16 20:32	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/14/16 20:32	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/14/16 20:32	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/14/16 20:32	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 20:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 20:32	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/14/16 20:32	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/14/16 20:32	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/14/16 20:32	87-68-3	L3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/14/16 20:32	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/14/16 20:32	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/14/16 20:32	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/14/16 20:32	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/14/16 20:32	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW20D:G120716		Lab ID: 10372881020		Collected: 12/07/16 11:14		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 20:32	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 20:32	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 20:32	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 20:32	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 20:32	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/14/16 20:32	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 20:32	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 20:32	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 20:32	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 20:32	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 20:32	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 20:32	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 20:32	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 20:32	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 20:32	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 20:32	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 20:32	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 20:32	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 20:32	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 20:32	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 20:32	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 20:32	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	116	%.	75-125	1		12/14/16 20:32	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		12/14/16 20:32	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		12/14/16 20:32	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW10:G120616		Lab ID: 10372881021	Collected: 12/06/16 19:10	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		12/14/16 06:43	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		12/14/16 06:43	107-05-1	
Benzene	ND	ug/L	0.50	1		12/14/16 06:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		12/14/16 06:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/14/16 06:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		12/14/16 06:43	75-27-4	
Bromoform	ND	ug/L	4.0	1		12/14/16 06:43	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1		12/14/16 06:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/14/16 06:43	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		12/14/16 06:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		12/14/16 06:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		12/14/16 06:43	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/14/16 06:43	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1		12/14/16 06:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/14/16 06:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/14/16 06:43	67-66-3	
Chloromethane	ND	ug/L	4.0	1		12/14/16 06:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 06:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 06:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/14/16 06:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/14/16 06:43	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/14/16 06:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/14/16 06:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/14/16 06:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		12/14/16 06:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		12/14/16 06:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		12/14/16 06:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 06:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 06:43	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		12/14/16 06:43	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		12/14/16 06:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		12/14/16 06:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/14/16 06:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		12/14/16 06:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 06:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 06:43	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/14/16 06:43	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		12/14/16 06:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/14/16 06:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/14/16 06:43	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		12/14/16 06:43	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		12/14/16 06:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/14/16 06:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/14/16 06:43	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW10:G120616		Lab ID: 10372881021		Collected: 12/06/16 19:10		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 06:43	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 06:43	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 06:43	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 06:43	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 06:43	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/14/16 06:43	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 06:43	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 06:43	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:43	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 06:43	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 06:43	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 06:43	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 06:43	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 06:43	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 06:43	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 06:43	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 06:43	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 06:43	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 06:43	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 06:43	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 06:43	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 06:43	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	118	%.	75-125	1		12/14/16 06:43	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		12/14/16 06:43	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		12/14/16 06:43	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC
Pace Project No.: 10372881

Sample: MW16:G120616		Lab ID: 10372881022	Collected: 12/06/16 18:22	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		12/14/16 07:06	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		12/14/16 07:06	107-05-1	
Benzene	ND	ug/L	0.50	1		12/14/16 07:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		12/14/16 07:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/14/16 07:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		12/14/16 07:06	75-27-4	
Bromoform	ND	ug/L	4.0	1		12/14/16 07:06	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1		12/14/16 07:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/14/16 07:06	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		12/14/16 07:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		12/14/16 07:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		12/14/16 07:06	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/14/16 07:06	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1		12/14/16 07:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/14/16 07:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/14/16 07:06	67-66-3	
Chloromethane	ND	ug/L	4.0	1		12/14/16 07:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 07:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 07:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/14/16 07:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/14/16 07:06	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/14/16 07:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/14/16 07:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/14/16 07:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		12/14/16 07:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		12/14/16 07:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		12/14/16 07:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 07:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 07:06	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		12/14/16 07:06	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		12/14/16 07:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		12/14/16 07:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/14/16 07:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		12/14/16 07:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 07:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 07:06	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/14/16 07:06	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		12/14/16 07:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/14/16 07:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/14/16 07:06	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		12/14/16 07:06	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		12/14/16 07:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/14/16 07:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/14/16 07:06	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW16:G120616		Lab ID: 10372881022		Collected: 12/06/16 18:22		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 07:06	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 07:06	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 07:06	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 07:06	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 07:06	79-34-5		
Tetrachloroethene	2.5	ug/L	0.50	1		12/14/16 07:06	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 07:06	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 07:06	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:06	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:06	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 07:06	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 07:06	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 07:06	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 07:06	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 07:06	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 07:06	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 07:06	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 07:06	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 07:06	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 07:06	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 07:06	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 07:06	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	117	%.	75-125	1		12/14/16 07:06	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		12/14/16 07:06	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		12/14/16 07:06	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC
Pace Project No.: 10372881

Sample: MW18:G120616		Lab ID: 10372881023		Collected: 12/06/16 13:55		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		12/14/16 07:28	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/14/16 07:28	107-05-1		
Benzene	ND	ug/L	0.50	1		12/14/16 07:28	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/14/16 07:28	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/14/16 07:28	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/14/16 07:28	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/14/16 07:28	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/14/16 07:28	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/14/16 07:28	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/14/16 07:28	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/14/16 07:28	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/14/16 07:28	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/14/16 07:28	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/14/16 07:28	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/14/16 07:28	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/14/16 07:28	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/14/16 07:28	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 07:28	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/14/16 07:28	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/14/16 07:28	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/14/16 07:28	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/14/16 07:28	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/14/16 07:28	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:28	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:28	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:28	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/14/16 07:28	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/14/16 07:28	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/14/16 07:28	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/14/16 07:28	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 07:28	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/14/16 07:28	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/14/16 07:28	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/14/16 07:28	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/14/16 07:28	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/14/16 07:28	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/14/16 07:28	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 07:28	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/14/16 07:28	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/14/16 07:28	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/14/16 07:28	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/14/16 07:28	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/14/16 07:28	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/14/16 07:28	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/14/16 07:28	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/14/16 07:28	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/14/16 07:28	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW18:G120616		Lab ID: 10372881023		Collected: 12/06/16 13:55		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 07:28	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 07:28	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 07:28	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 07:28	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 07:28	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/14/16 07:28	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 07:28	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 07:28	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:28	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:28	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 07:28	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 07:28	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 07:28	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 07:28	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 07:28	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 07:28	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 07:28	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 07:28	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 07:28	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 07:28	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 07:28	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 07:28	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	116	%.	75-125	1		12/14/16 07:28	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		12/14/16 07:28	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		12/14/16 07:28	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC
Pace Project No.: 10372881

Sample: MW11:G120616		Lab ID: 10372881024		Collected: 12/06/16 11:47		Received: 12/10/16 08:55		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			12/14/16 07:50	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			12/14/16 07:50	107-05-1	
Benzene	ND	ug/L	0.50	1			12/14/16 07:50	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			12/14/16 07:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			12/14/16 07:50	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			12/14/16 07:50	75-27-4	
Bromoform	ND	ug/L	4.0	1			12/14/16 07:50	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1			12/14/16 07:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			12/14/16 07:50	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			12/14/16 07:50	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			12/14/16 07:50	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			12/14/16 07:50	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1			12/14/16 07:50	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1			12/14/16 07:50	108-90-7	
Chloroethane	ND	ug/L	1.0	1			12/14/16 07:50	75-00-3	
Chloroform	ND	ug/L	1.0	1			12/14/16 07:50	67-66-3	
Chloromethane	ND	ug/L	4.0	1			12/14/16 07:50	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 07:50	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 07:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			12/14/16 07:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1			12/14/16 07:50	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			12/14/16 07:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			12/14/16 07:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 07:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 07:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 07:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			12/14/16 07:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			12/14/16 07:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			12/14/16 07:50	107-06-2	
1,1-Dichloroethene	0.70	ug/L	0.50	1			12/14/16 07:50	75-35-4	
cis-1,2-Dichloroethene	86.1	ug/L	0.50	1			12/14/16 07:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			12/14/16 07:50	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			12/14/16 07:50	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			12/14/16 07:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			12/14/16 07:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			12/14/16 07:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			12/14/16 07:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 07:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 07:50	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			12/14/16 07:50	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			12/14/16 07:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1			12/14/16 07:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			12/14/16 07:50	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			12/14/16 07:50	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			12/14/16 07:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			12/14/16 07:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			12/14/16 07:50	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW11:G120616		Lab ID: 10372881024		Collected: 12/06/16 11:47		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 07:50	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 07:50	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 07:50	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 07:50	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 07:50	79-34-5		
Tetrachloroethene	575	ug/L	2.5	5		12/14/16 13:21	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 07:50	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 07:50	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:50	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 07:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 07:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 07:50	79-00-5		
Trichloroethene	46.5	ug/L	0.40	1		12/14/16 07:50	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 07:50	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 07:50	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 07:50	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 07:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 07:50	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 07:50	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 07:50	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 07:50	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 07:50	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	116	%.	75-125	1		12/14/16 07:50	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		12/14/16 07:50	2037-26-5		
4-Bromofluorobenzene (S)	105	%.	75-125	1		12/14/16 07:50	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW21D:G120716		Lab ID: 10372881025		Collected: 12/07/16 10:00		Received: 12/10/16 08:55		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			12/14/16 20:54	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			12/14/16 20:54	107-05-1	
Benzene	ND	ug/L	0.50	1			12/14/16 20:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			12/14/16 20:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			12/14/16 20:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			12/14/16 20:54	75-27-4	
Bromoform	ND	ug/L	4.0	1			12/14/16 20:54	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1			12/14/16 20:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			12/14/16 20:54	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			12/14/16 20:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			12/14/16 20:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			12/14/16 20:54	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1			12/14/16 20:54	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1			12/14/16 20:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1			12/14/16 20:54	75-00-3	
Chloroform	ND	ug/L	1.0	1			12/14/16 20:54	67-66-3	
Chloromethane	ND	ug/L	4.0	1			12/14/16 20:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 20:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 20:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			12/14/16 20:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1			12/14/16 20:54	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			12/14/16 20:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			12/14/16 20:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 20:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 20:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 20:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			12/14/16 20:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			12/14/16 20:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			12/14/16 20:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			12/14/16 20:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			12/14/16 20:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			12/14/16 20:54	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			12/14/16 20:54	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			12/14/16 20:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			12/14/16 20:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			12/14/16 20:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			12/14/16 20:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 20:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 20:54	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			12/14/16 20:54	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			12/14/16 20:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1			12/14/16 20:54	87-68-3	L3
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			12/14/16 20:54	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			12/14/16 20:54	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			12/14/16 20:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			12/14/16 20:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			12/14/16 20:54	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW21D:G120716		Lab ID: 10372881025		Collected: 12/07/16 10:00		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 20:54	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 20:54	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 20:54	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 20:54	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 20:54	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/14/16 20:54	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 20:54	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 20:54	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 20:54	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 20:54	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 20:54	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 20:54	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/14/16 20:54	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 20:54	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 20:54	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 20:54	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 20:54	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 20:54	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 20:54	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 20:54	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 20:54	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 20:54	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	116	%.	75-125	1		12/14/16 20:54	17060-07-0		
Toluene-d8 (S)	103	%.	75-125	1		12/14/16 20:54	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		12/14/16 20:54	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: FD:G120616		Lab ID: 10372881026		Collected: 12/06/16 00:00		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	100	5		12/14/16 12:59	67-64-1		
Allyl chloride	ND	ug/L	20.0	5		12/14/16 12:59	107-05-1		
Benzene	ND	ug/L	2.5	5		12/14/16 12:59	71-43-2		
Bromobenzene	ND	ug/L	2.5	5		12/14/16 12:59	108-86-1		
Bromochloromethane	ND	ug/L	5.0	5		12/14/16 12:59	74-97-5		
Bromodichloromethane	ND	ug/L	2.5	5		12/14/16 12:59	75-27-4		
Bromoform	ND	ug/L	20.0	5		12/14/16 12:59	75-25-2	L3	
Bromomethane	ND	ug/L	20.0	5		12/14/16 12:59	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	5		12/14/16 12:59	78-93-3		
n-Butylbenzene	ND	ug/L	2.5	5		12/14/16 12:59	104-51-8		
sec-Butylbenzene	ND	ug/L	2.5	5		12/14/16 12:59	135-98-8		
tert-Butylbenzene	ND	ug/L	2.5	5		12/14/16 12:59	98-06-6		
Carbon tetrachloride	ND	ug/L	5.0	5		12/14/16 12:59	56-23-5	L3	
Chlorobenzene	ND	ug/L	2.5	5		12/14/16 12:59	108-90-7		
Chloroethane	ND	ug/L	5.0	5		12/14/16 12:59	75-00-3		
Chloroform	ND	ug/L	5.0	5		12/14/16 12:59	67-66-3		
Chloromethane	ND	ug/L	20.0	5		12/14/16 12:59	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	5		12/14/16 12:59	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	5		12/14/16 12:59	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		12/14/16 12:59	96-12-8		
Dibromochloromethane	ND	ug/L	5.0	5		12/14/16 12:59	124-48-1	L3,M0	
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		12/14/16 12:59	106-93-4		
Dibromomethane	ND	ug/L	5.0	5		12/14/16 12:59	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	5		12/14/16 12:59	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	5		12/14/16 12:59	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	5		12/14/16 12:59	106-46-7		
Dichlorodifluoromethane	ND	ug/L	5.0	5		12/14/16 12:59	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	5		12/14/16 12:59	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	5		12/14/16 12:59	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	5		12/14/16 12:59	75-35-4		
cis-1,2-Dichloroethene	76.3	ug/L	2.5	5		12/14/16 12:59	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		12/14/16 12:59	156-60-5		
Dichlorofluoromethane	ND	ug/L	5.0	5		12/14/16 12:59	75-43-4		
1,2-Dichloropropane	ND	ug/L	20.0	5		12/14/16 12:59	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	5		12/14/16 12:59	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	5		12/14/16 12:59	594-20-7		
1,1-Dichloropropene	ND	ug/L	2.5	5		12/14/16 12:59	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		12/14/16 12:59	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		12/14/16 12:59	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		12/14/16 12:59	60-29-7		
Ethylbenzene	ND	ug/L	2.5	5		12/14/16 12:59	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	20.0	5		12/14/16 12:59	87-68-3	L3,M1	
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		12/14/16 12:59	98-82-8		
p-Isopropyltoluene	ND	ug/L	2.5	5		12/14/16 12:59	99-87-6		
Methylene Chloride	ND	ug/L	20.0	5		12/14/16 12:59	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		12/14/16 12:59	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	2.5	5		12/14/16 12:59	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: FD:G120616		Lab ID: 10372881026		Collected: 12/06/16 00:00		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	5.0	5		12/14/16 12:59	91-20-3		
n-Propylbenzene	ND	ug/L	2.5	5		12/14/16 12:59	103-65-1		
Styrene	ND	ug/L	2.5	5		12/14/16 12:59	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		12/14/16 12:59	630-20-6	L3,M1	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		12/14/16 12:59	79-34-5		
Tetrachloroethene	542	ug/L	2.5	5		12/14/16 12:59	127-18-4	M1	
Tetrahydrofuran	ND	ug/L	50.0	5		12/14/16 12:59	109-99-9		
Toluene	ND	ug/L	2.5	5		12/14/16 12:59	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.5	5		12/14/16 12:59	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.5	5		12/14/16 12:59	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	5		12/14/16 12:59	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	5		12/14/16 12:59	79-00-5		
Trichloroethene	41.1	ug/L	2.0	5		12/14/16 12:59	79-01-6		
Trichlorofluoromethane	ND	ug/L	2.5	5		12/14/16 12:59	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	20.0	5		12/14/16 12:59	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	5		12/14/16 12:59	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	2.5	5		12/14/16 12:59	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		12/14/16 12:59	108-67-8		
Vinyl chloride	ND	ug/L	1.0	5		12/14/16 12:59	75-01-4		
Xylene (Total)	ND	ug/L	7.5	5		12/14/16 12:59	1330-20-7		
m&p-Xylene	ND	ug/L	5.0	5		12/14/16 12:59	179601-23-1		
o-Xylene	ND	ug/L	2.5	5		12/14/16 12:59	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	115	%.	75-125	5		12/14/16 12:59	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	5		12/14/16 12:59	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	5		12/14/16 12:59	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW23:G120617		Lab ID: 10372881027		Collected: 12/06/16 17:04		Received: 12/10/16 08:55		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			12/14/16 16:52	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			12/14/16 16:52	107-05-1	
Benzene	ND	ug/L	0.50	1			12/14/16 16:52	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			12/14/16 16:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			12/14/16 16:52	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			12/14/16 16:52	75-27-4	
Bromoform	ND	ug/L	4.0	1			12/14/16 16:52	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1			12/14/16 16:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			12/14/16 16:52	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			12/14/16 16:52	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			12/14/16 16:52	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			12/14/16 16:52	98-06-6	
Carbon tetrachloride	4.1	ug/L	1.0	1			12/14/16 16:52	56-23-5	L1,P2
Chlorobenzene	ND	ug/L	0.50	1			12/14/16 16:52	108-90-7	
Chloroethane	ND	ug/L	1.0	1			12/14/16 16:52	75-00-3	
Chloroform	2.4	ug/L	1.0	1			12/14/16 16:52	67-66-3	
Chloromethane	ND	ug/L	4.0	1			12/14/16 16:52	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 16:52	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			12/14/16 16:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			12/14/16 16:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1			12/14/16 16:52	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			12/14/16 16:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			12/14/16 16:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 16:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 16:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			12/14/16 16:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			12/14/16 16:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			12/14/16 16:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			12/14/16 16:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			12/14/16 16:52	75-35-4	
cis-1,2-Dichloroethene	5.7	ug/L	0.50	1			12/14/16 16:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			12/14/16 16:52	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			12/14/16 16:52	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			12/14/16 16:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			12/14/16 16:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			12/14/16 16:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			12/14/16 16:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 16:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			12/14/16 16:52	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			12/14/16 16:52	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			12/14/16 16:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1			12/14/16 16:52	87-68-3	L3
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			12/14/16 16:52	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			12/14/16 16:52	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			12/14/16 16:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			12/14/16 16:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			12/14/16 16:52	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW23:G120617		Lab ID: 10372881027		Collected: 12/06/16 17:04		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/14/16 16:52	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/14/16 16:52	103-65-1		
Styrene	ND	ug/L	0.50	1		12/14/16 16:52	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 16:52	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/14/16 16:52	79-34-5		
Tetrachloroethene	562	ug/L	2.5	5		12/15/16 21:38	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/14/16 16:52	109-99-9		
Toluene	ND	ug/L	0.50	1		12/14/16 16:52	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 16:52	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/14/16 16:52	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/14/16 16:52	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/14/16 16:52	79-00-5		
Trichloroethene	21.6	ug/L	0.40	1		12/14/16 16:52	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/14/16 16:52	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/14/16 16:52	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/14/16 16:52	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 16:52	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/14/16 16:52	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/14/16 16:52	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/14/16 16:52	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/14/16 16:52	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/14/16 16:52	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	118	%.	75-125	1		12/14/16 16:52	17060-07-0		
Toluene-d8 (S)	96	%.	75-125	1		12/14/16 16:52	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		12/14/16 16:52	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW18D:G120616		Lab ID: 10372881028		Collected: 12/06/16 14:58		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		12/15/16 18:28	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/15/16 18:28	107-05-1		
Benzene	ND	ug/L	0.50	1		12/15/16 18:28	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/15/16 18:28	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 18:28	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 18:28	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/15/16 18:28	75-25-2		
Bromomethane	ND	ug/L	4.0	1		12/15/16 18:28	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 18:28	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 18:28	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 18:28	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 18:28	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 18:28	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 18:28	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/15/16 18:28	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/15/16 18:28	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/15/16 18:28	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 18:28	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 18:28	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 18:28	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 18:28	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 18:28	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/15/16 18:28	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:28	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:28	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:28	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 18:28	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 18:28	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 18:28	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 18:28	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 18:28	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 18:28	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 18:28	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 18:28	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 18:28	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 18:28	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 18:28	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 18:28	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 18:28	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 18:28	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 18:28	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 18:28	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 18:28	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 18:28	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 18:28	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 18:28	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 18:28	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW18D:G120616		Lab ID: 10372881028		Collected: 12/06/16 14:58		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		12/15/16 18:28	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 18:28	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 18:28	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 18:28	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 18:28	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		12/15/16 18:28	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 18:28	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 18:28	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:28	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 18:28	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 18:28	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 18:28	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		12/15/16 18:28	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 18:28	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 18:28	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 18:28	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 18:28	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 18:28	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 18:28	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 18:28	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 18:28	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 18:28	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%.	75-125	1		12/15/16 18:28	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		12/15/16 18:28	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		12/15/16 18:28	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW15D:G120916		Lab ID: 10372881029		Collected: 12/09/16 12:37		Received: 12/10/16 08:55		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			12/15/16 07:56	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			12/15/16 07:56	107-05-1	
Benzene	ND	ug/L	0.50	1			12/15/16 07:56	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			12/15/16 07:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			12/15/16 07:56	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			12/15/16 07:56	75-27-4	
Bromoform	ND	ug/L	4.0	1			12/15/16 07:56	75-25-2	L3
Bromomethane	ND	ug/L	4.0	1			12/15/16 07:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			12/15/16 07:56	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			12/15/16 07:56	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			12/15/16 07:56	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			12/15/16 07:56	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1			12/15/16 07:56	56-23-5	L3
Chlorobenzene	ND	ug/L	0.50	1			12/15/16 07:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1			12/15/16 07:56	75-00-3	
Chloroform	ND	ug/L	1.0	1			12/15/16 07:56	67-66-3	
Chloromethane	ND	ug/L	4.0	1			12/15/16 07:56	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			12/15/16 07:56	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			12/15/16 07:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			12/15/16 07:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1			12/15/16 07:56	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			12/15/16 07:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			12/15/16 07:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			12/15/16 07:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			12/15/16 07:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			12/15/16 07:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			12/15/16 07:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			12/15/16 07:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			12/15/16 07:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			12/15/16 07:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			12/15/16 07:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			12/15/16 07:56	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			12/15/16 07:56	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			12/15/16 07:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			12/15/16 07:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			12/15/16 07:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			12/15/16 07:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			12/15/16 07:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			12/15/16 07:56	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			12/15/16 07:56	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			12/15/16 07:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1			12/15/16 07:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			12/15/16 07:56	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			12/15/16 07:56	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			12/15/16 07:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			12/15/16 07:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			12/15/16 07:56	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW15D:G120916		Lab ID: 10372881029		Collected: 12/09/16 12:37		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 07:56	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 07:56	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 07:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 07:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 07:56	79-34-5		
Tetrachloroethene	18.2	ug/L	0.50	1		12/15/16 07:56	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 07:56	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 07:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 07:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 07:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 07:56	79-00-5		
Trichloroethene	3.1	ug/L	0.40	1		12/15/16 07:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 07:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 07:56	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 07:56	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 07:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 07:56	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 07:56	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 07:56	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 07:56	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 07:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	118	%.	75-125	1		12/15/16 07:56	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		12/15/16 07:56	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		12/15/16 07:56	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: MW15:G120916		Lab ID: 10372881030		Collected: 12/09/16 13:14		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		12/15/16 08:18	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/15/16 08:18	107-05-1		
Benzene	ND	ug/L	0.50	1		12/15/16 08:18	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/15/16 08:18	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 08:18	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 08:18	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/15/16 08:18	75-25-2	L3	
Bromomethane	ND	ug/L	4.0	1		12/15/16 08:18	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 08:18	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 08:18	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 08:18	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 08:18	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 08:18	56-23-5	L3	
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 08:18	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/15/16 08:18	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/15/16 08:18	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/15/16 08:18	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 08:18	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 08:18	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 08:18	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 08:18	124-48-1	L3	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 08:18	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/15/16 08:18	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 08:18	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 08:18	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 08:18	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 08:18	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 08:18	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 08:18	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 08:18	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 08:18	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 08:18	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 08:18	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 08:18	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 08:18	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 08:18	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 08:18	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 08:18	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 08:18	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 08:18	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 08:18	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 08:18	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 08:18	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 08:18	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 08:18	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 08:18	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 08:18	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C

Pace Project No.: 10372881

Sample: MW15:G120916		Lab ID: 10372881030		Collected: 12/09/16 13:14		Received: 12/10/16 08:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		12/15/16 08:18	91-20-3	L3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 08:18	103-65-1		
Styrene	ND	ug/L	0.50	1		12/15/16 08:18	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 08:18	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 08:18	79-34-5		
Tetrachloroethene	434	ug/L	2.5	5		12/15/16 21:54	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 08:18	109-99-9		
Toluene	ND	ug/L	0.50	1		12/15/16 08:18	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 08:18	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 08:18	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 08:18	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 08:18	79-00-5		
Trichloroethene	12.1	ug/L	0.40	1		12/15/16 08:18	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 08:18	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 08:18	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 08:18	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 08:18	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 08:18	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 08:18	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 08:18	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 08:18	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		12/15/16 08:18	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	116	%.	75-125	1		12/15/16 08:18	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		12/15/16 08:18	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		12/15/16 08:18	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS25LOC

Pace Project No.: 10372881

Sample: Trip Blank		Lab ID: 10372881031		Collected: 12/09/16 00:00		Received: 12/10/16 08:55		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		12/15/16 15:18	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		12/15/16 15:18	107-05-1		
Benzene	ND	ug/L	0.50	1		12/15/16 15:18	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		12/15/16 15:18	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/15/16 15:18	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		12/15/16 15:18	75-27-4		
Bromoform	ND	ug/L	4.0	1		12/15/16 15:18	75-25-2		
Bromomethane	ND	ug/L	4.0	1		12/15/16 15:18	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		12/15/16 15:18	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		12/15/16 15:18	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		12/15/16 15:18	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		12/15/16 15:18	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	1		12/15/16 15:18	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		12/15/16 15:18	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/15/16 15:18	75-00-3		
Chloroform	ND	ug/L	1.0	1		12/15/16 15:18	67-66-3		
Chloromethane	ND	ug/L	4.0	1		12/15/16 15:18	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 15:18	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		12/15/16 15:18	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		12/15/16 15:18	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/15/16 15:18	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		12/15/16 15:18	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/15/16 15:18	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 15:18	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 15:18	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		12/15/16 15:18	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/15/16 15:18	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		12/15/16 15:18	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		12/15/16 15:18	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		12/15/16 15:18	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 15:18	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		12/15/16 15:18	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		12/15/16 15:18	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		12/15/16 15:18	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		12/15/16 15:18	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/15/16 15:18	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		12/15/16 15:18	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 15:18	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		12/15/16 15:18	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		12/15/16 15:18	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		12/15/16 15:18	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		12/15/16 15:18	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		12/15/16 15:18	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		12/15/16 15:18	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		12/15/16 15:18	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/15/16 15:18	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/15/16 15:18	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS25L0C
Pace Project No.: 10372881

Sample: Trip Blank		Lab ID: 10372881031	Collected: 12/09/16 00:00	Received: 12/10/16 08:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Naphthalene	ND	ug/L	4.0	1		12/15/16 15:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		12/15/16 15:18	103-65-1	
Styrene	ND	ug/L	0.50	1		12/15/16 15:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 15:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		12/15/16 15:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		12/15/16 15:18	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		12/15/16 15:18	109-99-9	
Toluene	ND	ug/L	0.50	1		12/15/16 15:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 15:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		12/15/16 15:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		12/15/16 15:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		12/15/16 15:18	79-00-5	
Trichloroethene	ND	ug/L	0.40	1		12/15/16 15:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	0.50	1		12/15/16 15:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1		12/15/16 15:18	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		12/15/16 15:18	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 15:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		12/15/16 15:18	108-67-8	
Vinyl chloride	ND	ug/L	0.20	1		12/15/16 15:18	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		12/15/16 15:18	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	1		12/15/16 15:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		12/15/16 15:18	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%.	75-125	1		12/15/16 15:18	17060-07-0	HS
Toluene-d8 (S)	100	%.	75-125	1		12/15/16 15:18	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125	1		12/15/16 15:18	460-00-4	

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

QC Batch:	451486	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10372881017, 10372881021, 10372881022, 10372881023, 10372881024		

METHOD BLANK:	2472066	Matrix:	Water
Associated Lab Samples:	10372881017, 10372881021, 10372881022, 10372881023, 10372881024		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	12/14/16 00:06	
1,1,1-Trichloroethane	ug/L	ND	0.50	12/14/16 00:06	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	12/14/16 00:06	
1,1,2-Trichloroethane	ug/L	ND	0.50	12/14/16 00:06	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	12/14/16 00:06	
1,1-Dichloroethane	ug/L	ND	0.50	12/14/16 00:06	
1,1-Dichloroethene	ug/L	ND	0.50	12/14/16 00:06	
1,1-Dichloropropene	ug/L	ND	0.50	12/14/16 00:06	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	12/14/16 00:06	
1,2,3-Trichloropropane	ug/L	ND	4.0	12/14/16 00:06	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	12/14/16 00:06	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	12/14/16 00:06	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	12/14/16 00:06	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	12/14/16 00:06	
1,2-Dichlorobenzene	ug/L	ND	0.50	12/14/16 00:06	
1,2-Dichloroethane	ug/L	ND	0.50	12/14/16 00:06	
1,2-Dichloropropane	ug/L	ND	4.0	12/14/16 00:06	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	12/14/16 00:06	
1,3-Dichlorobenzene	ug/L	ND	0.50	12/14/16 00:06	
1,3-Dichloropropane	ug/L	ND	0.50	12/14/16 00:06	
1,4-Dichlorobenzene	ug/L	ND	0.50	12/14/16 00:06	
2,2-Dichloropropane	ug/L	ND	1.0	12/14/16 00:06	
2-Butanone (MEK)	ug/L	ND	5.0	12/14/16 00:06	
2-Chlorotoluene	ug/L	ND	0.50	12/14/16 00:06	
4-Chlorotoluene	ug/L	ND	0.50	12/14/16 00:06	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/14/16 00:06	
Acetone	ug/L	ND	20.0	12/14/16 00:06	
Allyl chloride	ug/L	ND	4.0	12/14/16 00:06	
Benzene	ug/L	ND	0.50	12/14/16 00:06	
Bromobenzene	ug/L	ND	0.50	12/14/16 00:06	
Bromochloromethane	ug/L	ND	1.0	12/14/16 00:06	
Bromodichloromethane	ug/L	ND	0.50	12/14/16 00:06	
Bromoform	ug/L	ND	4.0	12/14/16 00:06	
Bromomethane	ug/L	ND	4.0	12/14/16 00:06	
Carbon tetrachloride	ug/L	ND	1.0	12/14/16 00:06	
Chlorobenzene	ug/L	ND	0.50	12/14/16 00:06	
Chloroethane	ug/L	ND	1.0	12/14/16 00:06	
Chloroform	ug/L	ND	1.0	12/14/16 00:06	
Chloromethane	ug/L	ND	4.0	12/14/16 00:06	
cis-1,2-Dichloroethene	ug/L	ND	0.50	12/14/16 00:06	
cis-1,3-Dichloropropene	ug/L	ND	0.50	12/14/16 00:06	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25L0C
Pace Project No.: 10372881

METHOD BLANK: 2472066

Matrix: Water

Associated Lab Samples: 10372881017, 10372881021, 10372881022, 10372881023, 10372881024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	12/14/16 00:06	
Dibromomethane	ug/L	ND	1.0	12/14/16 00:06	
Dichlorodifluoromethane	ug/L	ND	1.0	12/14/16 00:06	
Dichlorofluoromethane	ug/L	ND	1.0	12/14/16 00:06	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	12/14/16 00:06	
Ethylbenzene	ug/L	ND	0.50	12/14/16 00:06	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	12/14/16 00:06	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	12/14/16 00:06	
m&p-Xylene	ug/L	ND	1.0	12/14/16 00:06	
Methyl-tert-butyl ether	ug/L	ND	0.50	12/14/16 00:06	
Methylene Chloride	ug/L	ND	4.0	12/14/16 00:06	
n-Butylbenzene	ug/L	ND	0.50	12/14/16 00:06	
n-Propylbenzene	ug/L	ND	0.50	12/14/16 00:06	
Naphthalene	ug/L	ND	1.0	12/14/16 00:06	
o-Xylene	ug/L	ND	0.50	12/14/16 00:06	
p-Isopropyltoluene	ug/L	ND	0.50	12/14/16 00:06	
sec-Butylbenzene	ug/L	ND	0.50	12/14/16 00:06	
Styrene	ug/L	ND	0.50	12/14/16 00:06	
tert-Butylbenzene	ug/L	ND	0.50	12/14/16 00:06	
Tetrachloroethene	ug/L	ND	0.50	12/14/16 00:06	
Tetrahydrofuran	ug/L	ND	10.0	12/14/16 00:06	
Toluene	ug/L	ND	0.50	12/14/16 00:06	
trans-1,2-Dichloroethene	ug/L	ND	0.50	12/14/16 00:06	
trans-1,3-Dichloropropene	ug/L	ND	0.50	12/14/16 00:06	
Trichloroethene	ug/L	ND	0.40	12/14/16 00:06	
Trichlorofluoromethane	ug/L	ND	0.50	12/14/16 00:06	
Vinyl chloride	ug/L	ND	0.20	12/14/16 00:06	
Xylene (Total)	ug/L	ND	1.5	12/14/16 00:06	
1,2-Dichloroethane-d4 (S)	%	116	75-125	12/14/16 00:06	
4-Bromofluorobenzene (S)	%	101	75-125	12/14/16 00:06	
Toluene-d8 (S)	%	100	75-125	12/14/16 00:06	

LABORATORY CONTROL SAMPLE & LCSD: 2472067

2472068

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	26.1	26.6	130	133	75-125	2	30	L0
1,1,1-Trichloroethane	ug/L	20	23.3	23.3	116	116	74-125	0	30	
1,1,2,2-Tetrachloroethane	ug/L	20	24.4	23.8	122	119	67-131	2	30	
1,1,2-Trichloroethane	ug/L	20	22.9	23.6	115	118	75-125	3	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	22.8	23.3	114	117	75-125	2	30	
1,1-Dichloroethane	ug/L	20	21.0	21.5	105	107	74-125	2	30	
1,1-Dichloroethene	ug/L	20	21.3	22.1	107	110	74-125	4	30	
1,1-Dichloropropene	ug/L	20	20.8	20.6	104	103	74-125	1	30	
1,2,3-Trichlorobenzene	ug/L	20	21.5	21.6	107	108	63-131	1	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD: 2472067			2472068							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	20	22.8	22.1	114	110	73-125	3	30	
1,2,4-Trichlorobenzene	ug/L	20	20.7	20.2	103	101	66-126	2	30	
1,2,4-Trimethylbenzene	ug/L	20	22.2	21.9	111	110	74-129	1	30	
1,2-Dibromo-3-chloropropane	ug/L	50	62.3	61.4	125	123	54-129	1	30	
1,2-Dibromoethane (EDB)	ug/L	20	23.5	23.1	117	116	75-125	2	30	
1,2-Dichlorobenzene	ug/L	20	21.1	20.9	105	104	75-125	1	30	
1,2-Dichloroethane	ug/L	20	22.5	22.0	112	110	75-125	2	30	
1,2-Dichloropropane	ug/L	20	20.9	20.5	104	102	75-125	2	30	
1,3,5-Trimethylbenzene	ug/L	20	22.4	22.0	112	110	73-127	2	30	
1,3-Dichlorobenzene	ug/L	20	21.7	21.8	109	109	75-125	0	30	
1,3-Dichloropropane	ug/L	20	20.9	21.4	105	107	69-125	2	30	
1,4-Dichlorobenzene	ug/L	20	20.9	20.7	104	103	75-125	1	30	
2,2-Dichloropropane	ug/L	20	21.5	22.1	107	110	69-125	3	30	
2-Butanone (MEK)	ug/L	100	98.4	94.8	98	95	48-145	4	30	
2-Chlorotoluene	ug/L	20	21.6	22.7	108	114	74-125	5	30	
4-Chlorotoluene	ug/L	20	22.6	22.3	113	111	73-125	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	104	105	104	53-138	1	30	
Acetone	ug/L	100	91.0	90.1	91	90	70-142	1	30	
Allyl chloride	ug/L	20	19.6	20.0	98	100	61-127	2	30	
Benzene	ug/L	20	19.6	19.5	98	98	65-125	0	30	
Bromobenzene	ug/L	20	22.3	21.6	112	108	75-125	3	30	
Bromochloromethane	ug/L	20	24.5	22.7	122	113	75-125	8	30	
Bromodichloromethane	ug/L	20	24.7	24.3	123	122	73-125	1	30	
Bromoform	ug/L	20	26.4	25.5	132	128	69-125	3	30	L0
Bromomethane	ug/L	20	21.0	22.7	105	113	40-136	8	30	
Carbon tetrachloride	ug/L	20	27.2	27.3	136	137	70-125	1	30	L0
Chlorobenzene	ug/L	20	21.7	21.9	108	110	75-125	1	30	
Chloroethane	ug/L	20	21.6	23.0	108	115	67-141	6	30	
Chloroform	ug/L	20	21.6	21.3	108	106	75-125	1	30	
Chloromethane	ug/L	20	18.6	19.0	93	95	50-150	2	30	
cis-1,2-Dichloroethene	ug/L	20	21.0	21.0	105	105	75-125	0	30	
cis-1,3-Dichloropropene	ug/L	20	21.3	21.6	106	108	75-125	2	30	
Dibromochloromethane	ug/L	20	26.6	26.8	133	134	75-125	1	30	L0
Dibromomethane	ug/L	20	22.3	22.0	111	110	75-129	1	30	
Dichlorodifluoromethane	ug/L	20	21.2	22.0	106	110	59-135	4	30	
Dichlorofluoromethane	ug/L	20	22.5	22.8	113	114	74-130	1	30	
Diethyl ether (Ethyl ether)	ug/L	20	21.5	20.9	108	105	66-132	3	30	
Ethylbenzene	ug/L	20	21.9	22.0	109	110	75-125	0	30	
Hexachloro-1,3-butadiene	ug/L	20	24.0	24.0	120	120	72-126	0	30	
Isopropylbenzene (Cumene)	ug/L	20	21.9	22.3	109	112	71-136	2	30	
m&p-Xylene	ug/L	40	43.6	44.0	109	110	75-125	1	30	
Methyl-tert-butyl ether	ug/L	20	20.9	21.0	104	105	73-127	1	30	
Methylene Chloride	ug/L	20	21.5	21.6	108	108	68-128	1	30	
n-Butylbenzene	ug/L	20	21.2	21.2	106	106	70-126	0	30	
n-Propylbenzene	ug/L	20	21.6	21.2	108	106	67-131	2	30	
Naphthalene	ug/L	20	20.4	20.4	102	102	52-134	0	30	
o-Xylene	ug/L	20	21.4	21.3	107	107	75-125	1	30	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD:		2472067	2472068							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	20	21.8	21.7	109	108	74-125	1	30	
sec-Butylbenzene	ug/L	20	21.6	21.3	108	106	69-134	1	30	
Styrene	ug/L	20	22.3	22.2	111	111	75-125	0	30	
tert-Butylbenzene	ug/L	20	21.6	21.5	108	108	71-128	1	30	
Tetrachloroethene	ug/L	20	21.7	21.9	108	110	74-125	1	30	
Tetrahydrofuran	ug/L	200	180	175	90	88	64-142	3	30	
Toluene	ug/L	20	19.9	20.2	100	101	75-125	1	30	
trans-1,2-Dichloroethene	ug/L	20	20.9	21.4	105	107	73-125	2	30	
trans-1,3-Dichloropropene	ug/L	20	23.9	24.0	119	120	75-125	0	30	
Trichloroethene	ug/L	20	21.1	21.3	106	107	75-125	1	30	
Trichlorofluoromethane	ug/L	20	24.3	24.5	122	123	75-126	1	30	
Vinyl chloride	ug/L	20	20.3	21.2	102	106	72-125	4	30	
Xylene (Total)	ug/L	60	65.0	65.3	108	109	75-125	0	30	
1,2-Dichloroethane-d4 (S)	%				106	105	75-125			
4-Bromofluorobenzene (S)	%				99	98	75-125			
Toluene-d8 (S)	%				103	102	75-125			

MATRIX SPIKE SAMPLE:		2472069	1280270001	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Parameter	Units	Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	20	23.7	119	75-127		
1,1,1-Trichloroethane	ug/L	ND	20	20.8	104	66-142		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.4	102	70-131		
1,1,2-Trichloroethane	ug/L	ND	20	20.8	104	75-128		
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	22.8	114	54-150		
1,1-Dichloroethane	ug/L	ND	20	19.1	96	58-147		
1,1-Dichloroethene	ug/L	ND	20	20.4	102	49-150		
1,1-Dichloropropene	ug/L	ND	20	18.6	93	58-147		
1,2,3-Trichlorobenzene	ug/L	ND	20	18.6	93	57-139		
1,2,3-Trichloropropane	ug/L	ND	20	19.6	98	71-127		
1,2,4-Trichlorobenzene	ug/L	ND	20	18.4	92	55-136		
1,2,4-Trimethylbenzene	ug/L	ND	20	18.5	92	67-138		
1,2-Dibromo-3-chloropropane	ug/L	ND	50	52.5	105	63-136		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20.2	101	74-125		
1,2-Dichlorobenzene	ug/L	ND	20	18.0	90	75-125		
1,2-Dichloroethane	ug/L	ND	20	19.3	97	63-133		
1,2-Dichloropropane	ug/L	ND	20	18.6	93	63-138		
1,3,5-Trimethylbenzene	ug/L	ND	20	18.9	95	69-136		
1,3-Dichlorobenzene	ug/L	ND	20	19.0	95	75-125		
1,3-Dichloropropane	ug/L	ND	20	18.5	93	65-135		
1,4-Dichlorobenzene	ug/L	ND	20	17.8	89	70-126		
2,2-Dichloropropane	ug/L	ND	20	19.4	97	39-148		
2-Butanone (MEK)	ug/L	ND	100	82.3	82	50-144		
2-Chlorotoluene	ug/L	ND	20	18.3	91	71-135		
4-Chlorotoluene	ug/L	ND	20	18.7	93	71-131		

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QUALITY CONTROL DATA

Project: WAKS25L0C
Pace Project No.: 10372881

MATRIX SPIKE SAMPLE:		2472069					
Parameter	Units	1280270001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	91.8	92	60-147	
Acetone	ug/L	ND	100	81.8	82	59-150	
Allyl chloride	ug/L	ND	20	18.0	90	38-149	
Benzene	ug/L	ND	20	17.1	86	61-138	
Bromobenzene	ug/L	ND	20	18.4	92	74-130	
Bromochloromethane	ug/L	ND	20	20.5	102	65-137	
Bromodichloromethane	ug/L	ND	20	21.3	107	66-136	
Bromoform	ug/L	ND	20	22.9	115	71-125	
Bromomethane	ug/L	ND	20	21.7	109	30-150	
Carbon tetrachloride	ug/L	ND	20	25.0	125	68-140	
Chlorobenzene	ug/L	ND	20	19.1	96	75-132	
Chloroethane	ug/L	ND	20	22.2	111	55-150	
Chloroform	ug/L	ND	20	18.9	95	64-139	
Chloromethane	ug/L	ND	20	19.9	99	73-150	
cis-1,2-Dichloroethene	ug/L	ND	20	18.0	90	62-138	
cis-1,3-Dichloropropene	ug/L	ND	20	18.1	90	70-125	
Dibromochloromethane	ug/L	ND	20	23.2	116	74-125	
Dibromomethane	ug/L	ND	20	19.7	99	66-138	
Dichlorodifluoromethane	ug/L	ND	20	24.5	122	53-150	
Dichlorofluoromethane	ug/L	ND	20	22.8	114	58-150	
Diethyl ether (Ethyl ether)	ug/L	ND	20	17.9	90	47-145	
Ethylbenzene	ug/L	ND	20	19.3	96	66-141	
Hexachloro-1,3-butadiene	ug/L	ND	20	23.4	117	63-139	
Isopropylbenzene (Cumene)	ug/L	ND	20	19.5	97	65-146	
m&p-Xylene	ug/L	ND	40	38.6	97	72-142	
Methyl-tert-butyl ether	ug/L	ND	20	18.5	93	63-134	
Methylene Chloride	ug/L	ND	20	18.9	94	49-143	
n-Butylbenzene	ug/L	ND	20	18.5	92	67-134	
n-Propylbenzene	ug/L	ND	20	18.3	92	62-142	
Naphthalene	ug/L	ND	20	17.6	88	41-150	
o-Xylene	ug/L	ND	20	18.9	94	66-138	
p-Isopropyltoluene	ug/L	ND	20	18.8	94	64-137	
sec-Butylbenzene	ug/L	ND	20	18.4	92	65-142	
Styrene	ug/L	ND	20	19.4	97	61-142	
tert-Butylbenzene	ug/L	ND	20	18.5	92	69-135	
Tetrachloroethene	ug/L	ND	20	19.8	99	62-142	
Tetrahydrofuran	ug/L	ND	200	148	74	55-150	
Toluene	ug/L	ND	20	17.5	88	66-132	
trans-1,2-Dichloroethene	ug/L	ND	20	19.3	96	48-150	
trans-1,3-Dichloropropene	ug/L	ND	20	20.3	102	65-130	
Trichloroethene	ug/L	ND	20	19.3	97	64-142	
Trichlorofluoromethane	ug/L	ND	20	26.3	132	63-150	
Vinyl chloride	ug/L	ND	20	21.0	105	58-150	
Xylene (Total)	ug/L	ND	60	57.5	96	70-140	
1,2-Dichloroethane-d4 (S)	%				104	75-125	
4-Bromofluorobenzene (S)	%				99	75-125	
Toluene-d8 (S)	%				100	75-125	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

SAMPLE DUPLICATE: 2472070

Parameter	Units	1280270002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

SAMPLE DUPLICATE: 2472070

Parameter	Units	1280270002 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	114	116	2		
4-Bromofluorobenzene (S)	%.	101	101	0		
Toluene-d8 (S)	%.	101	102	1		

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

QC Batch:	451675	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10372881006, 10372881008, 10372881009, 10372881010, 10372881012, 10372881020, 10372881025, 10372881026, 10372881027		

METHOD BLANK:	2473229	Matrix:	Water
Associated Lab Samples:	10372881006, 10372881008, 10372881009, 10372881010, 10372881012, 10372881020, 10372881025, 10372881026, 10372881027		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	12/14/16 12:15	
1,1,1-Trichloroethane	ug/L	ND	0.50	12/14/16 12:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	12/14/16 12:15	
1,1,2-Trichloroethane	ug/L	ND	0.50	12/14/16 12:15	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	12/14/16 12:15	
1,1-Dichloroethane	ug/L	ND	0.50	12/14/16 12:15	
1,1-Dichloroethene	ug/L	ND	0.50	12/14/16 12:15	
1,1-Dichloropropene	ug/L	ND	0.50	12/14/16 12:15	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	12/14/16 12:15	
1,2,3-Trichloropropane	ug/L	ND	4.0	12/14/16 12:15	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	12/14/16 12:15	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	12/14/16 12:15	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	12/14/16 12:15	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	12/14/16 12:15	
1,2-Dichlorobenzene	ug/L	ND	0.50	12/14/16 12:15	
1,2-Dichloroethane	ug/L	ND	0.50	12/14/16 12:15	
1,2-Dichloropropane	ug/L	ND	4.0	12/14/16 12:15	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	12/14/16 12:15	
1,3-Dichlorobenzene	ug/L	ND	0.50	12/14/16 12:15	
1,3-Dichloropropane	ug/L	ND	0.50	12/14/16 12:15	
1,4-Dichlorobenzene	ug/L	ND	0.50	12/14/16 12:15	
2,2-Dichloropropane	ug/L	ND	1.0	12/14/16 12:15	
2-Butanone (MEK)	ug/L	ND	5.0	12/14/16 12:15	
2-Chlorotoluene	ug/L	ND	0.50	12/14/16 12:15	
4-Chlorotoluene	ug/L	ND	0.50	12/14/16 12:15	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/14/16 12:15	
Acetone	ug/L	ND	20.0	12/14/16 12:15	
Allyl chloride	ug/L	ND	4.0	12/14/16 12:15	
Benzene	ug/L	ND	0.50	12/14/16 12:15	
Bromobenzene	ug/L	ND	0.50	12/14/16 12:15	
Bromochloromethane	ug/L	ND	1.0	12/14/16 12:15	
Bromodichloromethane	ug/L	ND	0.50	12/14/16 12:15	
Bromoform	ug/L	ND	4.0	12/14/16 12:15	
Bromomethane	ug/L	ND	4.0	12/14/16 12:15	
Carbon tetrachloride	ug/L	ND	1.0	12/14/16 12:15	
Chlorobenzene	ug/L	ND	0.50	12/14/16 12:15	
Chloroethane	ug/L	ND	1.0	12/14/16 12:15	
Chloroform	ug/L	ND	1.0	12/14/16 12:15	
Chloromethane	ug/L	ND	4.0	12/14/16 12:15	
cis-1,2-Dichloroethene	ug/L	ND	0.50	12/14/16 12:15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25L0C
Pace Project No.: 10372881

METHOD BLANK: 2473229

Matrix: Water

Associated Lab Samples: 10372881006, 10372881008, 10372881009, 10372881010, 10372881012, 10372881020, 10372881025, 10372881026, 10372881027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	12/14/16 12:15	
Dibromochloromethane	ug/L	ND	1.0	12/14/16 12:15	
Dibromomethane	ug/L	ND	1.0	12/14/16 12:15	
Dichlorodifluoromethane	ug/L	ND	1.0	12/14/16 12:15	
Dichlorofluoromethane	ug/L	ND	1.0	12/14/16 12:15	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	12/14/16 12:15	
Ethylbenzene	ug/L	ND	0.50	12/14/16 12:15	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	12/14/16 12:15	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	12/14/16 12:15	
m&p-Xylene	ug/L	ND	1.0	12/14/16 12:15	
Methyl-tert-butyl ether	ug/L	ND	0.50	12/14/16 12:15	
Methylene Chloride	ug/L	ND	4.0	12/14/16 12:15	
n-Butylbenzene	ug/L	ND	0.50	12/14/16 12:15	
n-Propylbenzene	ug/L	ND	0.50	12/14/16 12:15	
Naphthalene	ug/L	ND	1.0	12/14/16 12:15	
o-Xylene	ug/L	ND	0.50	12/14/16 12:15	
p-Isopropyltoluene	ug/L	ND	0.50	12/14/16 12:15	
sec-Butylbenzene	ug/L	ND	0.50	12/14/16 12:15	
Styrene	ug/L	ND	0.50	12/14/16 12:15	
tert-Butylbenzene	ug/L	ND	0.50	12/14/16 12:15	
Tetrachloroethene	ug/L	ND	0.50	12/14/16 12:15	
Tetrahydrofuran	ug/L	ND	10.0	12/14/16 12:15	
Toluene	ug/L	ND	0.50	12/14/16 12:15	
trans-1,2-Dichloroethene	ug/L	ND	0.50	12/14/16 12:15	
trans-1,3-Dichloropropene	ug/L	ND	0.50	12/14/16 12:15	
Trichloroethene	ug/L	ND	0.40	12/14/16 12:15	
Trichlorofluoromethane	ug/L	ND	0.50	12/14/16 12:15	
Vinyl chloride	ug/L	ND	0.20	12/14/16 12:15	
Xylene (Total)	ug/L	ND	1.5	12/14/16 12:15	
1,2-Dichloroethane-d4 (S)	%	116	75-125	12/14/16 12:15	
4-Bromofluorobenzene (S)	%	98	75-125	12/14/16 12:15	
Toluene-d8 (S)	%	101	75-125	12/14/16 12:15	

LABORATORY CONTROL SAMPLE & LCSD: 2473230

2473231

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	24.9	26.4	124	132	75-125	6	30	L0
1,1,1-Trichloroethane	ug/L	20	22.2	23.7	111	118	74-125	6	30	
1,1,2,2-Tetrachloroethane	ug/L	20	22.8	23.5	114	117	67-131	3	30	
1,1,2-Trichloroethane	ug/L	20	22.2	23.2	111	116	75-125	4	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	21.3	23.1	107	116	75-125	8	30	
1,1-Dichloroethane	ug/L	20	20.3	21.2	102	106	74-125	4	30	
1,1-Dichloroethene	ug/L	20	20.2	21.9	101	110	74-125	8	30	

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD: 2473230			2473231							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	20	19.2	20.6	96	103	74-125	7	30	
1,2,3-Trichlorobenzene	ug/L	20	21.1	22.7	105	114	63-131	8	30	
1,2,3-Trichloropropane	ug/L	20	21.3	22.8	106	114	73-125	7	30	
1,2,4-Trichlorobenzene	ug/L	20	20.3	22.5	101	113	66-126	10	30	
1,2,4-Trimethylbenzene	ug/L	20	20.9	21.8	104	109	74-129	4	30	
1,2-Dibromo-3-chloropropane	ug/L	50	59.4	59.1	119	118	54-129	1	30	
1,2-Dibromoethane (EDB)	ug/L	20	22.6	22.5	113	113	75-125	0	30	
1,2-Dichlorobenzene	ug/L	20	20.1	21.8	100	109	75-125	8	30	
1,2-Dichloroethane	ug/L	20	21.4	22.1	107	110	75-125	3	30	
1,2-Dichloropropane	ug/L	20	19.6	20.6	98	103	75-125	5	30	
1,3,5-Trimethylbenzene	ug/L	20	20.9	22.6	105	113	73-127	8	30	
1,3-Dichlorobenzene	ug/L	20	20.7	22.5	103	112	75-125	8	30	
1,3-Dichloropropane	ug/L	20	20.3	21.5	102	108	69-125	6	30	
1,4-Dichlorobenzene	ug/L	20	20.1	21.4	100	107	75-125	6	30	
2,2-Dichloropropane	ug/L	20	22.7	24.3	113	122	69-125	7	30	
2-Butanone (MEK)	ug/L	100	96.0	91.9	96	92	48-145	4	30	
2-Chlorotoluene	ug/L	20	19.1	21.3	96	107	74-125	11	30	
4-Chlorotoluene	ug/L	20	20.8	22.2	104	111	73-125	7	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	96.3	103	96	53-138	7	30	
Acetone	ug/L	100	77.6	92.0	78	92	70-142	17	30	
Allyl chloride	ug/L	20	18.6	20.0	93	100	61-127	7	30	
Benzene	ug/L	20	18.5	19.5	92	97	65-125	5	30	
Bromobenzene	ug/L	20	21.0	21.9	105	109	75-125	4	30	
Bromochloromethane	ug/L	20	22.6	22.6	113	113	75-125	0	30	
Bromodichloromethane	ug/L	20	23.1	25.0	116	125	73-125	8	30	
Bromoform	ug/L	20	24.8	25.2	124	126	69-125	2	30	L0
Bromomethane	ug/L	20	17.9	23.3	90	116	40-136	26	30	
Carbon tetrachloride	ug/L	20	25.7	27.2	128	136	70-125	6	30	L0
Chlorobenzene	ug/L	20	20.4	21.2	102	106	75-125	4	30	
Chloroethane	ug/L	20	20.2	22.0	101	110	67-141	8	30	
Chloroform	ug/L	20	20.4	21.9	102	109	75-125	7	30	
Chloromethane	ug/L	20	16.3	17.4	82	87	50-150	6	30	
cis-1,2-Dichloroethene	ug/L	20	19.8	21.2	99	106	75-125	7	30	
cis-1,3-Dichloropropene	ug/L	20	20.9	21.9	104	109	75-125	5	30	
Dibromochloromethane	ug/L	20	25.3	26.3	127	132	75-125	4	30	L0
Dibromomethane	ug/L	20	22.0	22.1	110	110	75-129	0	30	
Dichlorodifluoromethane	ug/L	20	20.1	21.3	100	106	59-135	6	30	
Dichlorofluoromethane	ug/L	20	20.8	22.4	104	112	74-130	8	30	
Diethyl ether (Ethyl ether)	ug/L	20	19.9	21.1	100	106	66-132	6	30	
Ethylbenzene	ug/L	20	20.8	21.6	104	108	75-125	4	30	
Hexachloro-1,3-butadiene	ug/L	20	24.9	28.2	125	141	72-126	13	30	L0
Isopropylbenzene (Cumene)	ug/L	20	20.9	21.5	104	107	71-136	3	30	
m&p-Xylene	ug/L	40	41.7	43.3	104	108	75-125	4	30	
Methyl-tert-butyl ether	ug/L	20	19.9	21.1	100	106	73-127	6	30	
Methylene Chloride	ug/L	20	20.9	22.3	104	111	68-128	6	30	
n-Butylbenzene	ug/L	20	21.2	22.5	106	112	70-126	6	30	
n-Propylbenzene	ug/L	20	20.2	21.7	101	109	67-131	7	30	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD: 2473230			2473231							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	20	19.6	20.1	98	101	52-134	3	30	
o-Xylene	ug/L	20	20.4	20.9	102	105	75-125	3	30	
p-Isopropyltoluene	ug/L	20	21.2	22.5	106	112	74-125	6	30	
sec-Butylbenzene	ug/L	20	20.5	21.9	103	109	69-134	6	30	
Styrene	ug/L	20	20.7	21.8	103	109	75-125	6	30	
tert-Butylbenzene	ug/L	20	20.2	21.9	101	109	71-128	8	30	
Tetrachloroethene	ug/L	20	21.0	21.7	105	109	74-125	4	30	
Tetrahydrofuran	ug/L	200	154	171	77	86	64-142	11	30	
Toluene	ug/L	20	19.2	19.9	96	100	75-125	3	30	
trans-1,2-Dichloroethene	ug/L	20	20.5	21.5	102	107	73-125	5	30	
trans-1,3-Dichloropropene	ug/L	20	22.5	24.0	112	120	75-125	6	30	
Trichloroethene	ug/L	20	20.4	21.3	102	107	75-125	4	30	
Trichlorofluoromethane	ug/L	20	23.3	24.6	116	123	75-126	6	30	
Vinyl chloride	ug/L	20	18.4	20.0	92	100	72-125	8	30	
Xylene (Total)	ug/L	60	62.1	64.2	103	107	75-125	3	30	
1,2-Dichloroethane-d4 (S)	%				105	105	75-125			
4-Bromofluorobenzene (S)	%				97	101	75-125			
Toluene-d8 (S)	%				102	102	75-125			

MATRIX SPIKE SAMPLE: 2473232		10372881026		Spike Conc.		MS Result		MS % Rec		% Rec Limits		Qualifiers
Parameter	Units	Result										
1,1,1,2-Tetrachloroethane	ug/L	ND	20		25.5	128		75-127	M1			
1,1,1-Trichloroethane	ug/L	ND	20		23.2	116		66-142				
1,1,2,2-Tetrachloroethane	ug/L	ND	20		22.8	114		70-131				
1,1,2-Trichloroethane	ug/L	ND	20		21.7	108		75-128				
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20		26.1	131		54-150				
1,1-Dichloroethane	ug/L	ND	20		20.4	102		58-147				
1,1-Dichloroethene	ug/L	ND	20		23.0	115		49-150				
1,1-Dichloropropene	ug/L	ND	20		20.2	101		58-147				
1,2,3-Trichlorobenzene	ug/L	ND	20		21.5	107		57-139				
1,2,3-Trichloropropane	ug/L	ND	20		20.7	104		71-127				
1,2,4-Trichlorobenzene	ug/L	ND	20		21.2	106		55-136				
1,2,4-Trimethylbenzene	ug/L	ND	20		21.0	105		67-138				
1,2-Dibromo-3-chloropropane	ug/L	ND	50		59.9	120		63-136				
1,2-Dibromoethane (EDB)	ug/L	ND	20		21.9	109		74-125				
1,2-Dichlorobenzene	ug/L	ND	20		20.0	100		75-125				
1,2-Dichloroethane	ug/L	ND	20		20.8	104		63-133				
1,2-Dichloropropane	ug/L	ND	20		19.2	96		63-138				
1,3,5-Trimethylbenzene	ug/L	ND	20		21.8	109		69-136				
1,3-Dichlorobenzene	ug/L	ND	20		21.1	105		75-125				
1,3-Dichloropropane	ug/L	ND	20		20.2	101		65-135				
1,4-Dichlorobenzene	ug/L	ND	20		20.2	101		70-126				
2,2-Dichloropropane	ug/L	ND	20		23.5	118		39-148				
2-Butanone (MEK)	ug/L	ND	100		88.0	88		50-144				

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QUALITY CONTROL DATA

Project: WAKS25L0C
Pace Project No.: 10372881

MATRIX SPIKE SAMPLE:		2473232	10372881026	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
2-Chlorotoluene	ug/L	ND	20	19.8	99	71-135		
4-Chlorotoluene	ug/L	ND	20	21.5	108	71-131		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	99.9	100	60-147		
Acetone	ug/L	ND	100	81.0	81	59-150		
Allyl chloride	ug/L	ND	20	19.4	97	38-149		
Benzene	ug/L	ND	20	18.7	94	61-138		
Bromobenzene	ug/L	ND	20	20.7	104	74-130		
Bromochloromethane	ug/L	ND	20	21.7	108	65-137		
Bromodichloromethane	ug/L	ND	20	23.0	115	66-136		
Bromoform	ug/L	ND	20	24.6	123	71-125		
Bromomethane	ug/L	ND	20	21.0	105	30-150		
Carbon tetrachloride	ug/L	ND	20	27.9	139	68-140		
Chlorobenzene	ug/L	ND	20	20.4	102	75-132		
Chloroethane	ug/L	ND	20	20.1	101	55-150		
Chloroform	ug/L	ND	20	20.8	104	64-139		
Chloromethane	ug/L	ND	20	16.3	82	73-150		
cis-1,2-Dichloroethene	ug/L	76.3	20	99.7	117	62-138		
cis-1,3-Dichloropropene	ug/L	ND	20	19.5	98	70-125		
Dibromochloromethane	ug/L	ND	20	25.2	126	74-125	M0	
Dibromomethane	ug/L	ND	20	20.4	102	66-138		
Dichlorodifluoromethane	ug/L	ND	20	22.9	114	53-150		
Dichlorofluoromethane	ug/L	ND	20	20.2	101	58-150		
Diethyl ether (Ethyl ether)	ug/L	ND	20	19.8	99	47-145		
Ethylbenzene	ug/L	ND	20	20.9	105	66-141		
Hexachloro-1,3-butadiene	ug/L	ND	20	29.6	148	63-139	M1	
Isopropylbenzene (Cumene)	ug/L	ND	20	21.1	105	65-146		
m&p-Xylene	ug/L	ND	40	41.7	104	72-142		
Methyl-tert-butyl ether	ug/L	ND	20	20.2	101	63-134		
Methylene Chloride	ug/L	ND	20	20.3	91	49-143		
n-Butylbenzene	ug/L	ND	20	22.0	110	67-134		
n-Propylbenzene	ug/L	ND	20	20.9	105	62-142		
Naphthalene	ug/L	ND	20	19.7	99	41-150		
o-Xylene	ug/L	ND	20	20.2	101	66-138		
p-Isopropyltoluene	ug/L	ND	20	22.2	111	64-137		
sec-Butylbenzene	ug/L	ND	20	22.2	111	65-142		
Styrene	ug/L	ND	20	20.7	104	61-142		
tert-Butylbenzene	ug/L	ND	20	21.2	106	69-135		
Tetrachloroethene	ug/L	542	20	631	446	62-142	E,M1	
Tetrahydrofuran	ug/L	ND	200	162	81	55-150		
Toluene	ug/L	ND	20	19.1	96	66-132		
trans-1,2-Dichloroethene	ug/L	ND	20	21.3	107	48-150		
trans-1,3-Dichloropropene	ug/L	ND	20	23.0	115	65-130		
Trichloroethene	ug/L	41.1	20	66.8	129	64-142		
Trichlorofluoromethane	ug/L	ND	20	24.6	123	63-150		
Vinyl chloride	ug/L	ND	20	19.3	96	58-150		
Xylene (Total)	ug/L	ND	60	61.9	103	70-140		
1,2-Dichloroethane-d4 (S)	%				105	75-125		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25L0C
Pace Project No.: 10372881

MATRIX SPIKE SAMPLE: 2473232		10372881026	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
4-Bromofluorobenzene (S)	%.				101	75-125	
Toluene-d8 (S)	%.				99	75-125	

SAMPLE DUPLICATE: 2476595

Parameter	Units	10372881027	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	4.1	3.9	5	30	
Chlorobenzene	ug/L	ND	.22J		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	2.4	2.4	0	30	
Chloromethane	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

SAMPLE DUPLICATE: 2476595

Parameter	Units	10372881027 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/L	5.7	5.6	1	30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	562	677	19	30	E
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	.16J		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	21.6	20.7	4	30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	118	117	1		
4-Bromofluorobenzene (S)	%.	101	101	0		
Toluene-d8 (S)	%.	96	99	3		

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QUALITY CONTROL DATA

Project: WAKS25LOC
Pace Project No.: 10372881

QC Batch:	451785	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10372881001, 10372881007, 10372881011, 10372881013, 10372881014, 10372881016, 10372881018, 10372881029, 10372881030		

METHOD BLANK:	2473729	Matrix:	Water
Associated Lab Samples:	10372881001, 10372881007, 10372881011, 10372881013, 10372881014, 10372881016, 10372881018, 10372881029, 10372881030		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	12/15/16 00:35	
1,1,1-Trichloroethane	ug/L	ND	0.50	12/15/16 00:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	12/15/16 00:35	
1,1,2-Trichloroethane	ug/L	ND	0.50	12/15/16 00:35	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	12/15/16 00:35	
1,1-Dichloroethane	ug/L	ND	0.50	12/15/16 00:35	
1,1-Dichloroethene	ug/L	ND	0.50	12/15/16 00:35	
1,1-Dichloropropene	ug/L	ND	0.50	12/15/16 00:35	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	12/15/16 00:35	
1,2,3-Trichloropropane	ug/L	ND	4.0	12/15/16 00:35	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	12/15/16 00:35	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	12/15/16 00:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	12/15/16 00:35	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	12/15/16 00:35	
1,2-Dichlorobenzene	ug/L	ND	0.50	12/15/16 00:35	
1,2-Dichloroethane	ug/L	ND	0.50	12/15/16 00:35	
1,2-Dichloropropane	ug/L	ND	4.0	12/15/16 00:35	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	12/15/16 00:35	
1,3-Dichlorobenzene	ug/L	ND	0.50	12/15/16 00:35	
1,3-Dichloropropane	ug/L	ND	0.50	12/15/16 00:35	
1,4-Dichlorobenzene	ug/L	ND	0.50	12/15/16 00:35	
2,2-Dichloropropane	ug/L	ND	1.0	12/15/16 00:35	
2-Butanone (MEK)	ug/L	ND	5.0	12/15/16 00:35	
2-Chlorotoluene	ug/L	ND	0.50	12/15/16 00:35	
4-Chlorotoluene	ug/L	ND	0.50	12/15/16 00:35	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/15/16 00:35	
Acetone	ug/L	ND	20.0	12/15/16 00:35	
Allyl chloride	ug/L	ND	4.0	12/15/16 00:35	
Benzene	ug/L	ND	0.50	12/15/16 00:35	
Bromobenzene	ug/L	ND	0.50	12/15/16 00:35	
Bromochloromethane	ug/L	ND	1.0	12/15/16 00:35	
Bromodichloromethane	ug/L	ND	0.50	12/15/16 00:35	
Bromoform	ug/L	ND	4.0	12/15/16 00:35	
Bromomethane	ug/L	ND	4.0	12/15/16 00:35	
Carbon tetrachloride	ug/L	ND	1.0	12/15/16 00:35	
Chlorobenzene	ug/L	ND	0.50	12/15/16 00:35	
Chloroethane	ug/L	ND	1.0	12/15/16 00:35	
Chloroform	ug/L	ND	1.0	12/15/16 00:35	
Chloromethane	ug/L	ND	4.0	12/15/16 00:35	
cis-1,2-Dichloroethene	ug/L	ND	0.50	12/15/16 00:35	

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QUALITY CONTROL DATA

Project: WAKS25L0C
Pace Project No.: 10372881

METHOD BLANK: 2473729

Matrix: Water

Associated Lab Samples: 10372881001, 10372881007, 10372881011, 10372881013, 10372881014, 10372881016, 10372881018, 10372881029, 10372881030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	12/15/16 00:35	
Dibromochloromethane	ug/L	ND	1.0	12/15/16 00:35	
Dibromomethane	ug/L	ND	1.0	12/15/16 00:35	
Dichlorodifluoromethane	ug/L	ND	1.0	12/15/16 00:35	
Dichlorofluoromethane	ug/L	ND	1.0	12/15/16 00:35	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	12/15/16 00:35	
Ethylbenzene	ug/L	ND	0.50	12/15/16 00:35	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	12/15/16 00:35	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	12/15/16 00:35	
m&p-Xylene	ug/L	ND	1.0	12/15/16 00:35	
Methyl-tert-butyl ether	ug/L	ND	0.50	12/15/16 00:35	
Methylene Chloride	ug/L	ND	4.0	12/15/16 00:35	
n-Butylbenzene	ug/L	ND	0.50	12/15/16 00:35	
n-Propylbenzene	ug/L	ND	0.50	12/15/16 00:35	
Naphthalene	ug/L	ND	1.0	12/15/16 00:35	
o-Xylene	ug/L	ND	0.50	12/15/16 00:35	
p-Isopropyltoluene	ug/L	ND	0.50	12/15/16 00:35	
sec-Butylbenzene	ug/L	ND	0.50	12/15/16 00:35	
Styrene	ug/L	ND	0.50	12/15/16 00:35	
tert-Butylbenzene	ug/L	ND	0.50	12/15/16 00:35	
Tetrachloroethene	ug/L	ND	0.50	12/15/16 00:35	
Tetrahydrofuran	ug/L	ND	10.0	12/15/16 00:35	
Toluene	ug/L	ND	0.50	12/15/16 00:35	
trans-1,2-Dichloroethene	ug/L	ND	0.50	12/15/16 00:35	
trans-1,3-Dichloropropene	ug/L	ND	0.50	12/15/16 00:35	
Trichloroethene	ug/L	ND	0.40	12/15/16 00:35	
Trichlorofluoromethane	ug/L	ND	0.50	12/15/16 00:35	
Vinyl chloride	ug/L	ND	0.20	12/15/16 00:35	
Xylene (Total)	ug/L	ND	1.5	12/15/16 00:35	
1,2-Dichloroethane-d4 (S)	%	117	75-125	12/15/16 00:35	
4-Bromofluorobenzene (S)	%	102	75-125	12/15/16 00:35	
Toluene-d8 (S)	%	102	75-125	12/15/16 00:35	

LABORATORY CONTROL SAMPLE & LCSD: 2473730

2473731

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	25.3	25.7	126	129	75-125	2	30	L0
1,1,1-Trichloroethane	ug/L	20	23.1	23.3	115	117	74-125	1	30	
1,1,2,2-Tetrachloroethane	ug/L	20	23.3	23.8	117	119	67-131	2	30	
1,1,2-Trichloroethane	ug/L	20	22.6	22.2	113	111	75-125	2	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	22.0	22.5	110	112	75-125	2	30	
1,1-Dichloroethane	ug/L	20	21.0	21.1	105	106	74-125	1	30	
1,1-Dichloroethene	ug/L	20	20.8	21.9	104	110	74-125	5	30	

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD: 2473730

		2473731								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	20	19.9	20.0	99	100	74-125	1	30	
1,2,3-Trichlorobenzene	ug/L	20	20.6	21.7	103	109	63-131	5	30	
1,2,3-Trichloropropane	ug/L	20	22.2	21.7	111	109	73-125	2	30	
1,2,4-Trichlorobenzene	ug/L	20	19.4	20.7	97	103	66-126	6	30	
1,2,4-Trimethylbenzene	ug/L	20	20.3	21.0	102	105	74-129	3	30	
1,2-Dibromo-3-chloropropane	ug/L	50	62.1	63.0	124	126	54-129	1	30	
1,2-Dibromoethane (EDB)	ug/L	20	22.4	23.0	112	115	75-125	3	30	
1,2-Dichlorobenzene	ug/L	20	20.3	20.6	101	103	75-125	2	30	
1,2-Dichloroethane	ug/L	20	21.7	22.2	108	111	75-125	2	30	
1,2-Dichloropropane	ug/L	20	19.8	20.3	99	101	75-125	2	30	
1,3,5-Trimethylbenzene	ug/L	20	20.8	21.2	104	106	73-127	2	30	
1,3-Dichlorobenzene	ug/L	20	20.7	20.8	103	104	75-125	1	30	
1,3-Dichloropropane	ug/L	20	20.3	20.7	101	104	69-125	2	30	
1,4-Dichlorobenzene	ug/L	20	19.8	20.4	99	102	75-125	3	30	
2,2-Dichloropropane	ug/L	20	21.8	21.9	109	110	69-125	0	30	
2-Butanone (MEK)	ug/L	100	93.6	95.8	94	96	48-145	2	30	
2-Chlorotoluene	ug/L	20	18.8	21.8	94	109	74-125	15	30	
4-Chlorotoluene	ug/L	20	20.6	21.4	103	107	73-125	4	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	102	102	53-138	0	30	
Acetone	ug/L	100	83.6	95.0	84	95	70-142	13	30	
Allyl chloride	ug/L	20	18.8	19.4	94	97	61-127	3	30	
Benzene	ug/L	20	18.6	18.9	93	94	65-125	2	30	
Bromobenzene	ug/L	20	20.3	21.2	102	106	75-125	4	30	
Bromochloromethane	ug/L	20	22.9	22.7	115	114	75-125	1	30	
Bromodichloromethane	ug/L	20	24.4	24.2	122	121	73-125	1	30	
Bromoform	ug/L	20	25.1	25.8	126	129	69-125	3	30	L0
Bromomethane	ug/L	20	19.7	21.1	98	105	40-136	7	30	
Carbon tetrachloride	ug/L	20	27.2	27.4	136	137	70-125	1	30	L0
Chlorobenzene	ug/L	20	20.8	20.7	104	104	75-125	1	30	
Chloroethane	ug/L	20	21.7	21.7	109	109	67-141	0	30	
Chloroform	ug/L	20	21.2	21.5	106	107	75-125	1	30	
Chloromethane	ug/L	20	17.5	17.5	87	87	50-150	0	30	
cis-1,2-Dichloroethene	ug/L	20	20.5	20.7	102	104	75-125	1	30	
cis-1,3-Dichloropropene	ug/L	20	21.0	21.0	105	105	75-125	0	30	
Dibromochloromethane	ug/L	20	26.6	26.1	133	131	75-125	2	30	L0
Dibromomethane	ug/L	20	21.4	22.0	107	110	75-129	3	30	
Dichlorodifluoromethane	ug/L	20	20.8	21.4	104	107	59-135	3	30	
Dichlorofluoromethane	ug/L	20	21.5	22.7	107	114	74-130	6	30	
Diethyl ether (Ethyl ether)	ug/L	20	20.0	20.8	100	104	66-132	4	30	
Ethylbenzene	ug/L	20	20.7	20.8	103	104	75-125	1	30	
Hexachloro-1,3-butadiene	ug/L	20	23.0	23.9	115	120	72-126	4	30	
Isopropylbenzene (Cumene)	ug/L	20	20.7	20.9	103	104	71-136	1	30	
m&p-Xylene	ug/L	40	41.1	41.7	103	104	75-125	2	30	
Methyl-tert-butyl ether	ug/L	20	20.4	21.3	102	106	73-127	4	30	
Methylene Chloride	ug/L	20	21.0	21.6	105	108	68-128	3	30	
n-Butylbenzene	ug/L	20	19.6	20.2	98	101	70-126	3	30	
n-Propylbenzene	ug/L	20	19.5	20.1	98	100	67-131	3	30	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD: 2473730			2473731							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	20	18.9	20.3	95	102	52-134	7	30	
o-Xylene	ug/L	20	20.2	20.4	101	102	75-125	1	30	
p-Isopropyltoluene	ug/L	20	20.4	20.7	102	104	74-125	2	30	
sec-Butylbenzene	ug/L	20	19.7	20.5	99	103	69-134	4	30	
Styrene	ug/L	20	21.4	20.9	107	104	75-125	3	30	
tert-Butylbenzene	ug/L	20	19.7	20.3	99	101	71-128	3	30	
Tetrachloroethene	ug/L	20	20.8	21.3	104	106	74-125	2	30	
Tetrahydrofuran	ug/L	200	170	187	85	93	64-142	10	30	
Toluene	ug/L	20	19.2	19.1	96	96	75-125	0	30	
trans-1,2-Dichloroethene	ug/L	20	21.0	21.0	105	105	73-125	0	30	
trans-1,3-Dichloropropene	ug/L	20	22.2	23.1	111	116	75-125	4	30	
Trichloroethene	ug/L	20	21.2	21.1	106	106	75-125	0	30	
Trichlorofluoromethane	ug/L	20	23.7	24.5	118	122	75-126	3	30	
Vinyl chloride	ug/L	20	18.7	19.8	93	99	72-125	6	30	
Xylene (Total)	ug/L	60	61.2	62.1	102	104	75-125	1	30	
1,2-Dichloroethane-d4 (S)	%				109	108	75-125			
4-Bromofluorobenzene (S)	%				98	102	75-125			
Toluene-d8 (S)	%				102	101	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

QC Batch:	451946	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10372881003, 10372881019, 10372881028, 10372881031		

METHOD BLANK:	2474527	Matrix:	Water
Associated Lab Samples:	10372881003, 10372881019, 10372881028, 10372881031		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	12/15/16 14:47	
1,1,1-Trichloroethane	ug/L	ND	0.50	12/15/16 14:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	12/15/16 14:47	
1,1,2-Trichloroethane	ug/L	ND	0.50	12/15/16 14:47	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	12/15/16 14:47	
1,1-Dichloroethane	ug/L	ND	0.50	12/15/16 14:47	
1,1-Dichloroethene	ug/L	ND	0.50	12/15/16 14:47	
1,1-Dichloropropene	ug/L	ND	0.50	12/15/16 14:47	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	12/15/16 14:47	
1,2,3-Trichloropropane	ug/L	ND	4.0	12/15/16 14:47	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	12/15/16 14:47	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	12/15/16 14:47	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	12/15/16 14:47	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	12/15/16 14:47	
1,2-Dichlorobenzene	ug/L	ND	0.50	12/15/16 14:47	
1,2-Dichloroethane	ug/L	ND	0.50	12/15/16 14:47	
1,2-Dichloropropane	ug/L	ND	4.0	12/15/16 14:47	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	12/15/16 14:47	
1,3-Dichlorobenzene	ug/L	ND	0.50	12/15/16 14:47	
1,3-Dichloropropane	ug/L	ND	0.50	12/15/16 14:47	
1,4-Dichlorobenzene	ug/L	ND	0.50	12/15/16 14:47	
2,2-Dichloropropane	ug/L	ND	1.0	12/15/16 14:47	
2-Butanone (MEK)	ug/L	ND	5.0	12/15/16 14:47	
2-Chlorotoluene	ug/L	ND	0.50	12/15/16 14:47	
4-Chlorotoluene	ug/L	ND	0.50	12/15/16 14:47	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/15/16 14:47	
Acetone	ug/L	ND	20.0	12/15/16 14:47	
Allyl chloride	ug/L	ND	4.0	12/15/16 14:47	
Benzene	ug/L	ND	0.50	12/15/16 14:47	
Bromobenzene	ug/L	ND	0.50	12/15/16 14:47	
Bromochloromethane	ug/L	ND	1.0	12/15/16 14:47	
Bromodichloromethane	ug/L	ND	0.50	12/15/16 14:47	
Bromoform	ug/L	ND	4.0	12/15/16 14:47	
Bromomethane	ug/L	ND	4.0	12/15/16 14:47	
Carbon tetrachloride	ug/L	ND	1.0	12/15/16 14:47	
Chlorobenzene	ug/L	ND	0.50	12/15/16 14:47	
Chloroethane	ug/L	ND	1.0	12/15/16 14:47	
Chloroform	ug/L	ND	1.0	12/15/16 14:47	
Chloromethane	ug/L	ND	4.0	12/15/16 14:47	
cis-1,2-Dichloroethene	ug/L	ND	0.50	12/15/16 14:47	
cis-1,3-Dichloropropene	ug/L	ND	0.50	12/15/16 14:47	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25LOC
Pace Project No.: 10372881

METHOD BLANK: 2474527 Matrix: Water
Associated Lab Samples: 10372881003, 10372881019, 10372881028, 10372881031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	12/15/16 14:47	
Dibromomethane	ug/L	ND	1.0	12/15/16 14:47	
Dichlorodifluoromethane	ug/L	ND	1.0	12/15/16 14:47	
Dichlorofluoromethane	ug/L	ND	1.0	12/15/16 14:47	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	12/15/16 14:47	
Ethylbenzene	ug/L	ND	0.50	12/15/16 14:47	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	12/15/16 14:47	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	12/15/16 14:47	
m&p-Xylene	ug/L	ND	1.0	12/15/16 14:47	
Methyl-tert-butyl ether	ug/L	ND	0.50	12/15/16 14:47	
Methylene Chloride	ug/L	ND	4.0	12/15/16 14:47	
n-Butylbenzene	ug/L	ND	0.50	12/15/16 14:47	
n-Propylbenzene	ug/L	ND	0.50	12/15/16 14:47	
Naphthalene	ug/L	ND	4.0	12/15/16 14:47	
o-Xylene	ug/L	ND	0.50	12/15/16 14:47	
p-Isopropyltoluene	ug/L	ND	0.50	12/15/16 14:47	
sec-Butylbenzene	ug/L	ND	0.50	12/15/16 14:47	
Styrene	ug/L	ND	0.50	12/15/16 14:47	
tert-Butylbenzene	ug/L	ND	0.50	12/15/16 14:47	
Tetrachloroethene	ug/L	ND	0.50	12/15/16 14:47	
Tetrahydrofuran	ug/L	ND	10.0	12/15/16 14:47	
Toluene	ug/L	ND	0.50	12/15/16 14:47	
trans-1,2-Dichloroethene	ug/L	ND	0.50	12/15/16 14:47	
trans-1,3-Dichloropropene	ug/L	ND	0.50	12/15/16 14:47	
Trichloroethene	ug/L	ND	0.40	12/15/16 14:47	
Trichlorofluoromethane	ug/L	ND	0.50	12/15/16 14:47	
Vinyl chloride	ug/L	ND	0.20	12/15/16 14:47	
Xylene (Total)	ug/L	ND	1.5	12/15/16 14:47	
1,2-Dichloroethane-d4 (S)	%	95	75-125	12/15/16 14:47	
4-Bromofluorobenzene (S)	%	100	75-125	12/15/16 14:47	
Toluene-d8 (S)	%	101	75-125	12/15/16 14:47	

LABORATORY CONTROL SAMPLE & LCSD: 2474528

LABORATORY CONTROL SAMPLE & LCSD: 2474528			2474529							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.7	20.1	103	101	75-125	3	30	
1,1,1-Trichloroethane	ug/L	20	19.7	18.5	98	93	74-125	6	30	
1,1,2,2-Tetrachloroethane	ug/L	20	21.4	21.4	107	107	67-131	0	30	
1,1,2-Trichloroethane	ug/L	20	19.8	19.3	99	97	75-125	2	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.5	18.2	97	91	75-125	7	30	
1,1-Dichloroethane	ug/L	20	18.8	17.6	94	88	74-125	7	30	
1,1-Dichloroethene	ug/L	20	18.5	17.7	92	89	74-125	4	30	
1,1-Dichloropropene	ug/L	20	19.1	17.2	96	86	74-125	11	30	
1,2,3-Trichlorobenzene	ug/L	20	20.7	20.6	103	103	63-131	0	30	

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD: 2474528			2474529							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	20	21.8	21.1	109	106	73-125	3	30	
1,2,4-Trichlorobenzene	ug/L	20	20.8	20.2	104	101	66-126	3	30	
1,2,4-Trimethylbenzene	ug/L	20	22.3	20.9	112	105	74-129	7	30	
1,2-Dibromo-3-chloropropane	ug/L	50	45.6	49.7	91	99	54-129	9	30	
1,2-Dibromoethane (EDB)	ug/L	20	21.3	20.6	107	103	75-125	4	30	
1,2-Dichlorobenzene	ug/L	20	20.9	19.3	105	96	75-125	8	30	
1,2-Dichloroethane	ug/L	20	16.8	16.4	84	82	75-125	3	30	
1,2-Dichloropropane	ug/L	20	19.0	17.9	95	90	75-125	6	30	
1,3,5-Trimethylbenzene	ug/L	20	22.4	20.8	112	104	73-127	8	30	
1,3-Dichlorobenzene	ug/L	20	20.7	19.3	103	97	75-125	7	30	
1,3-Dichloropropane	ug/L	20	19.5	18.9	98	95	69-125	3	30	
1,4-Dichlorobenzene	ug/L	20	20.1	18.9	101	94	75-125	6	30	
2,2-Dichloropropane	ug/L	20	21.0	19.7	105	98	69-125	7	30	
2-Butanone (MEK)	ug/L	100	84.3	97.9	84	98	48-145	15	30	
2-Chlorotoluene	ug/L	20	20.7	19.0	104	95	74-125	9	30	
4-Chlorotoluene	ug/L	20	21.3	19.6	106	98	73-125	8	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.2	109	98	109	53-138	10	30	
Acetone	ug/L	100	92.1	89.4	92	89	70-142	3	30	
Allyl chloride	ug/L	20	17.6	16.8	88	84	61-127	4	30	
Benzene	ug/L	20	19.4	17.9	97	89	65-125	8	30	
Bromobenzene	ug/L	20	20.8	19.6	104	98	75-125	6	30	
Bromochloromethane	ug/L	20	19.6	18.9	98	94	75-125	4	30	
Bromodichloromethane	ug/L	20	19.2	18.5	96	92	73-125	4	30	
Bromoform	ug/L	20	17.3	16.8	86	84	69-125	3	30	
Bromomethane	ug/L	20	13.8	15.8	69	79	40-136	13	30	
Carbon tetrachloride	ug/L	20	19.6	19.0	98	95	70-125	3	30	
Chlorobenzene	ug/L	20	19.7	18.6	98	93	75-125	6	30	
Chloroethane	ug/L	20	18.2	17.7	91	89	67-141	3	30	
Chloroform	ug/L	20	17.9	16.7	89	84	75-125	7	30	
Chloromethane	ug/L	20	18.5	18.0	92	90	50-150	3	30	
cis-1,2-Dichloroethene	ug/L	20	18.8	17.6	94	88	75-125	7	30	
cis-1,3-Dichloropropene	ug/L	20	20.2	19.4	101	97	75-125	4	30	
Dibromochloromethane	ug/L	20	19.6	18.7	98	93	75-125	5	30	
Dibromomethane	ug/L	20	19.7	19.8	98	99	75-129	1	30	
Dichlorodifluoromethane	ug/L	20	17.2	17.0	86	85	59-135	1	30	
Dichlorofluoromethane	ug/L	20	18.4	17.4	92	87	74-130	6	30	
Diethyl ether (Ethyl ether)	ug/L	20	18.0	18.0	90	90	66-132	0	30	
Ethylbenzene	ug/L	20	19.3	18.1	97	90	75-125	7	30	
Hexachloro-1,3-butadiene	ug/L	20	20.8	21.8	104	109	72-126	5	30	
Isopropylbenzene (Cumene)	ug/L	20	21.7	20.2	109	101	71-136	7	30	
m&p-Xylene	ug/L	40	41.9	39.2	105	98	75-125	7	30	
Methyl-tert-butyl ether	ug/L	20	18.3	18.1	91	91	73-127	1	30	
Methylene Chloride	ug/L	20	18.7	17.3	93	86	68-128	8	30	
n-Butylbenzene	ug/L	20	22.1	21.0	110	105	70-126	5	30	
n-Propylbenzene	ug/L	20	21.1	19.8	105	99	67-131	6	30	
Naphthalene	ug/L	20	17.7	18.9	88	95	52-134	7	30	
o-Xylene	ug/L	20	21.5	20.4	108	102	75-125	6	30	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD:		2474528	2474529							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	20	22.9	21.4	114	107	74-125	7	30	
sec-Butylbenzene	ug/L	20	22.6	20.7	113	103	69-134	9	30	
Styrene	ug/L	20	21.4	20.0	107	100	75-125	7	30	
tert-Butylbenzene	ug/L	20	21.1	19.2	105	96	71-128	9	30	
Tetrachloroethene	ug/L	20	21.7	19.4	108	97	74-125	11	30	
Tetrahydrofuran	ug/L	200	198	188	99	94	64-142	5	30	
Toluene	ug/L	20	20.1	18.1	100	90	75-125	10	30	
trans-1,2-Dichloroethene	ug/L	20	19.4	17.6	97	88	73-125	10	30	
trans-1,3-Dichloropropene	ug/L	20	20.5	20.0	102	100	75-125	2	30	
Trichloroethene	ug/L	20	21.1	19.3	105	97	75-125	9	30	
Trichlorofluoromethane	ug/L	20	18.7	18.0	93	90	75-126	4	30	
Vinyl chloride	ug/L	20	17.5	17.1	88	85	72-125	3	30	
Xylene (Total)	ug/L	60	63.4	59.5	106	99	75-125	6	30	
1,2-Dichloroethane-d4 (S)	%				95	95	75-125			
4-Bromofluorobenzene (S)	%				100	98	75-125			
Toluene-d8 (S)	%				102	101	75-125			

MATRIX SPIKE SAMPLE:		2475469	1280324004	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Parameter	Units	Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	20	23.9	119	75-127		
1,1,1-Trichloroethane	ug/L	ND	20	23.2	116	66-142		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	22.3	111	70-131		
1,1,2-Trichloroethane	ug/L	ND	20	21.2	106	75-128		
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	25.7	128	54-150		
1,1-Dichloroethane	ug/L	ND	20	21.2	106	58-147		
1,1-Dichloroethene	ug/L	ND	20	23.4	117	49-150		
1,1-Dichloropropene	ug/L	ND	20	23.2	116	58-147		
1,2,3-Trichlorobenzene	ug/L	ND	20	22.4	112	57-139		
1,2,3-Trichloropropane	ug/L	ND	20	21.8	109	71-127		
1,2,4-Trichlorobenzene	ug/L	ND	20	23.1	116	55-136		
1,2,4-Trimethylbenzene	ug/L	ND	20	24.7	124	67-138		
1,2-Dibromo-3-chloropropane	ug/L	ND	50	47.9	96	63-136		
1,2-Dibromoethane (EDB)	ug/L	ND	20	22.8	114	74-125		
1,2-Dichlorobenzene	ug/L	ND	20	22.3	112	75-125		
1,2-Dichloroethane	ug/L	ND	20	18.9	95	63-133		
1,2-Dichloropropane	ug/L	ND	20	21.5	108	63-138		
1,3,5-Trimethylbenzene	ug/L	ND	20	24.8	124	69-136		
1,3-Dichlorobenzene	ug/L	ND	20	23.3	117	75-125		
1,3-Dichloropropane	ug/L	ND	20	22.3	111	65-135		
1,4-Dichlorobenzene	ug/L	ND	20	22.0	110	70-126		
2,2-Dichloropropane	ug/L	ND	20	24.5	122	39-148		
2-Butanone (MEK)	ug/L	ND	100	92.1	92	50-144		
2-Chlorotoluene	ug/L	ND	20	22.5	113	71-135		
4-Chlorotoluene	ug/L	ND	20	23.1	116	71-131		

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QUALITY CONTROL DATA

Project: WAKS25L0C
Pace Project No.: 10372881

MATRIX SPIKE SAMPLE:		2475469					
Parameter	Units	1280324004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	103	103	60-147	
Acetone	ug/L	27.0	100	109	82	59-150	
Allyl chloride	ug/L	ND	20	19.5	92	38-149	
Benzene	ug/L	ND	20	22.1	111	61-138	
Bromobenzene	ug/L	ND	20	22.5	113	74-130	
Bromochloromethane	ug/L	ND	20	21.8	109	65-137	
Bromodichloromethane	ug/L	ND	20	21.1	106	66-136	
Bromoform	ug/L	ND	20	17.0	85	71-125	
Bromomethane	ug/L	ND	20	15.2	76	30-150	
Carbon tetrachloride	ug/L	ND	20	24.8	124	68-140	
Chlorobenzene	ug/L	ND	20	22.0	110	75-132	
Chloroethane	ug/L	ND	20	19.8	99	55-150	
Chloroform	ug/L	ND	20	20.1	101	64-139	
Chloromethane	ug/L	ND	20	19.7	96	73-150	
cis-1,2-Dichloroethene	ug/L	ND	20	20.9	105	62-138	
cis-1,3-Dichloropropene	ug/L	ND	20	22.2	111	70-125	
Dibromochloromethane	ug/L	ND	20	21.1	105	74-125	
Dibromomethane	ug/L	ND	20	22.3	111	66-138	
Dichlorodifluoromethane	ug/L	ND	20	20.7	103	53-150	
Dichlorofluoromethane	ug/L	ND	20	18.1	91	58-150	
Diethyl ether (Ethyl ether)	ug/L	ND	20	20.2	101	47-145	
Ethylbenzene	ug/L	ND	20	21.7	108	66-141	
Hexachloro-1,3-butadiene	ug/L	ND	20	27.6	138	63-139	
Isopropylbenzene (Cumene)	ug/L	ND	20	24.6	123	65-146	
m&p-Xylene	ug/L	ND	40	47.0	117	72-142	
Methyl-tert-butyl ether	ug/L	ND	20	19.7	98	63-134	
Methylene Chloride	ug/L	ND	20	20.1	101	49-143	
n-Butylbenzene	ug/L	ND	20	25.4	127	67-134	
n-Propylbenzene	ug/L	ND	20	24.0	120	62-142	
Naphthalene	ug/L	ND	20	19.4	97	41-150	
o-Xylene	ug/L	ND	20	24.0	120	66-138	
p-Isopropyltoluene	ug/L	ND	20	26.5	133	64-137	
sec-Butylbenzene	ug/L	ND	20	25.6	128	65-142	
Styrene	ug/L	ND	20	24.4	122	61-142	
tert-Butylbenzene	ug/L	ND	20	23.5	118	69-135	
Tetrachloroethene	ug/L	ND	20	25.2	126	62-142	
Tetrahydrofuran	ug/L	ND	200	214	107	55-150	
Toluene	ug/L	ND	20	22.5	112	66-132	
trans-1,2-Dichloroethene	ug/L	ND	20	22.4	112	48-150	
trans-1,3-Dichloropropene	ug/L	ND	20	22.5	113	65-130	
Trichloroethene	ug/L	ND	20	24.3	121	64-142	
Trichlorofluoromethane	ug/L	ND	20	21.3	107	63-150	
Vinyl chloride	ug/L	ND	20	17.4	87	58-150	
Xylene (Total)	ug/L	ND	60	71.0	118	70-140	
1,2-Dichloroethane-d4 (S)	%				93	75-125	
4-Bromofluorobenzene (S)	%				96	75-125	
Toluene-d8 (S)	%				101	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

SAMPLE DUPLICATE: 2475470

Parameter	Units	1280324005 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	16.9J		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	.29J		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

SAMPLE DUPLICATE: 2475470

Parameter	Units	1280324005 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	96	96	0		
4-Bromofluorobenzene (S)	%.	102	100	2		
Toluene-d8 (S)	%.	101	99	3		

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

QC Batch: 452216

Analysis Method: EPA 8260B

QC Batch Method: EPA 8260B

Analysis Description: 8260 MSV LL Water

Associated Lab Samples: 10372881002

METHOD BLANK: 2475712

Matrix: Water

Associated Lab Samples: 10372881002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	12/17/16 01:05	
1,1,1-Trichloroethane	ug/L	ND	0.50	12/17/16 01:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	12/17/16 01:05	
1,1,2-Trichloroethane	ug/L	ND	0.50	12/17/16 01:05	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	12/17/16 01:05	
1,1-Dichloroethane	ug/L	ND	0.50	12/17/16 01:05	
1,1-Dichloroethene	ug/L	ND	0.50	12/17/16 01:05	
1,1-Dichloropropene	ug/L	ND	0.50	12/17/16 01:05	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	12/17/16 01:05	
1,2,3-Trichloropropane	ug/L	ND	4.0	12/17/16 01:05	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	12/17/16 01:05	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	12/17/16 01:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	12/17/16 01:05	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	12/17/16 01:05	
1,2-Dichlorobenzene	ug/L	ND	0.50	12/17/16 01:05	
1,2-Dichloroethane	ug/L	ND	0.50	12/17/16 01:05	
1,2-Dichloropropane	ug/L	ND	4.0	12/17/16 01:05	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	12/17/16 01:05	
1,3-Dichlorobenzene	ug/L	ND	0.50	12/17/16 01:05	
1,3-Dichloropropane	ug/L	ND	0.50	12/17/16 01:05	
1,4-Dichlorobenzene	ug/L	ND	0.50	12/17/16 01:05	
2,2-Dichloropropane	ug/L	ND	1.0	12/17/16 01:05	
2-Butanone (MEK)	ug/L	ND	5.0	12/17/16 01:05	
2-Chlorotoluene	ug/L	ND	0.50	12/17/16 01:05	
4-Chlorotoluene	ug/L	ND	0.50	12/17/16 01:05	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/17/16 01:05	
Acetone	ug/L	ND	20.0	12/17/16 01:05	
Allyl chloride	ug/L	ND	4.0	12/17/16 01:05	
Benzene	ug/L	ND	0.50	12/17/16 01:05	
Bromobenzene	ug/L	ND	0.50	12/17/16 01:05	
Bromochloromethane	ug/L	ND	1.0	12/17/16 01:05	
Bromodichloromethane	ug/L	ND	0.50	12/17/16 01:05	
Bromoform	ug/L	ND	4.0	12/17/16 01:05	
Bromomethane	ug/L	ND	4.0	12/17/16 01:05	
Carbon tetrachloride	ug/L	ND	1.0	12/17/16 01:05	
Chlorobenzene	ug/L	ND	0.50	12/17/16 01:05	
Chloroethane	ug/L	ND	1.0	12/17/16 01:05	
Chloroform	ug/L	ND	1.0	12/17/16 01:05	
Chloromethane	ug/L	ND	4.0	12/17/16 01:05	
cis-1,2-Dichloroethene	ug/L	ND	0.50	12/17/16 01:05	
cis-1,3-Dichloropropene	ug/L	ND	0.50	12/17/16 01:05	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

METHOD BLANK: 2475712

Matrix: Water

Associated Lab Samples: 10372881002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	12/17/16 01:05	
Dibromomethane	ug/L	ND	1.0	12/17/16 01:05	
Dichlorodifluoromethane	ug/L	ND	1.0	12/17/16 01:05	
Dichlorofluoromethane	ug/L	ND	1.0	12/17/16 01:05	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	12/17/16 01:05	
Ethylbenzene	ug/L	ND	0.50	12/17/16 01:05	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	12/17/16 01:05	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	12/17/16 01:05	
m&p-Xylene	ug/L	ND	1.0	12/17/16 01:05	
Methyl-tert-butyl ether	ug/L	ND	0.50	12/17/16 01:05	
Methylene Chloride	ug/L	ND	4.0	12/17/16 01:05	
n-Butylbenzene	ug/L	ND	0.50	12/17/16 01:05	
n-Propylbenzene	ug/L	ND	0.50	12/17/16 01:05	
Naphthalene	ug/L	ND	4.0	12/17/16 01:05	
o-Xylene	ug/L	ND	0.50	12/17/16 01:05	
p-Isopropyltoluene	ug/L	ND	0.50	12/17/16 01:05	
sec-Butylbenzene	ug/L	ND	0.50	12/17/16 01:05	
Styrene	ug/L	ND	0.50	12/17/16 01:05	
tert-Butylbenzene	ug/L	ND	0.50	12/17/16 01:05	
Tetrachloroethene	ug/L	ND	0.50	12/17/16 01:05	
Tetrahydrofuran	ug/L	ND	10.0	12/17/16 01:05	
Toluene	ug/L	ND	0.50	12/17/16 01:05	
trans-1,2-Dichloroethene	ug/L	ND	0.50	12/17/16 01:05	
trans-1,3-Dichloropropene	ug/L	ND	0.50	12/17/16 01:05	
Trichloroethene	ug/L	ND	0.40	12/17/16 01:05	
Trichlorofluoromethane	ug/L	ND	0.50	12/17/16 01:05	
Vinyl chloride	ug/L	ND	0.20	12/17/16 01:05	
Xylene (Total)	ug/L	ND	1.5	12/17/16 01:05	
1,2-Dichloroethane-d4 (S)	%	91	75-125	12/17/16 01:05	
4-Bromofluorobenzene (S)	%	99	75-125	12/17/16 01:05	
Toluene-d8 (S)	%	101	75-125	12/17/16 01:05	

LABORATORY CONTROL SAMPLE: 2475713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.7	99	75-125	
1,1,1-Trichloroethane	ug/L	20	18.7	94	74-125	
1,1,2,2-Tetrachloroethane	ug/L	20	19.5	98	67-131	
1,1,2-Trichloroethane	ug/L	20	19.0	95	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	18.7	93	75-125	
1,1-Dichloroethane	ug/L	20	18.4	92	74-125	
1,1-Dichloroethene	ug/L	20	18.0	90	74-125	
1,1-Dichloropropene	ug/L	20	18.1	91	74-125	
1,2,3-Trichlorobenzene	ug/L	20	18.9	94	63-131	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE: 2475713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	19.7	99	73-125	
1,2,4-Trichlorobenzene	ug/L	20	17.4	87	66-126	
1,2,4-Trimethylbenzene	ug/L	20	20.7	103	74-129	
1,2-Dibromo-3-chloropropane	ug/L	50	43.4	87	54-129	
1,2-Dibromoethane (EDB)	ug/L	20	20.7	104	75-125	
1,2-Dichlorobenzene	ug/L	20	19.5	98	75-125	
1,2-Dichloroethane	ug/L	20	16.5	83	75-125	
1,2-Dichloropropane	ug/L	20	17.9	90	75-125	
1,3,5-Trimethylbenzene	ug/L	20	20.9	104	73-127	
1,3-Dichlorobenzene	ug/L	20	19.7	99	75-125	
1,3-Dichloropropane	ug/L	20	19.2	96	69-125	
1,4-Dichlorobenzene	ug/L	20	19.2	96	75-125	
2,2-Dichloropropane	ug/L	20	16.7	84	69-125	
2-Butanone (MEK)	ug/L	100	88.2	88	48-145	
2-Chlorotoluene	ug/L	20	19.2	96	74-125	
4-Chlorotoluene	ug/L	20	19.5	97	73-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.9	95	53-138	
Acetone	ug/L	100	99.5	99	70-142	
Allyl chloride	ug/L	20	17.1	85	61-127	
Benzene	ug/L	20	18.8	94	65-125	
Bromobenzene	ug/L	20	19.0	95	75-125	
Bromochloromethane	ug/L	20	19.1	96	75-125	
Bromodichloromethane	ug/L	20	18.0	90	73-125	
Bromoform	ug/L	20	16.3	82	69-125	
Bromomethane	ug/L	20	16.3	81	40-136	
Carbon tetrachloride	ug/L	20	18.9	95	70-125	
Chlorobenzene	ug/L	20	19.4	97	75-125	
Chloroethane	ug/L	20	18.9	95	67-141	
Chloroform	ug/L	20	16.8	84	75-125	
Chloromethane	ug/L	20	17.3	87	50-150	
cis-1,2-Dichloroethene	ug/L	20	18.0	90	75-125	
cis-1,3-Dichloropropene	ug/L	20	19.4	97	75-125	
Dibromochloromethane	ug/L	20	18.7	94	75-125	
Dibromomethane	ug/L	20	20.3	101	75-129	
Dichlorodifluoromethane	ug/L	20	16.8	84	59-135	
Dichlorofluoromethane	ug/L	20	18.1	90	74-130	
Diethyl ether (Ethyl ether)	ug/L	20	17.2	86	66-132	
Ethylbenzene	ug/L	20	18.6	93	75-125	
Hexachloro-1,3-butadiene	ug/L	20	19.5	97	72-126	
Isopropylbenzene (Cumene)	ug/L	20	21.3	107	71-136	
m&p-Xylene	ug/L	40	41.3	103	75-125	
Methyl-tert-butyl ether	ug/L	20	16.9	84	73-127	
Methylene Chloride	ug/L	20	17.5	88	68-128	
n-Butylbenzene	ug/L	20	18.9	94	70-126	
n-Propylbenzene	ug/L	20	19.7	98	67-131	
Naphthalene	ug/L	20	16.0	80	52-134	
o-Xylene	ug/L	20	21.5	108	75-125	

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE: 2475713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	20	21.0	105	74-125	
sec-Butylbenzene	ug/L	20	20.5	103	69-134	
Styrene	ug/L	20	21.2	106	75-125	
tert-Butylbenzene	ug/L	20	19.3	96	71-128	
Tetrachloroethene	ug/L	20	21.1	105	74-125	
Tetrahydrofuran	ug/L	200	194	97	64-142	
Toluene	ug/L	20	19.2	96	75-125	
trans-1,2-Dichloroethene	ug/L	20	18.3	91	73-125	
trans-1,3-Dichloropropene	ug/L	20	19.5	98	75-125	
Trichloroethene	ug/L	20	20.6	103	75-125	
Trichlorofluoromethane	ug/L	20	18.0	90	75-126	
Vinyl chloride	ug/L	20	17.2	86	72-125	
Xylene (Total)	ug/L	60	62.8	105	75-125	
1,2-Dichloroethane-d4 (S)	%			91	75-125	
4-Bromofluorobenzene (S)	%			95	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2475714 2475715

Parameter	Units	10373467003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<0.064	20	20	22.9	23.4	115	117	75-127	2	30	
1,1,1-Trichloroethane	ug/L	<0.057	20	20	22.8	22.3	114	111	66-142	2	30	
1,1,2,2-Tetrachloroethane	ug/L	<0.055	20	20	21.0	21.4	105	107	70-131	2	30	
1,1,2-Trichloroethane	ug/L	<0.064	20	20	20.6	21.6	103	108	75-128	5	30	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.13	20	20	23.6	24.6	118	123	54-150	4	30	
1,1-Dichloroethane	ug/L	<0.055	20	20	21.0	20.7	105	103	58-147	2	30	
1,1-Dichloroethene	ug/L	<0.069	20	20	22.0	21.9	110	109	49-150	1	30	
1,1-Dichloropropene	ug/L	<0.082	20	20	21.8	22.1	109	110	58-147	1	30	
1,2,3-Trichlorobenzene	ug/L	<0.17	20	20	21.6	21.8	108	109	57-139	1	30	
1,2,3-Trichloropropane	ug/L	<0.19	20	20	22.0	20.7	110	103	71-127	6	30	
1,2,4-Trichlorobenzene	ug/L	<0.14	20	20	21.4	21.0	107	105	55-136	2	30	
1,2,4-Trimethylbenzene	ug/L	<0.068	20	20	23.8	23.6	119	118	67-138	1	30	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	50	50	44.3	46.7	89	93	63-136	5	30	
1,2-Dibromoethane (EDB)	ug/L	<0.092	20	20	22.7	22.1	113	111	74-125	3	30	
1,2-Dichlorobenzene	ug/L	<0.078	20	20	21.7	22.4	109	112	75-125	3	30	
1,2-Dichloroethane	ug/L	<0.072	20	20	18.1	17.9	91	90	63-133	1	30	
1,2-Dichloropropane	ug/L	<0.066	20	20	20.8	21.0	104	105	63-138	1	30	
1,3,5-Trimethylbenzene	ug/L	<0.042	20	20	24.2	24.0	121	120	69-136	1	30	
1,3-Dichlorobenzene	ug/L	<0.085	20	20	22.7	22.7	114	114	75-125	0	30	
1,3-Dichloropropane	ug/L	<0.059	20	20	20.7	21.1	104	106	65-135	2	30	
1,4-Dichlorobenzene	ug/L	<0.081	20	20	21.6	22.0	108	110	70-126	2	30	
2,2-Dichloropropane	ug/L	<0.096	20	20	20.1	20.2	100	101	39-148	0	30	
2-Butanone (MEK)	ug/L	<1.1	100	100	90.6	86.1	91	86	50-144	5	30	

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2475714 2475715											
Parameter	Units	10373467003		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Spike	Conc.	Result	% Rec	Result	% Rec
									Limits	RPD	Max RPD
2-Chlorotoluene	ug/L	<0.084	20	20	20	22.2	22.2	111	111	71-135	0 30
4-Chlorotoluene	ug/L	<0.048	20	20	20	22.4	21.8	112	109	71-131	3 30
4-Methyl-2-pentanone (MIBK)	ug/L	<0.80	100	100	100	102	99.6	102	100	60-147	3 30
Acetone	ug/L	5.9J	100	100	100	104	103	98	97	59-150	1 30
Allyl chloride	ug/L	<0.25	20	20	20	19.1	19.2	95	96	38-149	1 30
Benzene	ug/L	<0.042	20	20	20	21.9	22.1	110	110	61-138	1 30
Bromobenzene	ug/L	<0.087	20	20	20	22.6	23.0	113	115	74-130	2 30
Bromochloromethane	ug/L	<0.082	20	20	20	22.1	20.9	111	104	65-137	6 30
Bromodichloromethane	ug/L	<0.068	20	20	20	20.4	20.2	102	101	66-136	1 30
Bromoform	ug/L	<0.11	20	20	20	16.6	17.7	83	88	71-125	6 30
Bromomethane	ug/L	<0.20	20	20	20	18.5	21.0	92	105	30-150	13 30
Carbon tetrachloride	ug/L	<0.079	20	20	20	23.9	24.1	119	121	68-140	1 30
Chlorobenzene	ug/L	<0.066	20	20	20	22.1	22.1	110	110	75-132	0 30
Chloroethane	ug/L	<0.12	20	20	20	21.4	20.6	107	103	55-150	4 30
Chloroform	ug/L	<0.21	20	20	20	20.0	19.9	100	99	64-139	1 30
Chloromethane	ug/L	<0.080	20	20	20	21.5	21.4	107	107	73-150	1 30
cis-1,2-Dichloroethene	ug/L	<0.12	20	20	20	20.6	21.0	103	105	62-138	2 30
cis-1,3-Dichloropropene	ug/L	<0.069	20	20	20	20.9	21.5	104	107	70-125	3 30
Dibromochloromethane	ug/L	<0.048	20	20	20	20.0	20.9	100	104	74-125	4 30
Dibromomethane	ug/L	<0.14	20	20	20	22.1	22.0	110	110	66-138	0 30
Dichlorodifluoromethane	ug/L	<0.075	20	20	20	21.8	22.4	109	112	53-150	2 30
Dichlorofluoromethane	ug/L	<0.054	20	20	20	21.3	20.4	106	102	58-150	4 30
Diethyl ether (Ethyl ether)	ug/L	<0.090	20	20	20	19.8	20.3	99	102	47-145	2 30
Ethylbenzene	ug/L	<0.075	20	20	20	21.7	21.7	109	108	66-141	0 30
Hexachloro-1,3-butadiene	ug/L	<0.13	20	20	20	22.9	24.2	114	121	63-139	6 30
Isopropylbenzene (Cumene)	ug/L	<0.064	20	20	20	24.9	24.5	125	123	65-146	2 30
m&p-Xylene	ug/L	<0.11	40	40	40	46.7	47.8	117	120	72-142	2 30
Methyl-tert-butyl ether	ug/L	<0.047	20	20	20	19.3	19.0	97	95	63-134	2 30
Methylene Chloride	ug/L	<0.097	20	20	20	19.8	19.6	99	98	49-143	1 30
n-Butylbenzene	ug/L	<0.16	20	20	20	23.3	23.7	117	119	67-134	2 30
n-Propylbenzene	ug/L	<0.049	20	20	20	23.2	23.2	116	116	62-142	0 30
Naphthalene	ug/L	<0.064	20	20	20	18.6	18.9	93	95	41-150	2 30
o-Xylene	ug/L	<0.044	20	20	20	24.3	25.0	121	125	66-138	3 30
p-Isopropyltoluene	ug/L	0.21J	20	20	20	25.1	25.3	124	125	64-137	1 30
sec-Butylbenzene	ug/L	<0.094	20	20	20	24.2	24.4	121	122	65-142	1 30
Styrene	ug/L	<0.056	20	20	20	23.9	23.7	120	118	61-142	1 30
tert-Butylbenzene	ug/L	<0.051	20	20	20	22.5	22.8	113	114	69-135	1 30
Tetrachloroethene	ug/L	<0.13	20	20	20	24.3	24.4	121	122	62-142	1 30
Tetrahydrofuran	ug/L	<1.5	200	200	200	219	206	109	103	55-150	6 30
Toluene	ug/L	<0.059	20	20	20	22.7	22.6	113	113	66-132	0 30
trans-1,2-Dichloroethene	ug/L	<0.15	20	20	20	21.4	21.9	107	109	48-150	2 30
trans-1,3-Dichloropropene	ug/L	<0.044	20	20	20	21.0	21.5	105	108	65-130	3 30
Trichloroethene	ug/L	<0.044	20	20	20	24.9	24.8	124	124	64-142	0 30
Trichlorofluoromethane	ug/L	<0.055	20	20	20	23.1	22.7	115	114	63-150	1 30
Vinyl chloride	ug/L	<0.098	20	20	20	21.6	21.3	108	107	58-150	1 30

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2475714 2475715												
Parameter	Units	10373467003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Xylene (Total)	ug/L	<0.15	60	60	71.0	72.8	118	121	70-140	3	30	
1,2-Dichloroethane-d4 (S)	%.						91	89	75-125			
4-Bromofluorobenzene (S)	%.						95	94	75-125			
Toluene-d8 (S)	%.						99	100	75-125			

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

QC Batch:	452383	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10372881004, 10372881005, 10372881015		

METHOD BLANK: 2476549 Matrix: Water

Associated Lab Samples: 10372881004, 10372881005, 10372881015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	12/19/16 13:31	
1,1,1-Trichloroethane	ug/L	ND	0.50	12/19/16 13:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	12/19/16 13:31	
1,1,2-Trichloroethane	ug/L	ND	0.50	12/19/16 13:31	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	12/19/16 13:31	
1,1-Dichloroethane	ug/L	ND	0.50	12/19/16 13:31	
1,1-Dichloroethene	ug/L	ND	0.50	12/19/16 13:31	
1,1-Dichloropropene	ug/L	ND	0.50	12/19/16 13:31	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	12/19/16 13:31	
1,2,3-Trichloropropane	ug/L	ND	4.0	12/19/16 13:31	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	12/19/16 13:31	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	12/19/16 13:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	12/19/16 13:31	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	12/19/16 13:31	
1,2-Dichlorobenzene	ug/L	ND	0.50	12/19/16 13:31	
1,2-Dichloroethane	ug/L	ND	0.50	12/19/16 13:31	
1,2-Dichloropropane	ug/L	ND	4.0	12/19/16 13:31	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	12/19/16 13:31	
1,3-Dichlorobenzene	ug/L	ND	0.50	12/19/16 13:31	
1,3-Dichloropropane	ug/L	ND	0.50	12/19/16 13:31	
1,4-Dichlorobenzene	ug/L	ND	0.50	12/19/16 13:31	
2,2-Dichloropropane	ug/L	ND	1.0	12/19/16 13:31	
2-Butanone (MEK)	ug/L	ND	5.0	12/19/16 13:31	
2-Chlorotoluene	ug/L	ND	0.50	12/19/16 13:31	
4-Chlorotoluene	ug/L	ND	0.50	12/19/16 13:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/19/16 13:31	
Acetone	ug/L	ND	20.0	12/19/16 13:31	
Allyl chloride	ug/L	ND	4.0	12/19/16 13:31	
Benzene	ug/L	ND	0.50	12/19/16 13:31	
Bromobenzene	ug/L	ND	0.50	12/19/16 13:31	
Bromochloromethane	ug/L	ND	1.0	12/19/16 13:31	
Bromodichloromethane	ug/L	ND	0.50	12/19/16 13:31	
Bromoform	ug/L	ND	4.0	12/19/16 13:31	
Bromomethane	ug/L	ND	4.0	12/19/16 13:31	
Carbon tetrachloride	ug/L	ND	1.0	12/19/16 13:31	
Chlorobenzene	ug/L	ND	0.50	12/19/16 13:31	
Chloroethane	ug/L	ND	1.0	12/19/16 13:31	
Chloroform	ug/L	ND	1.0	12/19/16 13:31	
Chloromethane	ug/L	ND	4.0	12/19/16 13:31	
cis-1,2-Dichloroethene	ug/L	ND	0.50	12/19/16 13:31	
cis-1,3-Dichloropropene	ug/L	ND	0.50	12/19/16 13:31	

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QUALITY CONTROL DATA

Project: WAKS25L0C
Pace Project No.: 10372881

METHOD BLANK: 2476549 Matrix: Water

Associated Lab Samples: 10372881004, 10372881005, 10372881015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	0.50	12/19/16 13:31	
Dibromomethane	ug/L	ND	1.0	12/19/16 13:31	
Dichlorodifluoromethane	ug/L	ND	1.0	12/19/16 13:31	
Dichlorofluoromethane	ug/L	ND	1.0	12/19/16 13:31	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	12/19/16 13:31	
Ethylbenzene	ug/L	ND	0.50	12/19/16 13:31	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	12/19/16 13:31	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	12/19/16 13:31	
m&p-Xylene	ug/L	ND	1.0	12/19/16 13:31	
Methyl-tert-butyl ether	ug/L	ND	0.50	12/19/16 13:31	
Methylene Chloride	ug/L	ND	4.0	12/19/16 13:31	
n-Butylbenzene	ug/L	ND	0.50	12/19/16 13:31	
n-Propylbenzene	ug/L	ND	0.50	12/19/16 13:31	
Naphthalene	ug/L	ND	4.0	12/19/16 13:31	
o-Xylene	ug/L	ND	0.50	12/19/16 13:31	
p-Isopropyltoluene	ug/L	ND	0.50	12/19/16 13:31	
sec-Butylbenzene	ug/L	ND	0.50	12/19/16 13:31	
Styrene	ug/L	ND	0.50	12/19/16 13:31	
tert-Butylbenzene	ug/L	ND	0.50	12/19/16 13:31	
Tetrachloroethene	ug/L	ND	0.50	12/19/16 13:31	
Tetrahydrofuran	ug/L	ND	10.0	12/19/16 13:31	
Toluene	ug/L	ND	0.50	12/19/16 13:31	
trans-1,2-Dichloroethene	ug/L	ND	0.50	12/19/16 13:31	
trans-1,3-Dichloropropene	ug/L	ND	0.50	12/19/16 13:31	
Trichloroethene	ug/L	ND	0.40	12/19/16 13:31	
Trichlorofluoromethane	ug/L	ND	0.50	12/19/16 13:31	
Vinyl chloride	ug/L	ND	0.20	12/19/16 13:31	
Xylene (Total)	ug/L	ND	1.5	12/19/16 13:31	
1,2-Dichloroethane-d4 (S)	%	103	75-125	12/19/16 13:31	
4-Bromofluorobenzene (S)	%	101	75-125	12/19/16 13:31	
Toluene-d8 (S)	%	99	75-125	12/19/16 13:31	

LABORATORY CONTROL SAMPLE & LCSD: 2476550

		2476551								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.6	19.8	98	99	75-125	1	30	
1,1,1-Trichloroethane	ug/L	20	18.7	18.5	93	93	74-125	1	30	
1,1,2,2-Tetrachloroethane	ug/L	20	18.9	19.7	95	98	67-131	4	30	
1,1,2-Trichloroethane	ug/L	20	18.9	19.3	95	97	75-125	2	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	17.9	17.4	90	87	75-125	3	30	
1,1-Dichloroethane	ug/L	20	19.0	18.5	95	93	74-125	3	30	
1,1-Dichloroethene	ug/L	20	18.1	17.9	91	90	74-125	1	30	
1,1-Dichloropropene	ug/L	20	18.4	18.4	92	92	74-125	0	30	
1,2,3-Trichlorobenzene	ug/L	20	19.9	20.3	100	101	63-131	2	30	

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD: 2476550			2476551								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,2,3-Trichloropropane	ug/L	20	19.1	19.6	96	98	73-125	2	30		
1,2,4-Trichlorobenzene	ug/L	20	20.2	20.4	101	102	66-126	1	30		
1,2,4-Trimethylbenzene	ug/L	20	20.3	20.3	102	101	74-129	0	30		
1,2-Dibromo-3-chloropropane	ug/L	50	46.5	48.2	93	96	54-129	4	30		
1,2-Dibromoethane (EDB)	ug/L	20	19.5	20.0	98	100	75-125	2	30		
1,2-Dichlorobenzene	ug/L	20	19.8	19.5	99	97	75-125	2	30		
1,2-Dichloroethane	ug/L	20	18.7	18.1	94	90	75-125	4	30		
1,2-Dichloropropane	ug/L	20	19.0	18.8	95	94	75-125	1	30		
1,3,5-Trimethylbenzene	ug/L	20	19.7	19.4	98	97	73-127	1	30		
1,3-Dichlorobenzene	ug/L	20	19.4	19.5	97	97	75-125	0	30		
1,3-Dichloropropane	ug/L	20	18.8	19.1	94	96	69-125	1	30		
1,4-Dichlorobenzene	ug/L	20	19.6	19.4	98	97	75-125	1	30		
2,2-Dichloropropane	ug/L	20	19.2	18.8	96	94	69-125	2	30		
2-Butanone (MEK)	ug/L	100	89.3	89.9	89	90	48-145	1	30		
2-Chlorotoluene	ug/L	20	21.2	20.9	106	105	74-125	2	30		
4-Chlorotoluene	ug/L	20	19.7	19.5	98	97	73-125	1	30		
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.2	96.2	93	96	53-138	3	30		
Acetone	ug/L	100	91.2	104	91	104	70-142	13	30		
Allyl chloride	ug/L	20	18.5	17.7	93	89	61-127	4	30		
Benzene	ug/L	20	18.0	17.9	90	90	65-125	0	30		
Bromobenzene	ug/L	20	18.8	19.1	94	95	75-125	2	30		
Bromochloromethane	ug/L	20	19.4	18.6	97	93	75-125	4	30		
Bromodichloromethane	ug/L	20	19.1	18.8	96	94	73-125	2	30		
Bromoform	ug/L	20	19.4	20.5	97	102	69-125	5	30		
Bromomethane	ug/L	20	14.3	16.2	72	81	40-136	13	30		
Carbon tetrachloride	ug/L	20	19.8	19.3	99	96	70-125	3	30		
Chlorobenzene	ug/L	20	18.8	18.8	94	94	75-125	0	30		
Chloroethane	ug/L	20	19.6	19.2	98	96	67-141	2	30		
Chloroform	ug/L	20	17.9	18.0	89	90	75-125	1	30		
Chloromethane	ug/L	20	17.2	16.6	86	83	50-150	4	30		
cis-1,2-Dichloroethene	ug/L	20	17.9	17.7	89	89	75-125	1	30		
cis-1,3-Dichloropropene	ug/L	20	19.6	19.5	98	98	75-125	1	30		
Dibromochloromethane	ug/L	20	19.2	19.7	96	99	75-125	3	30		
Dibromomethane	ug/L	20	19.4	18.9	97	95	75-129	3	30		
Dichlorodifluoromethane	ug/L	20	17.9	17.8	89	89	59-135	1	30		
Dichlorofluoromethane	ug/L	20	18.1	18.0	90	90	74-130	0	30		
Diethyl ether (Ethyl ether)	ug/L	20	19.2	18.8	96	94	66-132	2	30		
Ethylbenzene	ug/L	20	18.8	18.5	94	93	75-125	1	30		
Hexachloro-1,3-butadiene	ug/L	20	21.3	21.3	106	107	72-126	0	30		
Isopropylbenzene (Cumene)	ug/L	20	19.3	19.2	96	96	71-136	0	30		
m&p-Xylene	ug/L	40	39.2	38.9	98	97	75-125	1	30		
Methyl-tert-butyl ether	ug/L	20	18.8	18.7	94	93	73-127	1	30		
Methylene Chloride	ug/L	20	18.7	18.4	93	92	68-128	1	30		
n-Butylbenzene	ug/L	20	20.7	20.1	103	101	70-126	3	30		
n-Propylbenzene	ug/L	20	19.6	19.2	98	96	67-131	2	30		
Naphthalene	ug/L	20	19.3	19.4	97	97	52-134	0	30		
o-Xylene	ug/L	20	19.4	19.3	97	96	75-125	1	30		

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QUALITY CONTROL DATA

Project: WAKS25LOC

Pace Project No.: 10372881

LABORATORY CONTROL SAMPLE & LCSD: 2476550			2476551							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	20	20.1	20.1	101	100	74-125	0	30	
sec-Butylbenzene	ug/L	20	19.9	19.8	99	99	69-134	1	30	
Styrene	ug/L	20	19.5	19.7	97	99	75-125	1	30	
tert-Butylbenzene	ug/L	20	19.4	19.4	97	97	71-128	0	30	
Tetrachloroethene	ug/L	20	19.0	19.9	95	99	74-125	4	30	
Tetrahydrofuran	ug/L	200	183	203	91	102	64-142	11	30	
Toluene	ug/L	20	17.6	18.0	88	90	75-125	2	30	
trans-1,2-Dichloroethene	ug/L	20	17.5	17.5	87	88	73-125	0	30	
trans-1,3-Dichloropropene	ug/L	20	19.5	19.3	98	96	75-125	1	30	
Trichloroethene	ug/L	20	19.5	19.0	98	95	75-125	3	30	
Trichlorofluoromethane	ug/L	20	19.4	19.5	97	98	75-126	0	30	
Vinyl chloride	ug/L	20	19.9	19.4	100	97	72-125	3	30	
Xylene (Total)	ug/L	60	58.6	58.2	98	97	75-125	1	30	
1,2-Dichloroethane-d4 (S)	%				101	98	75-125			
4-Bromofluorobenzene (S)	%				101	99	75-125			
Toluene-d8 (S)	%				100	101	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476552			2476553									
Parameter	Units	10373582004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.3	18.8	92	94	75-127	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.1	18.9	96	94	66-142	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	16.9	18.2	85	91	70-131	8	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.8	17.9	89	90	75-128	0	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	21.2	20.8	106	104	54-150	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	18.7	19.0	94	95	58-147	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.0	97	95	49-150	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	19.3	18.8	96	94	58-147	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.2	18.7	91	94	57-139	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.0	18.0	85	90	71-127	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.6	19.6	93	98	55-136	5	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.5	19.3	92	96	67-138	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	38.8	44.5	78	89	63-136	14	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.0	18.8	90	94	74-125	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.7	18.3	88	91	75-125	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	17.3	16.7	86	83	63-133	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	17.7	17.6	88	88	63-138	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	17.8	18.8	89	94	69-136	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.9	18.5	89	93	75-125	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.6	17.7	88	89	65-135	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.9	18.8	89	94	70-126	5	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.2	97	96	39-148	1	30	
2-Butanone (MEK)	ug/L	ND	100	100	72.6	81.3	73	81	50-144	11	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25LOC
Pace Project No.: 10372881

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476552 2476553											
Parameter	Units	10373582004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
2-Chlorotoluene	ug/L	ND	20	20	19.3	20.0	97	100	71-135	4	30
4-Chlorotoluene	ug/L	ND	20	20	17.8	18.9	89	95	71-131	6	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	79.4	90.3	79	90	60-147	13	30
Acetone	ug/L	ND	100	100	98.5	93.9	98	94	59-150	5	30
Allyl chloride	ug/L	ND	20	20	18.2	17.7	91	88	38-149	3	30
Benzene	ug/L	ND	20	20	17.8	17.7	89	89	61-138	0	30
Bromobenzene	ug/L	ND	20	20	17.6	18.0	88	90	74-130	2	30
Bromochloromethane	ug/L	ND	20	20	18.2	18.6	91	93	65-137	2	30
Bromodichloromethane	ug/L	ND	20	20	17.6	17.9	88	89	66-136	2	30
Bromoform	ug/L	ND	20	20	18.1	18.2	91	91	71-125	0	30
Bromomethane	ug/L	ND	20	20	18.5	19.3	93	96	30-150	4	30
Carbon tetrachloride	ug/L	ND	20	20	20.5	20.5	103	102	68-140	0	30
Chlorobenzene	ug/L	ND	20	20	17.9	18.4	89	92	75-132	3	30
Chloroethane	ug/L	ND	20	20	20.2	20.6	101	103	55-150	2	30
Chloroform	ug/L	ND	20	20	17.6	17.7	88	88	64-139	0	30
Chloromethane	ug/L	ND	20	20	17.6	17.5	88	88	73-150	0	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.5	17.2	88	86	62-138	2	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.0	18.2	90	91	70-125	1	30
Dibromochloromethane	ug/L	ND	20	20	18.1	18.3	91	92	74-125	1	30
Dibromomethane	ug/L	ND	20	20	17.7	17.7	89	89	66-138	0	30
Dichlorodifluoromethane	ug/L	ND	20	20	22.2	21.6	111	108	53-150	3	30
Dichlorofluoromethane	ug/L	ND	20	20	18.6	18.9	93	94	58-150	1	30
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	17.5	17.7	87	89	47-145	1	30
Ethylbenzene	ug/L	ND	20	20	17.7	18.6	89	93	66-141	5	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.6	23.2	118	116	63-139	2	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	17.8	18.6	89	93	65-146	4	30
m&p-Xylene	ug/L	ND	40	40	37.1	37.6	93	94	72-142	1	30
Methyl-tert-butyl ether	ug/L	542	20	20	546	539	24	-15	63-134	1	30 E,M1
Methylene Chloride	ug/L	ND	20	20	17.2	17.3	42	43	49-143	1	30 M1
n-Butylbenzene	ug/L	ND	20	20	19.7	20.1	99	100	67-134	2	30
n-Propylbenzene	ug/L	ND	20	20	18.3	19.0	92	95	62-142	4	30
Naphthalene	ug/L	ND	20	20	16.3	17.9	82	90	41-150	9	30
o-Xylene	ug/L	ND	20	20	17.8	18.7	89	94	66-138	5	30
p-Isopropyltoluene	ug/L	ND	20	20	19.1	19.7	95	99	64-137	3	30
sec-Butylbenzene	ug/L	ND	20	20	19.2	19.7	96	98	65-142	3	30
Styrene	ug/L	ND	20	20	18.4	18.8	92	94	61-142	2	30
tert-Butylbenzene	ug/L	ND	20	20	18.2	18.8	91	94	69-135	3	30
Tetrachloroethene	ug/L	ND	20	20	19.4	19.8	97	99	62-142	2	30
Tetrahydrofuran	ug/L	ND	200	200	192	185	96	92	55-150	4	30
Toluene	ug/L	ND	20	20	17.8	17.9	89	90	66-132	1	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.3	17.7	91	88	48-150	3	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.2	18.1	91	90	65-130	1	30
Trichloroethene	ug/L	ND	20	20	18.9	19.0	95	95	64-142	1	30
Trichlorofluoromethane	ug/L	ND	20	20	22.7	22.5	114	112	63-150	1	30
Vinyl chloride	ug/L	ND	20	20	21.1	21.3	106	106	58-150	1	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS25L0C

Pace Project No.: 10372881

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476552 2476553												
Parameter	Units	10373582004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Xylene (Total)	ug/L	ND	60	60	55.0	56.3	92	94	70-140	2	30	
1,2-Dichloroethane-d4 (S)	%.						103	96	75-125			
4-Bromofluorobenzene (S)	%.						101	100	75-125			
Toluene-d8 (S)	%.						101	102	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WAKS25L0C
Pace Project No.: 10372881

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
 MDL - Adjusted Method Detection Limit.
 PQL - Practical Quantitation Limit.
 RL - Reporting Limit.
 S - Surrogate
 1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
 Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
 LCS(D) - Laboratory Control Sample (Duplicate)
 MS(D) - Matrix Spike (Duplicate)
 DUP - Sample Duplicate
 RPD - Relative Percent Difference
 NC - Not Calculable.
 SG - Silica Gel - Clean-Up
 U - Indicates the compound was analyzed for, but not detected.
 N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
 Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
 TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 451486
 [M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
 Batch: 451675
 [M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
 Batch: 451785
 [M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
 Batch: 451946
 [M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.
 HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
 L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
 L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
 L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
 M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
 M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WAKS25LOC

Pace Project No.: 10372881

ANALYTE QUALIFIERS

P2 Re-extraction or re-analysis could not be performed due to insufficient sample amount.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS25L0C

Pace Project No.: 10372881

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10372881001	MW14:G120816	EPA 8260B	451785		
10372881002	MW1:G120816	EPA 8260B	452216		
10372881003	FD:G120816	EPA 8260B	451946		
10372881004	MW13:G120816	EPA 8260B	452383		
10372881005	MW5:G120816	EPA 8260B	452383		
10372881006	MW19D:G120716	EPA 8260B	451675		
10372881007	MW4:G120816	EPA 8260B	451785		
10372881008	MW17D:G120716	EPA 8260B	451675		
10372881009	MW17:G120716	EPA 8260B	451675		
10372881010	MW6:G120716	EPA 8260B	451675		
10372881011	MW8:G120816	EPA 8260B	451785		
10372881012	MW19:G120716	EPA 8260B	451675		
10372881013	EB1:W120816	EPA 8260B	451785		
10372881014	MW12:G120816	EPA 8260B	451785		
10372881015	MW101:G120716	EPA 8260B	452383		
10372881016	MW1D:G120816	EPA 8260B	451785		
10372881017	MW9:G120616	EPA 8260B	451486		
10372881018	EB2:W120816	EPA 8260B	451785		
10372881019	MW22D:G120716	EPA 8260B	451946		
10372881020	MW20D:G120716	EPA 8260B	451675		
10372881021	MW10:G120616	EPA 8260B	451486		
10372881022	MW16:G120616	EPA 8260B	451486		
10372881023	MW18:G120616	EPA 8260B	451486		
10372881024	MW11:G120616	EPA 8260B	451486		
10372881025	MW21D:G120716	EPA 8260B	451675		
10372881026	FD:G120616	EPA 8260B	451675		
10372881027	MW23:G120617	EPA 8260B	451675		
10372881028	MW18D:G120616	EPA 8260B	451946		
10372881029	MW15D:G120916	EPA 8260B	451785		
10372881030	MW15:G120916	EPA 8260B	451785		
10372881031	Trip Blank	EPA 8260B	451946		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10372881

Section A

Required Client Information:

Company: **THE ELAM GROUP**
Address: **176 W. Logan St.**
Suite 147, Nashville, TN 37203
Email To: **james.hogan@elamgroup.com**
Phone: **615-567-3526** Fax: **615-567-7000**
Requested Due Date/TAT: **STANDARD**

Section B

Required Project Information:

Report To: **JAMES HOGAN**
Copy To: **—**
Purchase Order No.: **WAKS2510C5.2**
Project Name: **—**
Project Number: **WAKS2510C**

Section C

Invoice Information:

Attention: **SAMIR AD CLINT**
Company Name: **—**
Address: **—**
Pace Quote Reference: **—**
Pace Project Manager: **TIM SANDANGER**
Pace Profile #: **—**

Page:

1 of 3

1720640

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER **ECY**

Site Location

STATE: **WA**

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	Matrix Code (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Analysis Test ↓	Y/N	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

SAMPLE CONDITIONS

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed
(MM/DD/YY):

Temp in °C

Received on
Ice (Y/N)

Custody
Sealed Cooler
(Y/N)

Samples Intact
(Y/N)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company: **THE ELAM GROUP**
Address: **176 W. LEXINGTON ST., SUITE 147**
NOBLESVILLE, IN 46060
Email To: **james.bagco@elamusa.com**
Phone: **888.516.3526 x142** Fax: **317.567.9422**
Requested Due Date/TAT: **STANDARD**

Section B

Required Project Information:

Report To: **JAMES HOGAN**
Copy To: **-**
Purchase Order No.: **WAKS251FC502**
Project Name: **-**
Project Number: **WAKS251FC**

Section C

Invoice Information:

Attention: **SAME AS**
Company Name: **CLIENT**
Address: **-**
Pace Quote Reference: **-**
Pace Project Manager: **TIM SANDANGER**
Pace Profile #: **-**

Page: **2** of **3**
1720641

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER **ECY**

Site Location: **WA**
STATE: **WA**

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N Analysis Test ↓	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	<i>[Signature]</i>	12/9/16	1345	<i>[Signature]</i>	12/9/16	1345	1.7	Y	N	Y
	<i>[Signature]</i>	12/9/16	1700	<i>[Signature]</i>	12/6/16	855	2.9	Y	Y	Y

Page 108 of 111

ORIGINAL

SAMPLER NAME AND SIGNATURE: _____

PRINT Name of SAMPLER: _____

SIGNATURE of SAMPLER: _____

DATE Signed (MM/DD/YY): _____

Temp in °C: _____

Received on Ice (Y/N): _____

Custody Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Section B

Required Project Information:

Section C

Invoice Information:

Page: **3** of **3**
1720642

Company: THE BLAM GROUP		Report To: JAMES HOGAN		Attention: SAME AS "A"	
Address: 176 W. LEXINGTON ST., SUITE 147 NOBLESVILLE, IN 46060		Copy To: -		Company Name: -	
Email To: james.hogan@blamusa.com		Purchase Order No.: WAK92510C502		REGULATORY AGENCY ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ OTHER ECY	
Phone: 888.516.3526 x199 Fax: 317.567.9402		Project Name: -		Site Location: WA	
Requested Due Date/TAT: STANDARD		Project Number: WAK92510C		STATE: WA	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Analysis Test ↑	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	<i>[Signature]</i> / BLAM	12/9/16	1345	<i>[Signature]</i> / BLAM	12/9/16	1345	1.7	g	N	g
	<i>[Signature]</i> / BLAM	12/9/16	1700	<i>[Signature]</i> / BLAM	12-10-16	1855	2.9	g	g	g

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:					
DATE Signed (MM/DD/YY):					

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 08Dec2016 Page 1 of 2
	Document No.: F-MN-L-213-rev.18	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt	Client Name: <u>The CLAM Group</u>	Project #: WO# : 10372881
		
Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ SpeedDee ☐ Other: _____	Tracking Number: <u>7021455 5484</u>	
Custody Seal on Cooler/Box Present? ☒ Yes ☐ No	Seals Intact? ☒ Yes ☐ No	Optional: Proj. Due Date: _____ Proj. Name: _____
Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: _____	Temp Blank? ☒ Yes ☐ No	
Thermometer Used: ☒ 151401163 ☐ 151401164 ☐ B88A912167504 ☐ B88A0143310098	Type of Ice: ☒ Wet ☐ Blue ☐ None	☐ Samples on ice, cooling process has begun
Cooler Temp Read (°C): <u>2.9</u>	Cooler Temp Corrected (°C): <u>2.9</u>	Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A
Temp should be above freezing to 6°C Correction Factor: <u>10.0</u>		
Date and Initials of Person Examining Contents: <u>KAC 12-10-16</u>		
USDA Regulated Soil (☒ N/A, water sample)		
Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No		
Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No		
If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.		

		COMMENTS:
Chain of Custody Present?	☒ Yes ☐ No	1.
Chain of Custody Filled Out?	☒ Yes ☐ No	2.
Chain of Custody Relinquished?	☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC?	☐ Yes ☒ No ☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes ☒ No ☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	7.
Sufficient Volume?	☒ Yes ☐ No	8.
Correct Containers Used?	☒ Yes ☐ No	9.
-Pace Containers Used?	☒ Yes ☐ No	
Containers Intact?	☒ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	☒ Yes ☐ No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>		
All containers needing acid/base preservation have been checked?	☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation?	☐ Yes ☐ No ☒ N/A	Sample #
(HNO ₃ , H ₂ SO ₄ , HCl > 2; NaOH > 9 Sulfide, NaOH > 12 Cyanide)	☐ Yes ☐ No ☒ N/A	Initial when completed: _____ Lot # of added preservative: _____
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin.	☒ Yes ☐ No ☐ N/A	
Headspace in VOA Vials (>6mm)?	☐ Yes ☒ No ☐ N/A	14.
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes ☒ No ☐ N/A	
Pace Trip Blank Lot # (if purchased):		

CLIENT NOTIFICATION/RESOLUTION		Field Data Required? ☐ Yes ☐ No
Person Contacted: _____	Date/Time: _____	
Comments/Resolution: _____		

Project Manager Review: <u></u>	Date: <u>12/12/16</u>

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers).

	Document Name: Cooler Transfer Check List	Revised Date: 23Apr2013 Page 1 of 1
	Document Number: F-MN-C-120-rev.01	Issuing Authority: Pace Minnesota Quality Office

Cooler Transfer Check List

Client: The ELAM Group

Project Manager: Tim Sandanger

Profile/Line #: See PM

Received with Custody Seal: Yes ☐ No ☒

Custody Seal Intact: Yes ☐ No ☒ NA

	Temp Read	Corrected Temp	Correction Factor
Temperature C:	<u>1.5</u>	<u>1.7</u>	<u>+0.2</u>
IR Gun # <u>R1</u> - Q281	IR2 - 122065284		
☒ Samples on Ice, cooling process has begun			

Rush/Short Hold: NO

Containers Intact: Yes ☒ No ☐

Re-packed and Re-Iced: ✓

Temp Blank Included: Yes ☒ No ☐

Shipped By/Date: MO 12/9/16

Notes:

Ship to: Pace MN Pace Davis



Appendix D.2

1Q 2017 GW Laboratory Report

March 30, 2017

James Hogan
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS2510C
Pace Project No.: 10382245

Dear James Hogan:

Enclosed are the analytical results for sample(s) received by the laboratory on March 18, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Timothy Sandager
timothy.sandager@pacelabs.com
(612)607-6456
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WAKS2510C

Pace Project No.: 10382245

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia WW Certification #: 382

Wisconsin Certification #: 999407970

Wyoming via EPA Region 8 Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WAKS2510C
Pace Project No.: 10382245

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10382245001	MW8: G031417	Water	03/14/17 08:20	03/18/17 09:20
10382245002	EB: W031317	Water	03/13/17 10:25	03/18/17 09:20
10382245003	MW18: G031417	Water	03/14/17 09:20	03/18/17 09:20
10382245004	MW18D: G031417	Water	03/14/17 10:00	03/18/17 09:20
10382245005	MW9: G031417	Water	03/14/17 10:28	03/18/17 09:20
10382245006	MW11: G031417	Water	03/14/17 11:31	03/18/17 09:20
10382245007	MW4: G031417	Water	03/14/17 13:40	03/18/17 09:20
10382245008	MW19: G031417	Water	03/14/17 15:11	03/18/17 09:20
10382245009	MW19D: G031517	Water	03/15/17 09:04	03/18/17 09:20
10382245010	MW22D: G031417	Water	03/14/17 18:18	03/18/17 09:20
10382245011	MW20D: G031417	Water	03/14/17 19:22	03/18/17 09:20
10382245012	MW21D: G031417	Water	03/14/17 10:36	03/18/17 09:20
10382245013	MW17: G031517	Water	03/15/17 14:44	03/18/17 09:20
10382245014	MW17D: G031517	Water	03/15/17 13:42	03/18/17 09:20
10382245015	MW14: G031517	Water	03/15/17 11:48	03/18/17 09:20
10382245016	MW16: G031517	Water	03/15/17 16:22	03/18/17 09:20
10382245017	MW10: G031517	Water	03/15/17 17:18	03/18/17 09:20
10382245018	MW15D: G031617	Water	03/16/17 08:10	03/18/17 09:20
10382245019	MW15: G031617	Water	03/16/17 08:55	03/18/17 09:20
10382245020	MW101: G031617	Water	03/16/17 11:00	03/18/17 09:20
10382245021	MW23: G031617	Water	03/16/17 12:12	03/18/17 09:20
10382245022	MW12: G031617	Water	03/16/17 14:20	03/18/17 09:20
10382245023	MW5: G031617	Water	03/16/17 15:25	03/18/17 09:20
10382245024	MW6: G031617	Water	03/16/17 18:00	03/18/17 09:20
10382245025	MW1D: G031617	Water	03/16/17 19:10	03/18/17 09:20
10382245026	EB2: W031617	Water	03/16/17 19:35	03/18/17 09:20
10382245027	MW13: G031717	Water	03/17/17 09:33	03/18/17 09:20
10382245028	MW1: G031717	Water	03/17/17 10:33	03/18/17 09:20
10382245029	FD: G031617	Water	03/16/17 00:00	03/18/17 09:20
10382245030	FD2: G031717	Water	03/17/17 00:00	03/18/17 09:20
10382245031	Field Blanks	Water	03/15/17 07:49	03/18/17 09:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WAKS2510C

Pace Project No.: 10382245

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10382245001	MW8: G031417	EPA 8260B	DJB	72	PASI-M
10382245002	EB: W031317	EPA 8260B	DJB	72	PASI-M
10382245003	MW18: G031417	EPA 8260B	DJB	72	PASI-M
10382245004	MW18D: G031417	EPA 8260B	DJB	72	PASI-M
10382245005	MW9: G031417	EPA 8260B	DJB	72	PASI-M
10382245006	MW11: G031417	EPA 8260B	DJB, PRD	72	PASI-M
10382245007	MW4: G031417	EPA 8260B	DJB	72	PASI-M
10382245008	MW19: G031417	EPA 8260B	DJB	72	PASI-M
10382245009	MW19D: G031517	EPA 8260B	DJB	72	PASI-M
10382245010	MW22D: G031417	EPA 8260B	DJB	72	PASI-M
10382245011	MW20D: G031417	EPA 8260B	DJB	72	PASI-M
10382245012	MW21D: G031417	EPA 8260B	DJB	72	PASI-M
10382245013	MW17: G031517	EPA 8260B	DJB	72	PASI-M
10382245014	MW17D: G031517	EPA 8260B	DJB	72	PASI-M
10382245015	MW14: G031517	EPA 8260B	DJB	72	PASI-M
10382245016	MW16: G031517	EPA 8260B	DJB	72	PASI-M
10382245017	MW10: G031517	EPA 8260B	DJB	72	PASI-M
10382245018	MW15D: G031617	EPA 8260B	DJB	72	PASI-M
10382245019	MW15: G031617	EPA 8260B	DJB	72	PASI-M
10382245020	MW101: G031617	EPA 8260B	DJB	72	PASI-M
10382245021	MW23: G031617	EPA 8260B	DJB	72	PASI-M
10382245022	MW12: G031617	EPA 8260B	DJB	72	PASI-M
10382245023	MW5: G031617	EPA 8260B	DJB	72	PASI-M
10382245024	MW6: G031617	EPA 8260B	DJB	72	PASI-M
10382245025	MW1D: G031617	EPA 8260B	DJB	72	PASI-M
10382245026	EB2: W031617	EPA 8260B	DJB	72	PASI-M
10382245027	MW13: G031717	EPA 8260B	DJB	72	PASI-M
10382245028	MW1: G031717	EPA 8260B	DJB, PRD	72	PASI-M
10382245029	FD: G031617	EPA 8260B	DJB, PRD	72	PASI-M
10382245030	FD2: G031717	EPA 8260B	DJB, PRD	72	PASI-M
10382245031	Field Blanks	EPA 8260B	DJB	72	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW8: G031417		Lab ID: 10382245001		Collected: 03/14/17 08:20		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/21/17 23:33	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/21/17 23:33	107-05-1		
Benzene	ND	ug/L	0.50	1		03/21/17 23:33	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/21/17 23:33	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/21/17 23:33	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/21/17 23:33	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/21/17 23:33	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/21/17 23:33	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/21/17 23:33	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/21/17 23:33	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/21/17 23:33	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/21/17 23:33	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/21/17 23:33	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/21/17 23:33	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/21/17 23:33	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/21/17 23:33	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/21/17 23:33	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/21/17 23:33	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/21/17 23:33	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/21/17 23:33	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/21/17 23:33	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/21/17 23:33	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/21/17 23:33	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 23:33	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 23:33	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 23:33	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/21/17 23:33	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/21/17 23:33	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/21/17 23:33	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/21/17 23:33	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/21/17 23:33	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/21/17 23:33	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/21/17 23:33	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/21/17 23:33	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/21/17 23:33	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/21/17 23:33	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/21/17 23:33	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/21/17 23:33	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/21/17 23:33	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/21/17 23:33	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/21/17 23:33	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/21/17 23:33	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/21/17 23:33	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/21/17 23:33	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/21/17 23:33	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/21/17 23:33	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/21/17 23:33	1634-04-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW8: G031417		Lab ID: 10382245001		Collected: 03/14/17 08:20		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/21/17 23:33	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/21/17 23:33	103-65-1		
Styrene	ND	ug/L	1.0	1		03/21/17 23:33	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/21/17 23:33	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/21/17 23:33	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/21/17 23:33	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/21/17 23:33	109-99-9		
Toluene	ND	ug/L	0.50	1		03/21/17 23:33	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/21/17 23:33	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/21/17 23:33	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/21/17 23:33	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/21/17 23:33	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/21/17 23:33	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/21/17 23:33	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/21/17 23:33	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/21/17 23:33	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/21/17 23:33	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/21/17 23:33	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/21/17 23:33	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/21/17 23:33	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/21/17 23:33	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/21/17 23:33	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-125	1		03/21/17 23:33	17060-07-0		
Toluene-d8 (S)	111	%.	75-125	1		03/21/17 23:33	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		03/21/17 23:33	460-00-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: EB: W031317		Lab ID: 10382245002		Collected: 03/13/17 10:25		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/21/17 07:02	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/21/17 07:02	107-05-1		
Benzene	ND	ug/L	0.50	1		03/21/17 07:02	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/21/17 07:02	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/21/17 07:02	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/21/17 07:02	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/21/17 07:02	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/21/17 07:02	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/21/17 07:02	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/21/17 07:02	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/21/17 07:02	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/21/17 07:02	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/21/17 07:02	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/21/17 07:02	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/21/17 07:02	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/21/17 07:02	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/21/17 07:02	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/21/17 07:02	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/21/17 07:02	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/21/17 07:02	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/21/17 07:02	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/21/17 07:02	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/21/17 07:02	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 07:02	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 07:02	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 07:02	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/21/17 07:02	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/21/17 07:02	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/21/17 07:02	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/21/17 07:02	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/21/17 07:02	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/21/17 07:02	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/21/17 07:02	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/21/17 07:02	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/21/17 07:02	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/21/17 07:02	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/21/17 07:02	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/21/17 07:02	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/21/17 07:02	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/21/17 07:02	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/21/17 07:02	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/21/17 07:02	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/21/17 07:02	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/21/17 07:02	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/21/17 07:02	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/21/17 07:02	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/21/17 07:02	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: EB: W031317		Lab ID: 10382245002		Collected: 03/13/17 10:25		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/21/17 07:02	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/21/17 07:02	103-65-1		
Styrene	ND	ug/L	1.0	1		03/21/17 07:02	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/21/17 07:02	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/21/17 07:02	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/21/17 07:02	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/21/17 07:02	109-99-9		
Toluene	ND	ug/L	0.50	1		03/21/17 07:02	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/21/17 07:02	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/21/17 07:02	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/21/17 07:02	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/21/17 07:02	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/21/17 07:02	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/21/17 07:02	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/21/17 07:02	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/21/17 07:02	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/21/17 07:02	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/21/17 07:02	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/21/17 07:02	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/21/17 07:02	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/21/17 07:02	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/21/17 07:02	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	113	%.	75-125	1		03/21/17 07:02	17060-07-0		
Toluene-d8 (S)	114	%.	75-125	1		03/21/17 07:02	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/21/17 07:02	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW18: G031417		Lab ID: 10382245003		Collected: 03/14/17 09:20		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/21/17 23:55	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/21/17 23:55	107-05-1		
Benzene	ND	ug/L	0.50	1		03/21/17 23:55	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/21/17 23:55	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/21/17 23:55	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/21/17 23:55	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/21/17 23:55	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/21/17 23:55	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/21/17 23:55	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/21/17 23:55	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/21/17 23:55	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/21/17 23:55	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/21/17 23:55	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/21/17 23:55	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/21/17 23:55	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/21/17 23:55	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/21/17 23:55	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/21/17 23:55	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/21/17 23:55	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/21/17 23:55	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/21/17 23:55	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/21/17 23:55	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/21/17 23:55	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 23:55	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 23:55	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/21/17 23:55	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/21/17 23:55	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/21/17 23:55	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/21/17 23:55	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/21/17 23:55	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/21/17 23:55	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/21/17 23:55	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/21/17 23:55	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/21/17 23:55	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/21/17 23:55	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/21/17 23:55	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/21/17 23:55	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/21/17 23:55	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/21/17 23:55	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/21/17 23:55	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/21/17 23:55	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/21/17 23:55	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/21/17 23:55	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/21/17 23:55	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/21/17 23:55	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/21/17 23:55	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/21/17 23:55	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW18: G031417		Lab ID: 10382245003		Collected: 03/14/17 09:20		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/21/17 23:55	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/21/17 23:55	103-65-1		
Styrene	ND	ug/L	1.0	1		03/21/17 23:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/21/17 23:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/21/17 23:55	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/21/17 23:55	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/21/17 23:55	109-99-9		
Toluene	ND	ug/L	0.50	1		03/21/17 23:55	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/21/17 23:55	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/21/17 23:55	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/21/17 23:55	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/21/17 23:55	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/21/17 23:55	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/21/17 23:55	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/21/17 23:55	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/21/17 23:55	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/21/17 23:55	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/21/17 23:55	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/21/17 23:55	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/21/17 23:55	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/21/17 23:55	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/21/17 23:55	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-125	1		03/21/17 23:55	17060-07-0		
Toluene-d8 (S)	111	%.	75-125	1		03/21/17 23:55	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		03/21/17 23:55	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW18D: G031417		Lab ID: 10382245004		Collected: 03/14/17 10:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			03/22/17 00:18	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			03/22/17 00:18	107-05-1	
Benzene	ND	ug/L	0.50	1			03/22/17 00:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			03/22/17 00:18	108-86-1	
Bromochloromethane	ND	ug/L	4.0	1			03/22/17 00:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			03/22/17 00:18	75-27-4	
Bromoform	ND	ug/L	4.0	1			03/22/17 00:18	75-25-2	
Bromomethane	ND	ug/L	4.0	1			03/22/17 00:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			03/22/17 00:18	78-93-3	
n-Butylbenzene	ND	ug/L	4.0	1			03/22/17 00:18	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1			03/22/17 00:18	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1			03/22/17 00:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1			03/22/17 00:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1			03/22/17 00:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1			03/22/17 00:18	75-00-3	
Chloroform	ND	ug/L	1.0	1			03/22/17 00:18	67-66-3	
Chloromethane	ND	ug/L	4.0	1			03/22/17 00:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			03/22/17 00:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1			03/22/17 00:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			03/22/17 00:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1			03/22/17 00:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			03/22/17 00:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			03/22/17 00:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			03/22/17 00:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			03/22/17 00:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			03/22/17 00:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			03/22/17 00:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			03/22/17 00:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			03/22/17 00:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			03/22/17 00:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			03/22/17 00:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			03/22/17 00:18	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			03/22/17 00:18	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			03/22/17 00:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			03/22/17 00:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			03/22/17 00:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			03/22/17 00:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			03/22/17 00:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1			03/22/17 00:18	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			03/22/17 00:18	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			03/22/17 00:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1			03/22/17 00:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1			03/22/17 00:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1			03/22/17 00:18	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			03/22/17 00:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			03/22/17 00:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			03/22/17 00:18	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW18D: G031417		Lab ID: 10382245004		Collected: 03/14/17 10:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/22/17 00:18	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/22/17 00:18	103-65-1		
Styrene	ND	ug/L	1.0	1		03/22/17 00:18	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 00:18	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 00:18	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/22/17 00:18	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/22/17 00:18	109-99-9		
Toluene	ND	ug/L	0.50	1		03/22/17 00:18	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 00:18	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 00:18	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/22/17 00:18	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/22/17 00:18	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/22/17 00:18	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/22/17 00:18	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/22/17 00:18	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/22/17 00:18	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 00:18	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 00:18	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/22/17 00:18	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/22/17 00:18	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/22/17 00:18	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/22/17 00:18	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%.	75-125	1		03/22/17 00:18	17060-07-0		
Toluene-d8 (S)	111	%.	75-125	1		03/22/17 00:18	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		03/22/17 00:18	460-00-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW9: G031417		Lab ID: 10382245005		Collected: 03/14/17 10:28		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/22/17 00:40	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/22/17 00:40	107-05-1		
Benzene	ND	ug/L	0.50	1		03/22/17 00:40	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/22/17 00:40	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/22/17 00:40	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/22/17 00:40	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/22/17 00:40	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/22/17 00:40	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/22/17 00:40	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/22/17 00:40	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/22/17 00:40	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/22/17 00:40	98-06-6		
Carbon tetrachloride	0.75	ug/L	0.50	1		03/22/17 00:40	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/22/17 00:40	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/22/17 00:40	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/22/17 00:40	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/22/17 00:40	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/22/17 00:40	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/22/17 00:40	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/22/17 00:40	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/22/17 00:40	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/22/17 00:40	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/22/17 00:40	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 00:40	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 00:40	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 00:40	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/22/17 00:40	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/22/17 00:40	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/22/17 00:40	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/22/17 00:40	75-35-4		
cis-1,2-Dichloroethene	1.2	ug/L	0.50	1		03/22/17 00:40	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 00:40	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/22/17 00:40	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/22/17 00:40	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/22/17 00:40	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/22/17 00:40	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/22/17 00:40	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/22/17 00:40	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/22/17 00:40	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/22/17 00:40	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/22/17 00:40	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/22/17 00:40	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/22/17 00:40	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/22/17 00:40	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/22/17 00:40	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/22/17 00:40	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/22/17 00:40	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW9: G031417		Lab ID: 10382245005		Collected: 03/14/17 10:28		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/22/17 00:40	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/22/17 00:40	103-65-1		
Styrene	ND	ug/L	1.0	1		03/22/17 00:40	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 00:40	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 00:40	79-34-5		
Tetrachloroethene	69.2	ug/L	0.50	1		03/22/17 00:40	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/22/17 00:40	109-99-9		
Toluene	ND	ug/L	0.50	1		03/22/17 00:40	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 00:40	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 00:40	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/22/17 00:40	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/22/17 00:40	79-00-5		
Trichloroethene	2.0	ug/L	0.40	1		03/22/17 00:40	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/22/17 00:40	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/22/17 00:40	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/22/17 00:40	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 00:40	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 00:40	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/22/17 00:40	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/22/17 00:40	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/22/17 00:40	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/22/17 00:40	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-125	1		03/22/17 00:40	17060-07-0		
Toluene-d8 (S)	110	%.	75-125	1		03/22/17 00:40	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		03/22/17 00:40	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW11: G031417		Lab ID: 10382245006		Collected: 03/14/17 11:31		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/22/17 01:03	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/22/17 01:03	107-05-1		
Benzene	ND	ug/L	0.50	1		03/22/17 01:03	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/22/17 01:03	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/22/17 01:03	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/22/17 01:03	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/22/17 01:03	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/22/17 01:03	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/22/17 01:03	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/22/17 01:03	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/22/17 01:03	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/22/17 01:03	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/22/17 01:03	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/22/17 01:03	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/22/17 01:03	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/22/17 01:03	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/22/17 01:03	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/22/17 01:03	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/22/17 01:03	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/22/17 01:03	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/22/17 01:03	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/22/17 01:03	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/22/17 01:03	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 01:03	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 01:03	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 01:03	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/22/17 01:03	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/22/17 01:03	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/22/17 01:03	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/22/17 01:03	75-35-4		
cis-1,2-Dichloroethene	40.7	ug/L	0.50	1		03/22/17 01:03	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 01:03	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/22/17 01:03	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/22/17 01:03	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/22/17 01:03	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/22/17 01:03	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/22/17 01:03	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/22/17 01:03	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/22/17 01:03	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/22/17 01:03	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/22/17 01:03	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/22/17 01:03	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/22/17 01:03	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/22/17 01:03	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/22/17 01:03	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/22/17 01:03	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/22/17 01:03	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW11: G031417		Lab ID: 10382245006		Collected: 03/14/17 11:31		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/22/17 01:03	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/22/17 01:03	103-65-1		
Styrene	ND	ug/L	1.0	1		03/22/17 01:03	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 01:03	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 01:03	79-34-5		
Tetrachloroethene	246	ug/L	2.5	5		03/22/17 20:08	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/22/17 01:03	109-99-9		
Toluene	ND	ug/L	0.50	1		03/22/17 01:03	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 01:03	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 01:03	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/22/17 01:03	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/22/17 01:03	79-00-5		
Trichloroethene	21.8	ug/L	0.40	1		03/22/17 01:03	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/22/17 01:03	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/22/17 01:03	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/22/17 01:03	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 01:03	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 01:03	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/22/17 01:03	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/22/17 01:03	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/22/17 01:03	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/22/17 01:03	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-125	1		03/22/17 01:03	17060-07-0		
Toluene-d8 (S)	108	%.	75-125	1		03/22/17 01:03	2037-26-5		
4-Bromofluorobenzene (S)	104	%.	75-125	1		03/22/17 01:03	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW4: G031417		Lab ID: 10382245007		Collected: 03/14/17 13:40		Received: 03/18/17 09:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/24/17 14:45	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/24/17 14:45	107-05-1		
Benzene	ND	ug/L	0.50	1		03/24/17 14:45	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/24/17 14:45	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/24/17 14:45	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/24/17 14:45	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/24/17 14:45	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/24/17 14:45	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/24/17 14:45	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/24/17 14:45	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/24/17 14:45	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/24/17 14:45	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/24/17 14:45	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/24/17 14:45	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/24/17 14:45	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/24/17 14:45	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/24/17 14:45	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 14:45	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 14:45	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/24/17 14:45	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/24/17 14:45	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/24/17 14:45	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/24/17 14:45	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 14:45	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 14:45	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 14:45	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/24/17 14:45	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/24/17 14:45	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/24/17 14:45	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/24/17 14:45	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 14:45	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 14:45	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/24/17 14:45	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/24/17 14:45	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/24/17 14:45	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/24/17 14:45	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/24/17 14:45	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 14:45	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 14:45	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/24/17 14:45	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/24/17 14:45	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/24/17 14:45	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/24/17 14:45	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/24/17 14:45	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/24/17 14:45	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/24/17 14:45	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/24/17 14:45	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW4: G031417		Lab ID: 10382245007		Collected: 03/14/17 13:40		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/24/17 14:45	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/24/17 14:45	103-65-1		
Styrene	ND	ug/L	0.50	1		03/24/17 14:45	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 14:45	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 14:45	79-34-5		
Tetrachloroethene	5.6	ug/L	0.50	1		03/24/17 14:45	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/24/17 14:45	109-99-9		
Toluene	ND	ug/L	0.50	1		03/24/17 14:45	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 14:45	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 14:45	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/24/17 14:45	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/24/17 14:45	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/24/17 14:45	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/24/17 14:45	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/24/17 14:45	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/24/17 14:45	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 14:45	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 14:45	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/24/17 14:45	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/24/17 14:45	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/24/17 14:45	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/24/17 14:45	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/24/17 14:45	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		03/24/17 14:45	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/24/17 14:45	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW19: G031417		Lab ID: 10382245008		Collected: 03/14/17 15:11		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/22/17 01:48	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/22/17 01:48	107-05-1		
Benzene	ND	ug/L	0.50	1		03/22/17 01:48	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/22/17 01:48	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/22/17 01:48	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/22/17 01:48	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/22/17 01:48	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/22/17 01:48	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/22/17 01:48	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/22/17 01:48	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/22/17 01:48	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/22/17 01:48	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/22/17 01:48	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/22/17 01:48	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/22/17 01:48	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/22/17 01:48	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/22/17 01:48	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/22/17 01:48	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/22/17 01:48	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/22/17 01:48	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/22/17 01:48	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/22/17 01:48	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/22/17 01:48	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 01:48	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 01:48	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 01:48	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/22/17 01:48	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/22/17 01:48	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/22/17 01:48	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/22/17 01:48	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 01:48	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 01:48	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/22/17 01:48	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/22/17 01:48	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/22/17 01:48	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/22/17 01:48	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/22/17 01:48	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/22/17 01:48	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/22/17 01:48	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/22/17 01:48	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/22/17 01:48	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/22/17 01:48	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/22/17 01:48	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/22/17 01:48	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/22/17 01:48	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/22/17 01:48	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/22/17 01:48	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW19: G031417		Lab ID: 10382245008		Collected: 03/14/17 15:11		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/22/17 01:48	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/22/17 01:48	103-65-1		
Styrene	ND	ug/L	1.0	1		03/22/17 01:48	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 01:48	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 01:48	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/22/17 01:48	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/22/17 01:48	109-99-9		
Toluene	ND	ug/L	0.50	1		03/22/17 01:48	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 01:48	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 01:48	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/22/17 01:48	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/22/17 01:48	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/22/17 01:48	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/22/17 01:48	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/22/17 01:48	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/22/17 01:48	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 01:48	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 01:48	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/22/17 01:48	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/22/17 01:48	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/22/17 01:48	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/22/17 01:48	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-125	1		03/22/17 01:48	17060-07-0		
Toluene-d8 (S)	111	%.	75-125	1		03/22/17 01:48	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/22/17 01:48	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW19D: G031517		Lab ID: 10382245009		Collected: 03/15/17 09:04		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/22/17 02:11	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/22/17 02:11	107-05-1		
Benzene	ND	ug/L	0.50	1		03/22/17 02:11	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/22/17 02:11	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/22/17 02:11	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/22/17 02:11	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/22/17 02:11	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/22/17 02:11	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/22/17 02:11	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/22/17 02:11	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/22/17 02:11	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/22/17 02:11	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/22/17 02:11	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/22/17 02:11	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/22/17 02:11	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/22/17 02:11	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/22/17 02:11	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/22/17 02:11	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/22/17 02:11	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/22/17 02:11	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/22/17 02:11	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/22/17 02:11	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/22/17 02:11	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 02:11	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 02:11	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 02:11	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/22/17 02:11	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/22/17 02:11	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/22/17 02:11	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/22/17 02:11	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 02:11	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 02:11	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/22/17 02:11	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/22/17 02:11	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/22/17 02:11	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/22/17 02:11	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/22/17 02:11	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/22/17 02:11	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/22/17 02:11	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/22/17 02:11	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/22/17 02:11	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/22/17 02:11	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/22/17 02:11	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/22/17 02:11	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/22/17 02:11	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/22/17 02:11	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/22/17 02:11	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW19D: G031517		Lab ID: 10382245009		Collected: 03/15/17 09:04		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/22/17 02:11	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/22/17 02:11	103-65-1		
Styrene	ND	ug/L	1.0	1		03/22/17 02:11	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 02:11	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 02:11	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/22/17 02:11	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/22/17 02:11	109-99-9		
Toluene	ND	ug/L	0.50	1		03/22/17 02:11	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 02:11	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 02:11	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/22/17 02:11	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/22/17 02:11	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/22/17 02:11	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/22/17 02:11	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/22/17 02:11	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/22/17 02:11	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 02:11	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 02:11	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/22/17 02:11	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/22/17 02:11	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/22/17 02:11	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/22/17 02:11	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-125	1		03/22/17 02:11	17060-07-0		
Toluene-d8 (S)	112	%.	75-125	1		03/22/17 02:11	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/22/17 02:11	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW22D: G031417		Lab ID: 10382245010		Collected: 03/14/17 18:18		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/22/17 02:33	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/22/17 02:33	107-05-1		
Benzene	ND	ug/L	0.50	1		03/22/17 02:33	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/22/17 02:33	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/22/17 02:33	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/22/17 02:33	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/22/17 02:33	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/22/17 02:33	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/22/17 02:33	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/22/17 02:33	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/22/17 02:33	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/22/17 02:33	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/22/17 02:33	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/22/17 02:33	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/22/17 02:33	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/22/17 02:33	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/22/17 02:33	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/22/17 02:33	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/22/17 02:33	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/22/17 02:33	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/22/17 02:33	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/22/17 02:33	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/22/17 02:33	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 02:33	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 02:33	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 02:33	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/22/17 02:33	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/22/17 02:33	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/22/17 02:33	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/22/17 02:33	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 02:33	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 02:33	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/22/17 02:33	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/22/17 02:33	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/22/17 02:33	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/22/17 02:33	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/22/17 02:33	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/22/17 02:33	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/22/17 02:33	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/22/17 02:33	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/22/17 02:33	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/22/17 02:33	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/22/17 02:33	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/22/17 02:33	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/22/17 02:33	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/22/17 02:33	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/22/17 02:33	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW22D: G031417		Lab ID: 10382245010		Collected: 03/14/17 18:18		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/22/17 02:33	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/22/17 02:33	103-65-1		
Styrene	ND	ug/L	1.0	1		03/22/17 02:33	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 02:33	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 02:33	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/22/17 02:33	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/22/17 02:33	109-99-9		
Toluene	ND	ug/L	0.50	1		03/22/17 02:33	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 02:33	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 02:33	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/22/17 02:33	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/22/17 02:33	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/22/17 02:33	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/22/17 02:33	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/22/17 02:33	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/22/17 02:33	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 02:33	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 02:33	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/22/17 02:33	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/22/17 02:33	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/22/17 02:33	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/22/17 02:33	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%.	75-125	1		03/22/17 02:33	17060-07-0		
Toluene-d8 (S)	113	%.	75-125	1		03/22/17 02:33	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/22/17 02:33	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW20D: G031417		Lab ID: 10382245011		Collected: 03/14/17 19:22		Received: 03/18/17 09:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			03/22/17 02:56	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			03/22/17 02:56	107-05-1	
Benzene	ND	ug/L	0.50	1			03/22/17 02:56	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			03/22/17 02:56	108-86-1	
Bromochloromethane	ND	ug/L	4.0	1			03/22/17 02:56	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			03/22/17 02:56	75-27-4	
Bromoform	ND	ug/L	4.0	1			03/22/17 02:56	75-25-2	
Bromomethane	ND	ug/L	4.0	1			03/22/17 02:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			03/22/17 02:56	78-93-3	
n-Butylbenzene	ND	ug/L	4.0	1			03/22/17 02:56	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1			03/22/17 02:56	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1			03/22/17 02:56	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1			03/22/17 02:56	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1			03/22/17 02:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1			03/22/17 02:56	75-00-3	
Chloroform	ND	ug/L	1.0	1			03/22/17 02:56	67-66-3	
Chloromethane	ND	ug/L	4.0	1			03/22/17 02:56	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			03/22/17 02:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1			03/22/17 02:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			03/22/17 02:56	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1			03/22/17 02:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			03/22/17 02:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			03/22/17 02:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			03/22/17 02:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			03/22/17 02:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			03/22/17 02:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			03/22/17 02:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			03/22/17 02:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			03/22/17 02:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			03/22/17 02:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			03/22/17 02:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			03/22/17 02:56	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			03/22/17 02:56	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			03/22/17 02:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			03/22/17 02:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			03/22/17 02:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			03/22/17 02:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			03/22/17 02:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1			03/22/17 02:56	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			03/22/17 02:56	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			03/22/17 02:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1			03/22/17 02:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1			03/22/17 02:56	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1			03/22/17 02:56	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			03/22/17 02:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			03/22/17 02:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			03/22/17 02:56	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW20D: G031417		Lab ID: 10382245011		Collected: 03/14/17 19:22		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/22/17 02:56	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/22/17 02:56	103-65-1		
Styrene	ND	ug/L	1.0	1		03/22/17 02:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 02:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 02:56	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/22/17 02:56	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/22/17 02:56	109-99-9		
Toluene	ND	ug/L	0.50	1		03/22/17 02:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 02:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 02:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/22/17 02:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/22/17 02:56	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/22/17 02:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/22/17 02:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/22/17 02:56	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/22/17 02:56	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 02:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 02:56	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/22/17 02:56	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/22/17 02:56	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/22/17 02:56	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/22/17 02:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%.	75-125	1		03/22/17 02:56	17060-07-0		
Toluene-d8 (S)	112	%.	75-125	1		03/22/17 02:56	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/22/17 02:56	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW21D: G031417		Lab ID: 10382245012		Collected: 03/14/17 10:36		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/22/17 03:19	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/22/17 03:19	107-05-1		
Benzene	ND	ug/L	0.50	1		03/22/17 03:19	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/22/17 03:19	108-86-1		
Bromochloromethane	ND	ug/L	4.0	1		03/22/17 03:19	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/22/17 03:19	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/22/17 03:19	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/22/17 03:19	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/22/17 03:19	78-93-3		
n-Butylbenzene	ND	ug/L	4.0	1		03/22/17 03:19	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	1		03/22/17 03:19	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		03/22/17 03:19	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/22/17 03:19	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/22/17 03:19	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/22/17 03:19	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/22/17 03:19	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/22/17 03:19	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/22/17 03:19	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		03/22/17 03:19	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/22/17 03:19	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/22/17 03:19	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/22/17 03:19	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/22/17 03:19	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 03:19	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 03:19	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/22/17 03:19	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/22/17 03:19	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/22/17 03:19	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/22/17 03:19	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/22/17 03:19	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 03:19	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/22/17 03:19	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/22/17 03:19	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/22/17 03:19	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/22/17 03:19	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/22/17 03:19	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/22/17 03:19	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/22/17 03:19	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/22/17 03:19	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/22/17 03:19	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/22/17 03:19	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/22/17 03:19	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		03/22/17 03:19	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	1		03/22/17 03:19	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/22/17 03:19	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/22/17 03:19	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/22/17 03:19	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW21D: G031417		Lab ID: 10382245012		Collected: 03/14/17 10:36		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		03/22/17 03:19	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/22/17 03:19	103-65-1		
Styrene	ND	ug/L	1.0	1		03/22/17 03:19	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 03:19	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/22/17 03:19	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/22/17 03:19	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/22/17 03:19	109-99-9		
Toluene	ND	ug/L	0.50	1		03/22/17 03:19	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 03:19	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1		03/22/17 03:19	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/22/17 03:19	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/22/17 03:19	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/22/17 03:19	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/22/17 03:19	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/22/17 03:19	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/22/17 03:19	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 03:19	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		03/22/17 03:19	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/22/17 03:19	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/22/17 03:19	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/22/17 03:19	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/22/17 03:19	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	110	%.	75-125	1		03/22/17 03:19	17060-07-0		
Toluene-d8 (S)	113	%.	75-125	1		03/22/17 03:19	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/22/17 03:19	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW17: G031517		Lab ID: 10382245013		Collected: 03/15/17 14:44		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/24/17 15:07	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/24/17 15:07	107-05-1		
Benzene	ND	ug/L	0.50	1		03/24/17 15:07	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/24/17 15:07	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/24/17 15:07	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/24/17 15:07	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/24/17 15:07	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/24/17 15:07	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/24/17 15:07	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/24/17 15:07	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/24/17 15:07	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/24/17 15:07	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/24/17 15:07	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/24/17 15:07	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/24/17 15:07	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/24/17 15:07	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/24/17 15:07	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 15:07	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 15:07	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/24/17 15:07	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/24/17 15:07	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/24/17 15:07	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/24/17 15:07	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:07	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:07	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:07	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/24/17 15:07	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/24/17 15:07	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/24/17 15:07	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/24/17 15:07	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 15:07	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 15:07	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/24/17 15:07	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/24/17 15:07	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/24/17 15:07	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/24/17 15:07	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/24/17 15:07	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 15:07	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 15:07	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/24/17 15:07	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/24/17 15:07	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/24/17 15:07	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/24/17 15:07	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/24/17 15:07	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/24/17 15:07	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/24/17 15:07	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/24/17 15:07	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW17: G031517		Lab ID: 10382245013		Collected: 03/15/17 14:44		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/24/17 15:07	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/24/17 15:07	103-65-1		
Styrene	ND	ug/L	0.50	1		03/24/17 15:07	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 15:07	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 15:07	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/24/17 15:07	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/24/17 15:07	109-99-9		
Toluene	ND	ug/L	0.50	1		03/24/17 15:07	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:07	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:07	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/24/17 15:07	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/24/17 15:07	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/24/17 15:07	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/24/17 15:07	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/24/17 15:07	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/24/17 15:07	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 15:07	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 15:07	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/24/17 15:07	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/24/17 15:07	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/24/17 15:07	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/24/17 15:07	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125	1		03/24/17 15:07	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		03/24/17 15:07	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/24/17 15:07	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW17D: G031517		Lab ID: 10382245014		Collected: 03/15/17 13:42		Received: 03/18/17 09:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/24/17 15:29	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/24/17 15:29	107-05-1		
Benzene	ND	ug/L	0.50	1		03/24/17 15:29	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/24/17 15:29	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/24/17 15:29	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/24/17 15:29	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/24/17 15:29	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/24/17 15:29	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/24/17 15:29	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/24/17 15:29	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/24/17 15:29	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/24/17 15:29	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/24/17 15:29	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/24/17 15:29	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/24/17 15:29	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/24/17 15:29	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/24/17 15:29	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 15:29	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 15:29	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/24/17 15:29	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/24/17 15:29	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/24/17 15:29	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/24/17 15:29	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:29	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:29	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:29	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/24/17 15:29	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/24/17 15:29	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/24/17 15:29	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/24/17 15:29	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 15:29	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 15:29	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/24/17 15:29	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/24/17 15:29	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/24/17 15:29	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/24/17 15:29	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/24/17 15:29	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 15:29	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 15:29	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/24/17 15:29	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/24/17 15:29	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/24/17 15:29	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/24/17 15:29	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/24/17 15:29	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/24/17 15:29	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/24/17 15:29	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/24/17 15:29	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW17D: G031517		Lab ID: 10382245014		Collected: 03/15/17 13:42		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/24/17 15:29	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/24/17 15:29	103-65-1		
Styrene	ND	ug/L	0.50	1		03/24/17 15:29	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 15:29	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 15:29	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/24/17 15:29	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/24/17 15:29	109-99-9		
Toluene	ND	ug/L	0.50	1		03/24/17 15:29	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:29	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 15:29	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/24/17 15:29	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/24/17 15:29	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/24/17 15:29	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/24/17 15:29	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/24/17 15:29	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/24/17 15:29	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 15:29	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 15:29	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/24/17 15:29	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/24/17 15:29	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/24/17 15:29	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/24/17 15:29	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/24/17 15:29	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		03/24/17 15:29	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		03/24/17 15:29	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW14: G031517		Lab ID: 10382245015		Collected: 03/15/17 11:48		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/24/17 16:13	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/24/17 16:13	107-05-1		
Benzene	ND	ug/L	0.50	1		03/24/17 16:13	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/24/17 16:13	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/24/17 16:13	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/24/17 16:13	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/24/17 16:13	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/24/17 16:13	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/24/17 16:13	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/24/17 16:13	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/24/17 16:13	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/24/17 16:13	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/24/17 16:13	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/24/17 16:13	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/24/17 16:13	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/24/17 16:13	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/24/17 16:13	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 16:13	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 16:13	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/24/17 16:13	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/24/17 16:13	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/24/17 16:13	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/24/17 16:13	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:13	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:13	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:13	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/24/17 16:13	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/24/17 16:13	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/24/17 16:13	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/24/17 16:13	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 16:13	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 16:13	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/24/17 16:13	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/24/17 16:13	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/24/17 16:13	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/24/17 16:13	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/24/17 16:13	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 16:13	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 16:13	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/24/17 16:13	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/24/17 16:13	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/24/17 16:13	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/24/17 16:13	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/24/17 16:13	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/24/17 16:13	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/24/17 16:13	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/24/17 16:13	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW14: G031517		Lab ID: 10382245015		Collected: 03/15/17 11:48		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/24/17 16:13	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/24/17 16:13	103-65-1		
Styrene	ND	ug/L	0.50	1		03/24/17 16:13	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 16:13	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 16:13	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/24/17 16:13	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/24/17 16:13	109-99-9		
Toluene	ND	ug/L	0.50	1		03/24/17 16:13	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:13	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:13	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/24/17 16:13	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/24/17 16:13	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/24/17 16:13	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/24/17 16:13	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/24/17 16:13	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/24/17 16:13	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 16:13	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 16:13	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/24/17 16:13	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/24/17 16:13	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/24/17 16:13	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/24/17 16:13	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%.	75-125	1		03/24/17 16:13	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		03/24/17 16:13	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/24/17 16:13	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW16: G031517		Lab ID: 10382245016		Collected: 03/15/17 16:22		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/24/17 16:57	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/24/17 16:57	107-05-1		
Benzene	ND	ug/L	0.50	1		03/24/17 16:57	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/24/17 16:57	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/24/17 16:57	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/24/17 16:57	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/24/17 16:57	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/24/17 16:57	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/24/17 16:57	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/24/17 16:57	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/24/17 16:57	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/24/17 16:57	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/24/17 16:57	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/24/17 16:57	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/24/17 16:57	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/24/17 16:57	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/24/17 16:57	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 16:57	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 16:57	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/24/17 16:57	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/24/17 16:57	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/24/17 16:57	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/24/17 16:57	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:57	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:57	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:57	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/24/17 16:57	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/24/17 16:57	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/24/17 16:57	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/24/17 16:57	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 16:57	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 16:57	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/24/17 16:57	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/24/17 16:57	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/24/17 16:57	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/24/17 16:57	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/24/17 16:57	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 16:57	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 16:57	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/24/17 16:57	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/24/17 16:57	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/24/17 16:57	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/24/17 16:57	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/24/17 16:57	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/24/17 16:57	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/24/17 16:57	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/24/17 16:57	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW16: G031517		Lab ID: 10382245016		Collected: 03/15/17 16:22		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/24/17 16:57	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/24/17 16:57	103-65-1		
Styrene	ND	ug/L	0.50	1		03/24/17 16:57	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 16:57	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 16:57	79-34-5		
Tetrachloroethene	3.3	ug/L	0.50	1		03/24/17 16:57	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/24/17 16:57	109-99-9		
Toluene	ND	ug/L	0.50	1		03/24/17 16:57	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:57	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 16:57	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/24/17 16:57	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/24/17 16:57	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/24/17 16:57	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/24/17 16:57	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/24/17 16:57	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/24/17 16:57	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 16:57	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 16:57	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/24/17 16:57	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/24/17 16:57	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/24/17 16:57	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/24/17 16:57	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%.	75-125	1		03/24/17 16:57	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		03/24/17 16:57	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/24/17 16:57	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW10: G031517		Lab ID: 10382245017		Collected: 03/15/17 17:18		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/24/17 17:41	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/24/17 17:41	107-05-1		
Benzene	ND	ug/L	0.50	1		03/24/17 17:41	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/24/17 17:41	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/24/17 17:41	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/24/17 17:41	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/24/17 17:41	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/24/17 17:41	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/24/17 17:41	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/24/17 17:41	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/24/17 17:41	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/24/17 17:41	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/24/17 17:41	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/24/17 17:41	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/24/17 17:41	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/24/17 17:41	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/24/17 17:41	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 17:41	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/24/17 17:41	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/24/17 17:41	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/24/17 17:41	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/24/17 17:41	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/24/17 17:41	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 17:41	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 17:41	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/24/17 17:41	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/24/17 17:41	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/24/17 17:41	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/24/17 17:41	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/24/17 17:41	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 17:41	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/17 17:41	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/24/17 17:41	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/24/17 17:41	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/24/17 17:41	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/24/17 17:41	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/24/17 17:41	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 17:41	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/17 17:41	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/24/17 17:41	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/24/17 17:41	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/24/17 17:41	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/24/17 17:41	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/24/17 17:41	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/24/17 17:41	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/24/17 17:41	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/24/17 17:41	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW10: G031517		Lab ID: 10382245017		Collected: 03/15/17 17:18		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/24/17 17:41	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/24/17 17:41	103-65-1		
Styrene	ND	ug/L	0.50	1		03/24/17 17:41	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 17:41	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/17 17:41	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/24/17 17:41	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/24/17 17:41	109-99-9		
Toluene	ND	ug/L	0.50	1		03/24/17 17:41	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 17:41	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/24/17 17:41	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/24/17 17:41	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/24/17 17:41	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/24/17 17:41	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/24/17 17:41	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/24/17 17:41	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/24/17 17:41	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 17:41	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/24/17 17:41	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/24/17 17:41	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/24/17 17:41	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/24/17 17:41	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/24/17 17:41	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%.	75-125	1		03/24/17 17:41	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		03/24/17 17:41	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/24/17 17:41	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW15D: G031617		Lab ID: 10382245018		Collected: 03/16/17 08:10		Received: 03/18/17 09:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/25/17 06:34	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/25/17 06:34	107-05-1		
Benzene	ND	ug/L	0.50	1		03/25/17 06:34	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/25/17 06:34	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/25/17 06:34	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/25/17 06:34	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/25/17 06:34	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/25/17 06:34	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/25/17 06:34	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/25/17 06:34	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/17 06:34	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/17 06:34	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/25/17 06:34	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/25/17 06:34	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/25/17 06:34	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/25/17 06:34	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/25/17 06:34	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 06:34	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 06:34	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/25/17 06:34	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/25/17 06:34	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/17 06:34	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/25/17 06:34	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:34	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:34	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:34	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/25/17 06:34	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/17 06:34	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/17 06:34	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/17 06:34	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/17 06:34	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/17 06:34	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/25/17 06:34	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/25/17 06:34	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/17 06:34	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/25/17 06:34	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/25/17 06:34	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 06:34	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 06:34	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/25/17 06:34	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/25/17 06:34	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/25/17 06:34	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/17 06:34	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/25/17 06:34	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/25/17 06:34	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/25/17 06:34	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/17 06:34	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW15D: G031617		Lab ID: 10382245018		Collected: 03/16/17 08:10		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/25/17 06:34	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/17 06:34	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/17 06:34	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 06:34	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 06:34	79-34-5		
Tetrachloroethene	18.7	ug/L	0.50	1		03/25/17 06:34	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/25/17 06:34	109-99-9		
Toluene	ND	ug/L	0.50	1		03/25/17 06:34	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:34	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:34	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/17 06:34	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/17 06:34	79-00-5		
Trichloroethene	3.7	ug/L	0.40	1		03/25/17 06:34	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/25/17 06:34	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/25/17 06:34	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/25/17 06:34	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 06:34	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 06:34	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/25/17 06:34	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/25/17 06:34	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/25/17 06:34	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/17 06:34	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%.	75-125	1		03/25/17 06:34	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		03/25/17 06:34	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/25/17 06:34	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW15: G031617		Lab ID: 10382245019		Collected: 03/16/17 08:55		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/25/17 06:56	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/25/17 06:56	107-05-1		
Benzene	ND	ug/L	0.50	1		03/25/17 06:56	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/25/17 06:56	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/25/17 06:56	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/25/17 06:56	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/25/17 06:56	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/25/17 06:56	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/25/17 06:56	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/25/17 06:56	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/17 06:56	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/17 06:56	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/25/17 06:56	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/25/17 06:56	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/25/17 06:56	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/25/17 06:56	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/25/17 06:56	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 06:56	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 06:56	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/25/17 06:56	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/25/17 06:56	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/17 06:56	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/25/17 06:56	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:56	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:56	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:56	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/25/17 06:56	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/17 06:56	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/17 06:56	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/17 06:56	75-35-4		
cis-1,2-Dichloroethene	0.65	ug/L	0.50	1		03/25/17 06:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/17 06:56	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/25/17 06:56	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/25/17 06:56	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/17 06:56	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/25/17 06:56	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/25/17 06:56	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 06:56	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 06:56	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/25/17 06:56	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/25/17 06:56	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/25/17 06:56	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/17 06:56	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/25/17 06:56	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/25/17 06:56	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/25/17 06:56	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/17 06:56	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW15: G031617		Lab ID: 10382245019		Collected: 03/16/17 08:55		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/25/17 06:56	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/17 06:56	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/17 06:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 06:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 06:56	79-34-5		
Tetrachloroethene	523	ug/L	12.5	25		03/27/17 17:12	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/25/17 06:56	109-99-9		
Toluene	ND	ug/L	0.50	1		03/25/17 06:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 06:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/17 06:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/17 06:56	79-00-5		
Trichloroethene	15.8	ug/L	0.40	1		03/25/17 06:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/25/17 06:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/25/17 06:56	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/25/17 06:56	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 06:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 06:56	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/25/17 06:56	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/25/17 06:56	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/25/17 06:56	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/17 06:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%.	75-125	1		03/25/17 06:56	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		03/25/17 06:56	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		03/25/17 06:56	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW101: G031617		Lab ID: 10382245020		Collected: 03/16/17 11:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/25/17 07:18	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/25/17 07:18	107-05-1		
Benzene	ND	ug/L	0.50	1		03/25/17 07:18	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/25/17 07:18	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/25/17 07:18	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/25/17 07:18	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/25/17 07:18	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/25/17 07:18	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/25/17 07:18	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/25/17 07:18	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/17 07:18	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/17 07:18	98-06-6		
Carbon tetrachloride	0.93	ug/L	0.50	1		03/25/17 07:18	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/25/17 07:18	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/25/17 07:18	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/25/17 07:18	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/25/17 07:18	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 07:18	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 07:18	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/25/17 07:18	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/25/17 07:18	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/17 07:18	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/25/17 07:18	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:18	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:18	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:18	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/25/17 07:18	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/17 07:18	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/17 07:18	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/17 07:18	75-35-4		
cis-1,2-Dichloroethene	116	ug/L	0.50	1		03/25/17 07:18	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/17 07:18	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/25/17 07:18	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/25/17 07:18	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/17 07:18	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/25/17 07:18	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/25/17 07:18	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 07:18	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 07:18	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/25/17 07:18	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/25/17 07:18	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/25/17 07:18	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/17 07:18	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/25/17 07:18	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/25/17 07:18	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/25/17 07:18	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/17 07:18	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW101: G031617		Lab ID: 10382245020		Collected: 03/16/17 11:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/25/17 07:18	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/17 07:18	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/17 07:18	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 07:18	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 07:18	79-34-5		
Tetrachloroethene	204	ug/L	2.5	5		03/27/17 16:50	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/25/17 07:18	109-99-9		
Toluene	ND	ug/L	0.50	1		03/25/17 07:18	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:18	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:18	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/17 07:18	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/17 07:18	79-00-5		
Trichloroethene	11.7	ug/L	0.40	1		03/25/17 07:18	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/25/17 07:18	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/25/17 07:18	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/25/17 07:18	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 07:18	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 07:18	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/25/17 07:18	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/25/17 07:18	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/25/17 07:18	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/17 07:18	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%.	75-125	1		03/25/17 07:18	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		03/25/17 07:18	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		03/25/17 07:18	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW23: G031617		Lab ID: 10382245021		Collected: 03/16/17 12:12		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/25/17 07:40	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/25/17 07:40	107-05-1		
Benzene	ND	ug/L	0.50	1		03/25/17 07:40	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/25/17 07:40	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/25/17 07:40	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/25/17 07:40	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/25/17 07:40	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/25/17 07:40	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/25/17 07:40	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/25/17 07:40	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/17 07:40	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/17 07:40	98-06-6		
Carbon tetrachloride	2.8	ug/L	0.50	1		03/25/17 07:40	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/25/17 07:40	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/25/17 07:40	75-00-3		
Chloroform	2.0	ug/L	1.0	1		03/25/17 07:40	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/25/17 07:40	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 07:40	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 07:40	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/25/17 07:40	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/25/17 07:40	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/17 07:40	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/25/17 07:40	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:40	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:40	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:40	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/25/17 07:40	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/17 07:40	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/17 07:40	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/17 07:40	75-35-4		
cis-1,2-Dichloroethene	5.6	ug/L	0.50	1		03/25/17 07:40	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/17 07:40	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/25/17 07:40	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/25/17 07:40	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/17 07:40	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/25/17 07:40	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/25/17 07:40	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 07:40	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 07:40	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/25/17 07:40	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/25/17 07:40	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/25/17 07:40	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/17 07:40	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/25/17 07:40	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/25/17 07:40	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/25/17 07:40	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/17 07:40	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW23: G031617		Lab ID: 10382245021		Collected: 03/16/17 12:12		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/25/17 07:40	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/17 07:40	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/17 07:40	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 07:40	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 07:40	79-34-5		
Tetrachloroethene	572	ug/L	12.5	25		03/27/17 17:34	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/25/17 07:40	109-99-9		
Toluene	ND	ug/L	0.50	1		03/25/17 07:40	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:40	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 07:40	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/17 07:40	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/17 07:40	79-00-5		
Trichloroethene	20.9	ug/L	0.40	1		03/25/17 07:40	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/25/17 07:40	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/25/17 07:40	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/25/17 07:40	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 07:40	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 07:40	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/25/17 07:40	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/25/17 07:40	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/25/17 07:40	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/17 07:40	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%.	75-125	1		03/25/17 07:40	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		03/25/17 07:40	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/25/17 07:40	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW12: G031617		Lab ID: 10382245022		Collected: 03/16/17 14:20		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/27/17 15:44	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/27/17 15:44	107-05-1		
Benzene	ND	ug/L	0.50	1		03/27/17 15:44	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/27/17 15:44	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/27/17 15:44	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/27/17 15:44	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/27/17 15:44	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/27/17 15:44	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/27/17 15:44	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/27/17 15:44	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/27/17 15:44	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/27/17 15:44	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/27/17 15:44	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/27/17 15:44	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/27/17 15:44	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/27/17 15:44	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/27/17 15:44	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 15:44	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 15:44	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/27/17 15:44	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/27/17 15:44	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/27/17 15:44	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/27/17 15:44	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 15:44	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 15:44	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 15:44	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/27/17 15:44	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/27/17 15:44	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/27/17 15:44	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/27/17 15:44	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 15:44	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 15:44	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/27/17 15:44	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/27/17 15:44	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/27/17 15:44	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/27/17 15:44	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/27/17 15:44	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 15:44	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 15:44	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/27/17 15:44	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/27/17 15:44	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/27/17 15:44	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/27/17 15:44	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/27/17 15:44	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/27/17 15:44	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/27/17 15:44	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/27/17 15:44	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW12: G031617		Lab ID: 10382245022		Collected: 03/16/17 14:20		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/27/17 15:44	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/27/17 15:44	103-65-1		
Styrene	ND	ug/L	0.50	1		03/27/17 15:44	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 15:44	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 15:44	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/27/17 15:44	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/27/17 15:44	109-99-9		
Toluene	ND	ug/L	0.50	1		03/27/17 15:44	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 15:44	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 15:44	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/27/17 15:44	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/27/17 15:44	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/27/17 15:44	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/27/17 15:44	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/27/17 15:44	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/27/17 15:44	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 15:44	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 15:44	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/27/17 15:44	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/27/17 15:44	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/27/17 15:44	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/27/17 15:44	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%.	75-125	1		03/27/17 15:44	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		03/27/17 15:44	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/27/17 15:44	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW5: G031617		Lab ID: 10382245023		Collected: 03/16/17 15:25		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/27/17 17:56	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/27/17 17:56	107-05-1		
Benzene	ND	ug/L	0.50	1		03/27/17 17:56	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/27/17 17:56	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/27/17 17:56	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/27/17 17:56	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/27/17 17:56	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/27/17 17:56	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/27/17 17:56	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/27/17 17:56	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/27/17 17:56	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/27/17 17:56	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/27/17 17:56	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/27/17 17:56	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/27/17 17:56	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/27/17 17:56	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/27/17 17:56	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 17:56	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 17:56	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/27/17 17:56	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/27/17 17:56	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/27/17 17:56	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/27/17 17:56	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 17:56	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 17:56	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 17:56	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/27/17 17:56	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/27/17 17:56	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/27/17 17:56	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/27/17 17:56	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 17:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 17:56	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/27/17 17:56	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/27/17 17:56	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/27/17 17:56	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/27/17 17:56	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/27/17 17:56	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 17:56	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 17:56	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/27/17 17:56	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/27/17 17:56	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/27/17 17:56	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/27/17 17:56	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/27/17 17:56	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/27/17 17:56	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/27/17 17:56	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/27/17 17:56	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW5: G031617		Lab ID: 10382245023		Collected: 03/16/17 15:25		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/27/17 17:56	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/27/17 17:56	103-65-1		
Styrene	ND	ug/L	0.50	1		03/27/17 17:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 17:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 17:56	79-34-5		
Tetrachloroethene	21.1	ug/L	0.50	1		03/27/17 17:56	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/27/17 17:56	109-99-9		
Toluene	ND	ug/L	0.50	1		03/27/17 17:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 17:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 17:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/27/17 17:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/27/17 17:56	79-00-5		
Trichloroethene	0.48	ug/L	0.40	1		03/27/17 17:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/27/17 17:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/27/17 17:56	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/27/17 17:56	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 17:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 17:56	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/27/17 17:56	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/27/17 17:56	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/27/17 17:56	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/27/17 17:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125	1		03/27/17 17:56	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		03/27/17 17:56	2037-26-5		
4-Bromofluorobenzene (S)	98	%.	75-125	1		03/27/17 17:56	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW6: G031617		Lab ID: 10382245024		Collected: 03/16/17 18:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/27/17 18:18	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/27/17 18:18	107-05-1		
Benzene	ND	ug/L	0.50	1		03/27/17 18:18	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/27/17 18:18	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/27/17 18:18	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/27/17 18:18	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/27/17 18:18	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/27/17 18:18	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/27/17 18:18	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/27/17 18:18	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/27/17 18:18	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/27/17 18:18	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/27/17 18:18	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/27/17 18:18	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/27/17 18:18	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/27/17 18:18	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/27/17 18:18	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 18:18	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 18:18	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/27/17 18:18	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/27/17 18:18	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/27/17 18:18	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/27/17 18:18	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 18:18	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 18:18	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 18:18	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/27/17 18:18	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/27/17 18:18	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/27/17 18:18	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/27/17 18:18	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 18:18	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 18:18	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/27/17 18:18	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/27/17 18:18	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/27/17 18:18	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/27/17 18:18	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/27/17 18:18	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 18:18	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 18:18	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/27/17 18:18	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/27/17 18:18	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/27/17 18:18	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/27/17 18:18	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/27/17 18:18	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/27/17 18:18	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/27/17 18:18	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/27/17 18:18	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW6: G031617		Lab ID: 10382245024		Collected: 03/16/17 18:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/27/17 18:18	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/27/17 18:18	103-65-1		
Styrene	ND	ug/L	0.50	1		03/27/17 18:18	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 18:18	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 18:18	79-34-5		
Tetrachloroethene	44.2	ug/L	0.50	1		03/27/17 18:18	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/27/17 18:18	109-99-9		
Toluene	ND	ug/L	0.50	1		03/27/17 18:18	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 18:18	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 18:18	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/27/17 18:18	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/27/17 18:18	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/27/17 18:18	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/27/17 18:18	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/27/17 18:18	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/27/17 18:18	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 18:18	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 18:18	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/27/17 18:18	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/27/17 18:18	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/27/17 18:18	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/27/17 18:18	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%.	75-125	1		03/27/17 18:18	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		03/27/17 18:18	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		03/27/17 18:18	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW1D: G031617		Lab ID: 10382245025		Collected: 03/16/17 19:10		Received: 03/18/17 09:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			03/27/17 18:40	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			03/27/17 18:40	107-05-1	
Benzene	ND	ug/L	0.50	1			03/27/17 18:40	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			03/27/17 18:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			03/27/17 18:40	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			03/27/17 18:40	75-27-4	
Bromoform	ND	ug/L	4.0	1			03/27/17 18:40	75-25-2	
Bromomethane	ND	ug/L	4.0	1			03/27/17 18:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			03/27/17 18:40	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			03/27/17 18:40	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			03/27/17 18:40	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			03/27/17 18:40	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1			03/27/17 18:40	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1			03/27/17 18:40	108-90-7	
Chloroethane	ND	ug/L	1.0	1			03/27/17 18:40	75-00-3	
Chloroform	ND	ug/L	1.0	1			03/27/17 18:40	67-66-3	
Chloromethane	ND	ug/L	4.0	1			03/27/17 18:40	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			03/27/17 18:40	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			03/27/17 18:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			03/27/17 18:40	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1			03/27/17 18:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			03/27/17 18:40	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			03/27/17 18:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			03/27/17 18:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			03/27/17 18:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			03/27/17 18:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			03/27/17 18:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			03/27/17 18:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			03/27/17 18:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			03/27/17 18:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			03/27/17 18:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			03/27/17 18:40	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			03/27/17 18:40	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			03/27/17 18:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			03/27/17 18:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			03/27/17 18:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			03/27/17 18:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			03/27/17 18:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			03/27/17 18:40	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			03/27/17 18:40	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			03/27/17 18:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1			03/27/17 18:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			03/27/17 18:40	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			03/27/17 18:40	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			03/27/17 18:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			03/27/17 18:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			03/27/17 18:40	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW1D: G031617		Lab ID: 10382245025		Collected: 03/16/17 19:10		Received: 03/18/17 09:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1			03/27/17 18:40	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1			03/27/17 18:40	103-65-1	
Styrene	ND	ug/L	0.50	1			03/27/17 18:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1			03/27/17 18:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1			03/27/17 18:40	79-34-5	
Tetrachloroethene	3.4	ug/L	0.50	1			03/27/17 18:40	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1			03/27/17 18:40	109-99-9	
Toluene	ND	ug/L	0.50	1			03/27/17 18:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1			03/27/17 18:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1			03/27/17 18:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1			03/27/17 18:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1			03/27/17 18:40	79-00-5	
Trichloroethene	ND	ug/L	0.40	1			03/27/17 18:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	0.50	1			03/27/17 18:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1			03/27/17 18:40	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1			03/27/17 18:40	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1			03/27/17 18:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1			03/27/17 18:40	108-67-8	
Vinyl chloride	ND	ug/L	0.20	1			03/27/17 18:40	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1			03/27/17 18:40	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	1			03/27/17 18:40	179601-23-1	
o-Xylene	ND	ug/L	0.50	1			03/27/17 18:40	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125	1			03/27/17 18:40	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1			03/27/17 18:40	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1			03/27/17 18:40	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: EB2: W031617		Lab ID: 10382245026		Collected: 03/16/17 19:35		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/27/17 19:02	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/27/17 19:02	107-05-1		
Benzene	ND	ug/L	0.50	1		03/27/17 19:02	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/27/17 19:02	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/27/17 19:02	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/27/17 19:02	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/27/17 19:02	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/27/17 19:02	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/27/17 19:02	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:02	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:02	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:02	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/27/17 19:02	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/27/17 19:02	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/27/17 19:02	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/27/17 19:02	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/27/17 19:02	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 19:02	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 19:02	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/27/17 19:02	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/27/17 19:02	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/27/17 19:02	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/27/17 19:02	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:02	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:02	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:02	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/27/17 19:02	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/27/17 19:02	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/27/17 19:02	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/27/17 19:02	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 19:02	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 19:02	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/27/17 19:02	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/27/17 19:02	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/27/17 19:02	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/27/17 19:02	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:02	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:02	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:02	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/27/17 19:02	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/27/17 19:02	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/27/17 19:02	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/27/17 19:02	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/27/17 19:02	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/27/17 19:02	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/27/17 19:02	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/27/17 19:02	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: EB2: W031617		Lab ID: 10382245026		Collected: 03/16/17 19:35		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/27/17 19:02	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/27/17 19:02	103-65-1		
Styrene	ND	ug/L	0.50	1		03/27/17 19:02	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 19:02	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 19:02	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/27/17 19:02	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/27/17 19:02	109-99-9		
Toluene	ND	ug/L	0.50	1		03/27/17 19:02	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:02	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:02	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/27/17 19:02	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/27/17 19:02	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/27/17 19:02	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/27/17 19:02	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/27/17 19:02	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/27/17 19:02	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 19:02	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 19:02	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/27/17 19:02	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/27/17 19:02	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/27/17 19:02	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/27/17 19:02	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125	1		03/27/17 19:02	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		03/27/17 19:02	2037-26-5		
4-Bromofluorobenzene (S)	98	%.	75-125	1		03/27/17 19:02	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW13: G031717		Lab ID: 10382245027		Collected: 03/17/17 09:33		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		03/27/17 19:24	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/27/17 19:24	107-05-1		
Benzene	ND	ug/L	0.50	1		03/27/17 19:24	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/27/17 19:24	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/27/17 19:24	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/27/17 19:24	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/27/17 19:24	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/27/17 19:24	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/27/17 19:24	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:24	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:24	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:24	98-06-6		
Carbon tetrachloride	0.88	ug/L	0.50	1		03/27/17 19:24	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/27/17 19:24	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/27/17 19:24	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/27/17 19:24	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/27/17 19:24	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 19:24	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 19:24	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/27/17 19:24	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/27/17 19:24	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/27/17 19:24	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/27/17 19:24	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:24	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:24	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:24	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/27/17 19:24	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/27/17 19:24	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/27/17 19:24	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/27/17 19:24	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 19:24	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 19:24	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/27/17 19:24	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/27/17 19:24	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/27/17 19:24	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/27/17 19:24	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:24	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:24	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:24	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/27/17 19:24	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/27/17 19:24	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/27/17 19:24	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/27/17 19:24	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/27/17 19:24	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/27/17 19:24	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/27/17 19:24	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/27/17 19:24	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW13: G031717		Lab ID: 10382245027		Collected: 03/17/17 09:33		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/27/17 19:24	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/27/17 19:24	103-65-1		
Styrene	ND	ug/L	0.50	1		03/27/17 19:24	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 19:24	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 19:24	79-34-5		
Tetrachloroethene	39.5	ug/L	0.50	1		03/27/17 19:24	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/27/17 19:24	109-99-9		
Toluene	ND	ug/L	0.50	1		03/27/17 19:24	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:24	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:24	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/27/17 19:24	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/27/17 19:24	79-00-5		
Trichloroethene	0.45	ug/L	0.40	1		03/27/17 19:24	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/27/17 19:24	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/27/17 19:24	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/27/17 19:24	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 19:24	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 19:24	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/27/17 19:24	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/27/17 19:24	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/27/17 19:24	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/27/17 19:24	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125	1		03/27/17 19:24	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		03/27/17 19:24	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		03/27/17 19:24	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW1: G031717		Lab ID: 10382245028	Collected: 03/17/17 10:33	Received: 03/18/17 09:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	2080	ug/L	100	5		03/28/17 20:34	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		03/27/17 19:46	107-05-1	
Benzene	1.1	ug/L	0.50	1		03/27/17 19:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		03/27/17 19:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		03/27/17 19:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		03/27/17 19:46	75-27-4	
Bromoform	ND	ug/L	4.0	1		03/27/17 19:46	75-25-2	
Bromomethane	ND	ug/L	4.0	1		03/27/17 19:46	74-83-9	
2-Butanone (MEK)	1410	ug/L	25.0	5		03/28/17 20:34	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		03/27/17 19:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		03/27/17 19:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		03/27/17 19:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/27/17 19:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/27/17 19:46	67-66-3	
Chloromethane	ND	ug/L	4.0	1		03/27/17 19:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 19:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 19:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/27/17 19:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		03/27/17 19:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/27/17 19:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/27/17 19:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/27/17 19:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		03/27/17 19:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		03/27/17 19:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		03/27/17 19:46	75-35-4	
cis-1,2-Dichloroethene	365	ug/L	2.5	5		03/28/17 20:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 19:46	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		03/27/17 19:46	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		03/27/17 19:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		03/27/17 19:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		03/27/17 19:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 19:46	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/27/17 19:46	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		03/27/17 19:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/27/17 19:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/27/17 19:46	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		03/27/17 19:46	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		03/27/17 19:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/27/17 19:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/27/17 19:46	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: MW1: G031717		Lab ID: 10382245028		Collected: 03/17/17 10:33		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/27/17 19:46	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/27/17 19:46	103-65-1		
Styrene	ND	ug/L	0.50	1		03/27/17 19:46	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 19:46	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 19:46	79-34-5		
Tetrachloroethene	670	ug/L	5.0	10		03/29/17 19:40	127-18-4		
Tetrahydrofuran	62.7	ug/L	10.0	1		03/27/17 19:46	109-99-9		
Toluene	ND	ug/L	0.50	1		03/27/17 19:46	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:46	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 19:46	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/27/17 19:46	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/27/17 19:46	79-00-5		
Trichloroethene	73.7	ug/L	0.40	1		03/27/17 19:46	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/27/17 19:46	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/27/17 19:46	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/27/17 19:46	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 19:46	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 19:46	108-67-8		
Vinyl chloride	3.2	ug/L	0.20	1		03/27/17 19:46	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/27/17 19:46	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/27/17 19:46	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/27/17 19:46	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%.	75-125	1		03/27/17 19:46	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		03/27/17 19:46	2037-26-5		
4-Bromofluorobenzene (S)	105	%.	75-125	1		03/27/17 19:46	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: FD: G031617		Lab ID: 10382245029		Collected: 03/16/17 00:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		03/27/17 20:08	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/27/17 20:08	107-05-1		
Benzene	ND	ug/L	0.50	1		03/27/17 20:08	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/27/17 20:08	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/27/17 20:08	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/27/17 20:08	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/27/17 20:08	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/27/17 20:08	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		03/27/17 20:08	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/27/17 20:08	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/27/17 20:08	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/27/17 20:08	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/27/17 20:08	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/27/17 20:08	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/27/17 20:08	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/27/17 20:08	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/27/17 20:08	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 20:08	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 20:08	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/27/17 20:08	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/27/17 20:08	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/27/17 20:08	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/27/17 20:08	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:08	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:08	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:08	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/27/17 20:08	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/27/17 20:08	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/27/17 20:08	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/27/17 20:08	75-35-4		
cis-1,2-Dichloroethene	1.3	ug/L	0.50	1		03/27/17 20:08	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 20:08	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/27/17 20:08	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/27/17 20:08	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/27/17 20:08	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/27/17 20:08	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/27/17 20:08	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 20:08	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 20:08	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/27/17 20:08	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/27/17 20:08	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/27/17 20:08	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/27/17 20:08	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/27/17 20:08	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/27/17 20:08	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/27/17 20:08	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/27/17 20:08	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: FD: G031617		Lab ID: 10382245029		Collected: 03/16/17 00:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/27/17 20:08	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/27/17 20:08	103-65-1		
Styrene	ND	ug/L	0.50	1		03/27/17 20:08	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 20:08	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 20:08	79-34-5		
Tetrachloroethene	504	ug/L	5.0	10		03/29/17 19:56	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/27/17 20:08	109-99-9		
Toluene	ND	ug/L	0.50	1		03/27/17 20:08	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:08	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:08	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/27/17 20:08	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/27/17 20:08	79-00-5		
Trichloroethene	15.5	ug/L	0.40	1		03/27/17 20:08	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/27/17 20:08	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/27/17 20:08	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/27/17 20:08	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 20:08	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 20:08	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/27/17 20:08	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/27/17 20:08	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/27/17 20:08	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/27/17 20:08	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%.	75-125	1		03/27/17 20:08	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		03/27/17 20:08	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		03/27/17 20:08	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: FD2: G031717		Lab ID: 10382245030		Collected: 03/17/17 00:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	2100	ug/L	100	5		03/28/17 20:56	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		03/27/17 20:30	107-05-1		
Benzene	1.0	ug/L	0.50	1		03/27/17 20:30	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/27/17 20:30	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		03/27/17 20:30	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/27/17 20:30	75-27-4		
Bromoform	ND	ug/L	4.0	1		03/27/17 20:30	75-25-2		
Bromomethane	ND	ug/L	4.0	1		03/27/17 20:30	74-83-9		
2-Butanone (MEK)	1480	ug/L	25.0	5		03/28/17 20:56	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		03/27/17 20:30	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/27/17 20:30	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/27/17 20:30	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/27/17 20:30	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/27/17 20:30	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/27/17 20:30	75-00-3		
Chloroform	ND	ug/L	1.0	1		03/27/17 20:30	67-66-3		
Chloromethane	ND	ug/L	4.0	1		03/27/17 20:30	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 20:30	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/27/17 20:30	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/27/17 20:30	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/27/17 20:30	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/27/17 20:30	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		03/27/17 20:30	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:30	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:30	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:30	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/27/17 20:30	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/27/17 20:30	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/27/17 20:30	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/27/17 20:30	75-35-4		
cis-1,2-Dichloroethene	404	ug/L	2.5	5		03/28/17 20:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/27/17 20:30	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		03/27/17 20:30	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		03/27/17 20:30	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/27/17 20:30	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		03/27/17 20:30	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		03/27/17 20:30	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 20:30	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/27/17 20:30	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/27/17 20:30	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		03/27/17 20:30	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/27/17 20:30	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/27/17 20:30	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		03/27/17 20:30	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		03/27/17 20:30	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/27/17 20:30	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/27/17 20:30	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: FD2: G031717		Lab ID: 10382245030		Collected: 03/17/17 00:00		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/27/17 20:30	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/27/17 20:30	103-65-1		
Styrene	ND	ug/L	0.50	1		03/27/17 20:30	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 20:30	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/27/17 20:30	79-34-5		
Tetrachloroethene	681	ug/L	5.0	10		03/29/17 20:12	127-18-4		
Tetrahydrofuran	57.5	ug/L	10.0	1		03/27/17 20:30	109-99-9		
Toluene	ND	ug/L	0.50	1		03/27/17 20:30	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:30	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/27/17 20:30	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/27/17 20:30	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/27/17 20:30	79-00-5		
Trichloroethene	73.1	ug/L	0.40	1		03/27/17 20:30	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/27/17 20:30	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/27/17 20:30	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/27/17 20:30	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 20:30	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/27/17 20:30	108-67-8		
Vinyl chloride	3.2	ug/L	0.20	1		03/27/17 20:30	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/27/17 20:30	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/27/17 20:30	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/27/17 20:30	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%.	75-125	1		03/27/17 20:30	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		03/27/17 20:30	2037-26-5		
4-Bromofluorobenzene (S)	105	%.	75-125	1		03/27/17 20:30	460-00-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: Field Blanks		Lab ID: 10382245031	Collected: 03/15/17 07:49	Received: 03/18/17 09:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		03/25/17 03:37	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		03/25/17 03:37	107-05-1	
Benzene	ND	ug/L	0.50	1		03/25/17 03:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		03/25/17 03:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		03/25/17 03:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		03/25/17 03:37	75-27-4	
Bromoform	ND	ug/L	4.0	1		03/25/17 03:37	75-25-2	
Bromomethane	ND	ug/L	4.0	1		03/25/17 03:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		03/25/17 03:37	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		03/25/17 03:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/17 03:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/17 03:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		03/25/17 03:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		03/25/17 03:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/25/17 03:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/25/17 03:37	67-66-3	
Chloromethane	ND	ug/L	4.0	1		03/25/17 03:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 03:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/17 03:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		03/25/17 03:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		03/25/17 03:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/17 03:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/25/17 03:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 03:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 03:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/17 03:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		03/25/17 03:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/17 03:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/17 03:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/17 03:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/17 03:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/17 03:37	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		03/25/17 03:37	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		03/25/17 03:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/17 03:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		03/25/17 03:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		03/25/17 03:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 03:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/17 03:37	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		03/25/17 03:37	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		03/25/17 03:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		03/25/17 03:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/17 03:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		03/25/17 03:37	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		03/25/17 03:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/25/17 03:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/17 03:37	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10382245

Sample: Field Blanks		Lab ID: 10382245031		Collected: 03/15/17 07:49		Received: 03/18/17 09:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		03/25/17 03:37	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/17 03:37	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/17 03:37	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 03:37	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/17 03:37	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/25/17 03:37	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		03/25/17 03:37	109-99-9		
Toluene	ND	ug/L	0.50	1		03/25/17 03:37	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 03:37	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		03/25/17 03:37	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/17 03:37	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/17 03:37	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		03/25/17 03:37	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		03/25/17 03:37	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		03/25/17 03:37	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		03/25/17 03:37	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 03:37	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/17 03:37	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		03/25/17 03:37	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		03/25/17 03:37	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		03/25/17 03:37	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/17 03:37	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/25/17 03:37	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		03/25/17 03:37	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/25/17 03:37	460-00-4		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

QC Batch: 464754

Analysis Method: EPA 8260B

QC Batch Method: EPA 8260B

Analysis Description: 8260 MSV LL Water

Associated Lab Samples: 10382245002

METHOD BLANK: 2541134

Matrix: Water

Associated Lab Samples: 10382245002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/20/17 23:07	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/20/17 23:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/20/17 23:07	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/20/17 23:07	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	03/20/17 23:07	
1,1-Dichloroethane	ug/L	ND	0.50	03/20/17 23:07	
1,1-Dichloroethene	ug/L	ND	0.50	03/20/17 23:07	
1,1-Dichloropropene	ug/L	ND	0.50	03/20/17 23:07	
1,2,3-Trichlorobenzene	ug/L	ND	4.0	03/20/17 23:07	MN
1,2,3-Trichloropropane	ug/L	ND	4.0	03/20/17 23:07	
1,2,4-Trichlorobenzene	ug/L	ND	4.0	03/20/17 23:07	MN
1,2,4-Trimethylbenzene	ug/L	ND	1.0	03/20/17 23:07	MN
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	03/20/17 23:07	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/20/17 23:07	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/20/17 23:07	
1,2-Dichloroethane	ug/L	ND	0.50	03/20/17 23:07	
1,2-Dichloropropane	ug/L	ND	4.0	03/20/17 23:07	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	03/20/17 23:07	MN
1,3-Dichlorobenzene	ug/L	ND	0.50	03/20/17 23:07	
1,3-Dichloropropane	ug/L	ND	0.50	03/20/17 23:07	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/20/17 23:07	
2,2-Dichloropropane	ug/L	ND	1.0	03/20/17 23:07	
2-Butanone (MEK)	ug/L	ND	5.0	03/20/17 23:07	
2-Chlorotoluene	ug/L	ND	0.50	03/20/17 23:07	
4-Chlorotoluene	ug/L	ND	1.0	03/20/17 23:07	MN
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	03/20/17 23:07	
Acetone	ug/L	ND	20.0	03/20/17 23:07	
Allyl chloride	ug/L	ND	4.0	03/20/17 23:07	
Benzene	ug/L	ND	0.50	03/20/17 23:07	
Bromobenzene	ug/L	ND	0.50	03/20/17 23:07	
Bromochloromethane	ug/L	ND	4.0	03/20/17 23:07	MN
Bromodichloromethane	ug/L	ND	0.50	03/20/17 23:07	
Bromoform	ug/L	ND	4.0	03/20/17 23:07	
Bromomethane	ug/L	ND	4.0	03/20/17 23:07	
Carbon tetrachloride	ug/L	ND	0.50	03/20/17 23:07	
Chlorobenzene	ug/L	ND	0.50	03/20/17 23:07	
Chloroethane	ug/L	ND	1.0	03/20/17 23:07	
Chloroform	ug/L	ND	1.0	03/20/17 23:07	
Chloromethane	ug/L	ND	4.0	03/20/17 23:07	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/20/17 23:07	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/20/17 23:07	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

METHOD BLANK: 2541134

Matrix: Water

Associated Lab Samples: 10382245002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	0.50	03/20/17 23:07	
Dibromomethane	ug/L	ND	1.0	03/20/17 23:07	
Dichlorodifluoromethane	ug/L	ND	1.0	03/20/17 23:07	
Dichlorofluoromethane	ug/L	ND	1.0	03/20/17 23:07	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	03/20/17 23:07	
Ethylbenzene	ug/L	ND	0.50	03/20/17 23:07	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	03/20/17 23:07	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	03/20/17 23:07	MN
m&p-Xylene	ug/L	ND	2.0	03/20/17 23:07	MN
Methyl-tert-butyl ether	ug/L	ND	0.50	03/20/17 23:07	
Methylene Chloride	ug/L	ND	4.0	03/20/17 23:07	
n-Butylbenzene	ug/L	ND	4.0	03/20/17 23:07	MN
n-Propylbenzene	ug/L	ND	0.50	03/20/17 23:07	
Naphthalene	ug/L	ND	4.0	03/20/17 23:07	MN
o-Xylene	ug/L	ND	1.0	03/20/17 23:07	MN
p-Isopropyltoluene	ug/L	ND	1.0	03/20/17 23:07	MN
sec-Butylbenzene	ug/L	ND	1.0	03/20/17 23:07	MN
Styrene	ug/L	ND	1.0	03/20/17 23:07	MN
tert-Butylbenzene	ug/L	ND	1.0	03/20/17 23:07	MN
Tetrachloroethene	ug/L	ND	0.50	03/20/17 23:07	
Tetrahydrofuran	ug/L	ND	10.0	03/20/17 23:07	
Toluene	ug/L	ND	0.50	03/20/17 23:07	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/20/17 23:07	
trans-1,3-Dichloropropene	ug/L	ND	1.0	03/20/17 23:07	MN
Trichloroethene	ug/L	ND	0.40	03/20/17 23:07	
Trichlorofluoromethane	ug/L	ND	0.50	03/20/17 23:07	
Vinyl chloride	ug/L	ND	0.20	03/20/17 23:07	
Xylene (Total)	ug/L	ND	1.5	03/20/17 23:07	
1,2-Dichloroethane-d4 (S)	%	114	75-125	03/20/17 23:07	
4-Bromofluorobenzene (S)	%	101	75-125	03/20/17 23:07	
Toluene-d8 (S)	%	114	75-125	03/20/17 23:07	

LABORATORY CONTROL SAMPLE & LCSD: 2541135

2541136

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	23.2	22.3	116	111	75-125	4	30	
1,1,1-Trichloroethane	ug/L	20	22.5	22.0	113	110	74-125	2	30	
1,1,2,2-Tetrachloroethane	ug/L	20	22.9	22.6	114	113	67-131	1	30	
1,1,2-Trichloroethane	ug/L	20	23.6	22.8	118	114	75-125	4	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.9	18.3	99	92	75-125	8	30	
1,1-Dichloroethane	ug/L	20	23.4	22.4	117	112	74-125	4	30	
1,1-Dichloroethene	ug/L	20	22.1	20.5	110	102	74-125	7	30	
1,1-Dichloropropene	ug/L	20	20.0	20.9	100	104	74-125	5	30	
1,2,3-Trichlorobenzene	ug/L	20	19.6	20.9	98	104	63-131	6	30	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE & LCSD: 2541135			2541136							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	20	22.3	22.3	111	112	73-125	0	30	
1,2,4-Trichlorobenzene	ug/L	20	18.0	19.1	90	95	66-126	6	30	
1,2,4-Trimethylbenzene	ug/L	20	20.0	20.2	100	101	74-129	1	30	
1,2-Dibromo-3-chloropropane	ug/L	50	50.9	50.6	102	101	54-129	0	30	
1,2-Dibromoethane (EDB)	ug/L	20	21.8	22.1	109	110	75-125	1	30	
1,2-Dichlorobenzene	ug/L	20	22.7	22.8	113	114	75-125	1	30	
1,2-Dichloroethane	ug/L	20	20.2	20.2	101	101	75-125	0	30	
1,2-Dichloropropane	ug/L	20	21.5	20.9	107	104	75-125	3	30	
1,3,5-Trimethylbenzene	ug/L	20	20.8	20.7	104	104	73-127	0	30	
1,3-Dichlorobenzene	ug/L	20	23.1	22.8	116	114	75-125	1	30	
1,3-Dichloropropane	ug/L	20	22.2	22.0	111	110	69-125	1	30	
1,4-Dichlorobenzene	ug/L	20	22.2	22.5	111	112	75-125	1	30	
2,2-Dichloropropane	ug/L	20	21.5	20.7	107	103	69-125	4	30	
2-Butanone (MEK)	ug/L	100	101	99.4	101	99	48-145	1	30	
2-Chlorotoluene	ug/L	20	23.1	22.8	116	114	74-125	1	30	
4-Chlorotoluene	ug/L	20	21.1	20.9	106	104	73-125	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	113	106	113	106	53-138	6	30	
Acetone	ug/L	100	95.8	100	96	100	70-142	5	30	
Allyl chloride	ug/L	20	21.0	19.9	105	100	61-127	5	30	
Benzene	ug/L	20	19.8	20.5	99	103	65-125	4	30	
Bromobenzene	ug/L	20	22.8	22.9	114	115	75-125	1	30	
Bromochloromethane	ug/L	20	21.4	20.8	107	104	75-125	3	30	
Bromodichloromethane	ug/L	20	21.0	20.2	105	101	73-125	4	30	
Bromoform	ug/L	20	21.9	21.8	110	109	69-125	0	30	
Bromomethane	ug/L	20	20.0	21.5	100	108	40-136	7	30	
Carbon tetrachloride	ug/L	20	21.9	21.4	109	107	70-125	2	30	
Chlorobenzene	ug/L	20	21.4	21.5	107	107	75-125	0	30	
Chloroethane	ug/L	20	21.1	19.6	106	98	67-141	8	30	
Chloroform	ug/L	20	21.5	21.0	108	105	75-125	2	30	
Chloromethane	ug/L	20	21.9	18.9	109	95	50-150	15	30	
cis-1,2-Dichloroethene	ug/L	20	22.0	21.4	110	107	75-125	3	30	
cis-1,3-Dichloropropene	ug/L	20	22.2	20.7	111	103	75-125	7	30	
Dibromochloromethane	ug/L	20	22.5	22.3	113	111	75-125	1	30	
Dibromomethane	ug/L	20	21.3	21.2	107	106	75-129	1	30	
Dichlorodifluoromethane	ug/L	20	18.1	16.8	90	84	59-135	7	30	
Dichlorofluoromethane	ug/L	20	22.2	20.6	111	103	74-130	8	30	
Diethyl ether (Ethyl ether)	ug/L	20	21.5	20.4	107	102	66-132	5	30	
Ethylbenzene	ug/L	20	22.1	21.6	110	108	75-125	2	30	
Hexachloro-1,3-butadiene	ug/L	20	22.6	25.0	113	125	72-126	10	30	
Isopropylbenzene (Cumene)	ug/L	20	19.0	18.8	95	94	71-136	1	30	
m&p-Xylene	ug/L	40	41.3	40.7	103	102	75-125	1	30	
Methyl-tert-butyl ether	ug/L	20	22.5	22.1	113	110	73-127	2	30	
Methylene Chloride	ug/L	20	21.6	20.0	108	100	68-128	8	30	
n-Butylbenzene	ug/L	20	18.3	18.6	92	93	70-126	2	30	
n-Propylbenzene	ug/L	20	22.6	22.5	113	112	67-131	1	30	
Naphthalene	ug/L	20	16.2	16.8	81	84	52-134	4	30	
o-Xylene	ug/L	20	18.6	18.5	93	93	75-125	0	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE & LCSD: 2541135			2541136							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	20	20.3	20.5	101	102	74-125	1	30	
sec-Butylbenzene	ug/L	20	20.1	20.3	100	101	69-134	1	30	
Styrene	ug/L	20	19.9	19.6	100	98	75-125	1	30	
tert-Butylbenzene	ug/L	20	19.5	19.2	98	96	71-128	2	30	
Tetrachloroethene	ug/L	20	22.4	22.2	112	111	74-125	1	30	
Tetrahydrofuran	ug/L	200	167	196	83	98	64-142	16	30	
Toluene	ug/L	20	21.2	21.2	106	106	75-125	0	30	
trans-1,2-Dichloroethene	ug/L	20	22.2	20.7	111	104	73-125	7	30	
trans-1,3-Dichloropropene	ug/L	20	21.4	21.1	107	105	75-125	1	30	
Trichloroethene	ug/L	20	21.5	20.9	107	104	75-125	3	30	
Trichlorofluoromethane	ug/L	20	22.0	20.3	110	101	75-126	8	30	
Vinyl chloride	ug/L	20	22.1	18.9	111	95	72-125	15	30	
Xylene (Total)	ug/L	60	59.9	59.2	100	99	75-125	1	30	
1,2-Dichloroethane-d4 (S)	%				112	108	75-125			
4-Bromofluorobenzene (S)	%				95	98	75-125			
Toluene-d8 (S)	%				106	106	75-125			

MATRIX SPIKE SAMPLE:		2541165	10382231024	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
1,1,1,2-Tetrachloroethane	ug/L	ND	20	22.1	111	75-127		
1,1,1-Trichloroethane	ug/L	ND	20	22.7	113	66-142		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.7	108	70-131		
1,1,2-Trichloroethane	ug/L	ND	20	22.2	111	75-128		
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	21.9	109	54-150		
1,1-Dichloroethane	ug/L	ND	20	22.9	114	58-147		
1,1-Dichloroethene	ug/L	ND	20	21.4	107	49-150		
1,1-Dichloropropene	ug/L	ND	20	22.1	110	58-147		
1,2,3-Trichlorobenzene	ug/L	ND	20	19.4	97	57-139		
1,2,3-Trichloropropane	ug/L	ND	20	21.4	107	71-127		
1,2,4-Trichlorobenzene	ug/L	ND	20	18.7	93	55-136		
1,2,4-Trimethylbenzene	ug/L	ND	20	20.3	101	67-138		
1,2-Dibromo-3-chloropropane	ug/L	ND	50	48.3	97	63-136		
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.0	105	74-125		
1,2-Dichlorobenzene	ug/L	ND	20	22.8	114	75-125		
1,2-Dichloroethane	ug/L	ND	20	19.6	98	63-133		
1,2-Dichloropropane	ug/L	ND	20	21.4	107	63-138		
1,3,5-Trimethylbenzene	ug/L	ND	20	20.4	102	69-136		
1,3-Dichlorobenzene	ug/L	ND	20	22.7	113	75-125		
1,3-Dichloropropane	ug/L	ND	20	21.7	108	65-135		
1,4-Dichlorobenzene	ug/L	ND	20	22.3	112	70-126		
2,2-Dichloropropane	ug/L	ND	20	21.4	107	39-148		
2-Butanone (MEK)	ug/L	ND	100	92.9	93	50-144		
2-Chlorotoluene	ug/L	ND	20	23.2	116	71-135		
4-Chlorotoluene	ug/L	ND	20	21.0	105	71-131		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C
Pace Project No.: 10382245

MATRIX SPIKE SAMPLE:		2541165	10382231024	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	100	60-147		
Acetone	ug/L	ND	100	93.2	92	59-150		
Allyl chloride	ug/L	ND	20	20.1	101	38-149		
Benzene	ug/L	ND	20	21.3	106	61-138		
Bromobenzene	ug/L	ND	20	22.8	114	74-130		
Bromochloromethane	ug/L	ND	20	20.7	103	65-137		
Bromodichloromethane	ug/L	ND	20	20.0	100	66-136		
Bromoform	ug/L	ND	20	20.8	104	71-125		
Bromomethane	ug/L	ND	20	23.2	116	30-150		
Carbon tetrachloride	ug/L	ND	20	22.9	114	68-140		
Chlorobenzene	ug/L	ND	20	21.5	108	75-132		
Chloroethane	ug/L	ND	20	20.2	101	55-150		
Chloroform	ug/L	ND	20	21.1	106	64-139		
Chloromethane	ug/L	ND	20	20.0	100	73-150		
cis-1,2-Dichloroethene	ug/L	ND	20	21.5	107	62-138		
cis-1,3-Dichloropropene	ug/L	ND	20	20.6	103	70-125		
Dibromochloromethane	ug/L	ND	20	21.8	109	74-125		
Dibromomethane	ug/L	ND	20	20.6	103	66-138		
Dichlorodifluoromethane	ug/L	ND	20	20.0	100	53-150		
Dichlorofluoromethane	ug/L	ND	20	22.1	109	58-150		
Diethyl ether (Ethyl ether)	ug/L	ND	20	22.2	100	47-145		
Ethylbenzene	ug/L	ND	20	22.0	109	66-141		
Hexachloro-1,3-butadiene	ug/L	ND	20	23.1	116	63-139		
Isopropylbenzene (Cumene)	ug/L	ND	20	18.7	94	65-146		
m&p-Xylene	ug/L	ND	40	40.6	101	72-142		
Methyl-tert-butyl ether	ug/L	ND	20	21.1	105	63-134		
Methylene Chloride	ug/L	ND	20	20.0	100	49-143		
n-Butylbenzene	ug/L	ND	20	18.7	94	67-134		
n-Propylbenzene	ug/L	ND	20	22.7	113	62-142		
Naphthalene	ug/L	ND	20	16.3	81	41-150		
o-Xylene	ug/L	ND	20	18.6	93	66-138		
p-Isopropyltoluene	ug/L	ND	20	20.4	102	64-137		
sec-Butylbenzene	ug/L	ND	20	20.1	101	65-142		
Styrene	ug/L	ND	20	19.5	97	61-142		
tert-Butylbenzene	ug/L	ND	20	19.7	98	69-135		
Tetrachloroethene	ug/L	ND	20	22.9	114	62-142		
Tetrahydrofuran	ug/L	ND	200	190	95	55-150		
Toluene	ug/L	ND	20	21.9	107	66-132		
trans-1,2-Dichloroethene	ug/L	ND	20	21.5	108	48-150		
trans-1,3-Dichloropropene	ug/L	ND	20	20.8	104	65-130		
Trichloroethene	ug/L	ND	20	21.5	107	64-142		
Trichlorofluoromethane	ug/L	ND	20	23.2	116	63-150		
Vinyl chloride	ug/L	ND	20	21.3	107	58-150		
Xylene (Total)	ug/L	ND	60	59.2	99	70-140		
1,2-Dichloroethane-d4 (S)	%				108	75-125		
4-Bromofluorobenzene (S)	%				99	75-125		
Toluene-d8 (S)	%				106	75-125		

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

SAMPLE DUPLICATE: 2541166

Parameter	Units	10382231025 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	0.77	0.81	5	30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	.86J		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	.13J		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	.08J		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	.4J		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	.5J		30	
Diethyl ether (Ethyl ether)	ug/L	6.8	6.6	3	30	
Ethylbenzene	ug/L	ND	.16J		30	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

SAMPLE DUPLICATE: 2541166

Parameter	Units	10382231025 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	.41J		30	
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	.38J		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	115	114	0		
4-Bromofluorobenzene (S)	%.	101	102	1		
Toluene-d8 (S)	%.	115	115	0		

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

QC Batch:	464937	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10382245001, 10382245003, 10382245004, 10382245005, 10382245006, 10382245008, 10382245009, 10382245010, 10382245011, 10382245012		

METHOD BLANK:	2541915	Matrix:	Water
Associated Lab Samples:	10382245001, 10382245003, 10382245004, 10382245005, 10382245006, 10382245008, 10382245009, 10382245010, 10382245011, 10382245012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/21/17 20:09	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/21/17 20:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/21/17 20:09	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/21/17 20:09	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	03/21/17 20:09	
1,1-Dichloroethane	ug/L	ND	0.50	03/21/17 20:09	
1,1-Dichloroethene	ug/L	ND	0.50	03/21/17 20:09	
1,1-Dichloropropene	ug/L	ND	0.50	03/21/17 20:09	
1,2,3-Trichlorobenzene	ug/L	ND	4.0	03/21/17 20:09	MN
1,2,3-Trichloropropane	ug/L	ND	4.0	03/21/17 20:09	
1,2,4-Trichlorobenzene	ug/L	ND	4.0	03/21/17 20:09	MN
1,2,4-Trimethylbenzene	ug/L	ND	1.0	03/21/17 20:09	MN
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	03/21/17 20:09	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/21/17 20:09	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/21/17 20:09	
1,2-Dichloroethane	ug/L	ND	0.50	03/21/17 20:09	
1,2-Dichloropropane	ug/L	ND	4.0	03/21/17 20:09	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	03/21/17 20:09	MN
1,3-Dichlorobenzene	ug/L	ND	0.50	03/21/17 20:09	
1,3-Dichloropropane	ug/L	ND	0.50	03/21/17 20:09	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/21/17 20:09	
2,2-Dichloropropane	ug/L	ND	1.0	03/21/17 20:09	
2-Butanone (MEK)	ug/L	ND	5.0	03/21/17 20:09	
2-Chlorotoluene	ug/L	ND	0.50	03/21/17 20:09	
4-Chlorotoluene	ug/L	ND	1.0	03/21/17 20:09	MN
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	03/21/17 20:09	
Acetone	ug/L	ND	20.0	03/21/17 20:09	
Allyl chloride	ug/L	ND	4.0	03/21/17 20:09	
Benzene	ug/L	ND	0.50	03/21/17 20:09	
Bromobenzene	ug/L	ND	0.50	03/21/17 20:09	
Bromochloromethane	ug/L	ND	4.0	03/21/17 20:09	
Bromodichloromethane	ug/L	ND	0.50	03/21/17 20:09	MN
Bromoform	ug/L	ND	4.0	03/21/17 20:09	
Bromomethane	ug/L	ND	4.0	03/21/17 20:09	
Carbon tetrachloride	ug/L	ND	0.50	03/21/17 20:09	
Chlorobenzene	ug/L	ND	0.50	03/21/17 20:09	
Chloroethane	ug/L	ND	1.0	03/21/17 20:09	
Chloroform	ug/L	ND	1.0	03/21/17 20:09	
Chloromethane	ug/L	ND	4.0	03/21/17 20:09	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/21/17 20:09	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

METHOD BLANK: 2541915

Matrix: Water

Associated Lab Samples: 10382245001, 10382245003, 10382245004, 10382245005, 10382245006, 10382245008, 10382245009, 10382245010, 10382245011, 10382245012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/21/17 20:09	
Dibromochloromethane	ug/L	ND	0.50	03/21/17 20:09	
Dibromomethane	ug/L	ND	1.0	03/21/17 20:09	
Dichlorodifluoromethane	ug/L	ND	1.0	03/21/17 20:09	
Dichlorofluoromethane	ug/L	ND	1.0	03/21/17 20:09	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	03/21/17 20:09	
Ethylbenzene	ug/L	ND	0.50	03/21/17 20:09	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	03/21/17 20:09	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	03/21/17 20:09	MN
m&p-Xylene	ug/L	ND	2.0	03/21/17 20:09	MN
Methyl-tert-butyl ether	ug/L	ND	0.50	03/21/17 20:09	
Methylene Chloride	ug/L	ND	4.0	03/21/17 20:09	
n-Butylbenzene	ug/L	ND	4.0	03/21/17 20:09	MN
n-Propylbenzene	ug/L	ND	0.50	03/21/17 20:09	
Naphthalene	ug/L	ND	4.0	03/21/17 20:09	MN
o-Xylene	ug/L	ND	1.0	03/21/17 20:09	MN
p-Isopropyltoluene	ug/L	ND	1.0	03/21/17 20:09	MN
sec-Butylbenzene	ug/L	ND	1.0	03/21/17 20:09	MN
Styrene	ug/L	ND	1.0	03/21/17 20:09	MN
tert-Butylbenzene	ug/L	ND	1.0	03/21/17 20:09	MN
Tetrachloroethene	ug/L	ND	0.50	03/21/17 20:09	
Tetrahydrofuran	ug/L	ND	10.0	03/21/17 20:09	
Toluene	ug/L	ND	0.50	03/21/17 20:09	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/21/17 20:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	03/21/17 20:09	MN
Trichloroethene	ug/L	ND	0.40	03/21/17 20:09	
Trichlorofluoromethane	ug/L	ND	0.50	03/21/17 20:09	
Vinyl chloride	ug/L	ND	0.20	03/21/17 20:09	
Xylene (Total)	ug/L	ND	1.5	03/21/17 20:09	
1,2-Dichloroethane-d4 (S)	%	104	75-125	03/21/17 20:09	
4-Bromofluorobenzene (S)	%	102	75-125	03/21/17 20:09	
Toluene-d8 (S)	%	113	75-125	03/21/17 20:09	

LABORATORY CONTROL SAMPLE: 2541916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.1	111	75-125	
1,1,1-Trichloroethane	ug/L	20	20.4	102	74-125	
1,1,2,2-Tetrachloroethane	ug/L	20	21.4	107	67-131	
1,1,2-Trichloroethane	ug/L	20	22.4	112	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	17.3	87	75-125	
1,1-Dichloroethane	ug/L	20	20.6	103	74-125	
1,1-Dichloroethene	ug/L	20	18.3	92	74-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE: 2541916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloropropene	ug/L	20	20.0	100	74-125	
1,2,3-Trichlorobenzene	ug/L	20	19.4	97	63-131	
1,2,3-Trichloropropane	ug/L	20	21.2	106	73-125	
1,2,4-Trichlorobenzene	ug/L	20	18.5	92	66-126	
1,2,4-Trimethylbenzene	ug/L	20	20.2	101	74-129	
1,2-Dibromo-3-chloropropane	ug/L	50	49.1	98	54-129	
1,2-Dibromoethane (EDB)	ug/L	20	20.8	104	75-125	
1,2-Dichlorobenzene	ug/L	20	22.8	114	75-125	
1,2-Dichloroethane	ug/L	20	18.7	94	75-125	
1,2-Dichloropropane	ug/L	20	20.5	103	75-125	
1,3,5-Trimethylbenzene	ug/L	20	20.4	102	73-127	
1,3-Dichlorobenzene	ug/L	20	22.4	112	75-125	
1,3-Dichloropropane	ug/L	20	21.5	108	69-125	
1,4-Dichlorobenzene	ug/L	20	22.0	110	75-125	
2,2-Dichloropropane	ug/L	20	20.5	102	69-125	
2-Butanone (MEK)	ug/L	100	92.5	92	48-145	
2-Chlorotoluene	ug/L	20	22.4	112	74-125	
4-Chlorotoluene	ug/L	20	20.5	102	73-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	53-138	
Acetone	ug/L	100	93.6	94	70-142	
Allyl chloride	ug/L	20	18.6	93	61-127	
Benzene	ug/L	20	19.3	96	65-125	
Bromobenzene	ug/L	20	22.4	112	75-125	
Bromochloromethane	ug/L	20	18.9	95	75-125	
Bromodichloromethane	ug/L	20	19.4	97	73-125	
Bromoform	ug/L	20	20.4	102	69-125	
Bromomethane	ug/L	20	15.3	76	40-136	
Carbon tetrachloride	ug/L	20	20.2	101	70-125	
Chlorobenzene	ug/L	20	21.0	105	75-125	
Chloroethane	ug/L	20	19.1	96	67-141	
Chloroform	ug/L	20	19.7	98	75-125	
Chloromethane	ug/L	20	15.5	77	50-150	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	75-125	
cis-1,3-Dichloropropene	ug/L	20	20.3	102	75-125	
Dibromochloromethane	ug/L	20	21.2	106	75-125	
Dibromomethane	ug/L	20	20.0	100	75-129	
Dichlorodifluoromethane	ug/L	20	16.0	80	59-135	
Dichlorofluoromethane	ug/L	20	19.4	97	74-130	
Diethyl ether (Ethyl ether)	ug/L	20	18.0	90	66-132	
Ethylbenzene	ug/L	20	21.5	108	75-125	
Hexachloro-1,3-butadiene	ug/L	20	22.6	113	72-126	
Isopropylbenzene (Cumene)	ug/L	20	18.5	92	71-136	
m&p-Xylene	ug/L	40	40.3	101	75-125	
Methyl-tert-butyl ether	ug/L	20	19.8	99	73-127	
Methylene Chloride	ug/L	20	18.8	94	68-128	
n-Butylbenzene	ug/L	20	18.7	94	70-126	
n-Propylbenzene	ug/L	20	22.4	112	67-131	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE: 2541916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	20	16.4	82	52-134	
o-Xylene	ug/L	20	18.4	92	75-125	
p-Isopropyltoluene	ug/L	20	20.1	101	74-125	
sec-Butylbenzene	ug/L	20	19.8	99	69-134	
Styrene	ug/L	20	19.2	96	75-125	
tert-Butylbenzene	ug/L	20	19.5	97	71-128	
Tetrachloroethene	ug/L	20	22.1	111	74-125	
Tetrahydrofuran	ug/L	200	189	95	64-142	
Toluene	ug/L	20	20.8	104	75-125	
trans-1,2-Dichloroethene	ug/L	20	19.2	96	73-125	
trans-1,3-Dichloropropene	ug/L	20	20.5	102	75-125	
Trichloroethene	ug/L	20	20.3	101	75-125	
Trichlorofluoromethane	ug/L	20	19.0	95	75-126	
Vinyl chloride	ug/L	20	17.7	88	72-125	
Xylene (Total)	ug/L	60	58.7	98	75-125	
1,2-Dichloroethane-d4 (S)	%			106	75-125	
4-Bromofluorobenzene (S)	%			97	75-125	
Toluene-d8 (S)	%			107	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541917

2541918

Parameter	Units	10382374001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<0.064	20	20	21.7	22.0	108	110	75-127	1	30
1,1,1-Trichloroethane	ug/L	<0.057	20	20	21.2	21.3	106	106	66-142	0	30
1,1,2,2-Tetrachloroethane	ug/L	<0.055	20	20	21.3	21.8	106	109	70-131	3	30
1,1,2-Trichloroethane	ug/L	<0.064	20	20	21.8	22.1	109	110	75-128	1	30
1,1,2-Trichlorotrifluoroethane	ug/L	<0.13	20	20	20.6	19.6	103	98	54-150	5	30
1,1-Dichloroethane	ug/L	<0.055	20	20	21.1	20.7	106	103	58-147	2	30
1,1-Dichloroethene	ug/L	<0.069	20	20	19.2	19.0	96	95	49-150	1	30
1,1-Dichloropropene	ug/L	<0.082	20	20	20.7	21.3	103	107	58-147	3	30
1,2,3-Trichlorobenzene	ug/L	<0.17	20	20	18.1	19.3	90	97	57-139	7	30
1,2,3-Trichloropropane	ug/L	<0.19	20	20	21.1	21.2	106	106	71-127	0	30
1,2,4-Trichlorobenzene	ug/L	<0.14	20	20	19.5	20.5	98	103	55-136	5	30
1,2,4-Trimethylbenzene	ug/L	42.4	20	20	58.8	62.5	82	100	67-138	6	30
1,2-Dibromo-3-chloropropane	ug/L	<0.60	50	50	52.4	53.5	105	107	63-136	2	30
1,2-Dibromoethane (EDB)	ug/L	<0.092	20	20	20.6	21.2	103	106	74-125	3	30
1,2-Dichlorobenzene	ug/L	<0.078	20	20	21.3	21.6	106	108	75-125	1	30
1,2-Dichloroethane	ug/L	<0.072	20	20	18.7	18.9	93	94	63-133	1	30
1,2-Dichloropropane	ug/L	<0.066	20	20	20.7	20.6	103	103	63-138	0	30
1,3,5-Trimethylbenzene	ug/L	10.0	20	20	29.1	30.4	96	102	69-136	4	30
1,3-Dichlorobenzene	ug/L	<0.085	20	20	20.5	21.4	103	107	75-125	4	30
1,3-Dichloropropane	ug/L	<0.059	20	20	21.3	21.7	106	108	65-135	2	30
1,4-Dichlorobenzene	ug/L	<0.081	20	20	20.6	20.9	103	105	70-126	1	30

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QUALITY CONTROL DATA

Project: WAKS2510C
Pace Project No.: 10382245

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541917											
2541918											
Parameter	Units	10382374001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
2,2-Dichloropropane	ug/L	<0.096	20	20	21.7	21.0	109	105	39-148	4	30
2-Butanone (MEK)	ug/L	<1.1	100	100	89.5	93.0	90	93	50-144	4	30
2-Chlorotoluene	ug/L	<0.084	20	20	21.4	22.5	107	113	71-135	5	30
4-Chlorotoluene	ug/L	<0.048	20	20	19.7	20.4	99	102	71-131	3	30
4-Methyl-2-pentanone (MIBK)	ug/L	<0.80	100	100	100	105	100	105	60-147	5	30
Acetone	ug/L	2.2J	100	100	97.8	97.2	96	95	59-150	1	30
Allyl chloride	ug/L	<0.25	20	20	18.7	17.5	93	88	38-149	6	30
Benzene	ug/L	1.5	20	20	21.4	21.6	100	100	61-138	1	30
Bromobenzene	ug/L	<0.087	20	20	21.3	22.5	107	113	74-130	5	30
Bromochloromethane	ug/L	<0.082	20	20	19.2	19.5	96	97	65-137	2	30
Bromodichloromethane	ug/L	<0.068	20	20	19.6	19.6	98	98	66-136	0	30
Bromoform	ug/L	<0.11	20	20	20.2	20.8	101	104	71-125	3	30
Bromomethane	ug/L	<0.20	20	20	18.0	19.5	90	98	30-150	8	30
Carbon tetrachloride	ug/L	<0.079	20	20	21.3	21.4	106	107	68-140	0	30
Chlorobenzene	ug/L	<0.066	20	20	20.9	21.4	104	107	75-132	3	30
Chloroethane	ug/L	<0.12	20	20	18.3	19.2	92	96	55-150	5	30
Chloroform	ug/L	<0.21	20	20	20.0	19.7	100	99	64-139	2	30
Chloromethane	ug/L	<0.080	20	20	16.9	17.0	85	85	73-150	0	30
cis-1,2-Dichloroethene	ug/L	<0.12	20	20	20.6	20.4	103	102	62-138	1	30
cis-1,3-Dichloropropene	ug/L	<0.069	20	20	18.0	18.7	90	93	70-125	4	30
Dibromochloromethane	ug/L	<0.048	20	20	21.4	21.5	107	108	74-125	0	30
Dibromomethane	ug/L	<0.14	20	20	19.8	20.1	99	101	66-138	1	30
Dichlorodifluoromethane	ug/L	<0.075	20	20	18.3	18.6	92	93	53-150	1	30
Dichlorofluoromethane	ug/L	<0.054	20	20	19.2	19.9	96	99	58-150	3	30
Diethyl ether (Ethyl ether)	ug/L	<0.090	20	20	18.0	17.5	90	87	47-145	3	30
Ethylbenzene	ug/L	2.7	20	20	24.2	24.7	108	110	66-141	2	30
Hexachloro-1,3-butadiene	ug/L	<0.13	20	20	11.8	13.7	59	68	63-139	15	30 M1
Isopropylbenzene (Cumene)	ug/L	1.5	20	20	18.2	19.4	84	89	65-146	6	30
m&p-Xylene	ug/L	25.8	40	40	65.0	67.3	98	104	72-142	3	30
Methyl-tert-butyl ether	ug/L	<0.047	20	20	19.9	19.8	99	99	63-134	0	30
Methylene Chloride	ug/L	<0.097	20	20	18.7	17.7	93	88	49-143	5	30
n-Butylbenzene	ug/L	1.5J	20	20	17.4	18.7	79	86	67-134	7	30
n-Propylbenzene	ug/L	1.4	20	20	21.7	22.7	102	106	62-142	4	30
Naphthalene	ug/L	18.2	20	20	32.5	36.8	72	93	41-150	12	30
o-Xylene	ug/L	16.2	20	20	34.3	36.2	91	100	66-138	5	30
p-Isopropyltoluene	ug/L	1.7	20	20	19.2	20.3	87	93	64-137	6	30
sec-Butylbenzene	ug/L	1.3	20	20	17.4	18.5	80	86	65-142	6	30
Styrene	ug/L	<0.056	20	20	19.4	20.1	97	101	61-142	4	30
tert-Butylbenzene	ug/L	<0.051	20	20	17.6	18.4	88	92	69-135	4	30
Tetrachloroethene	ug/L	<0.13	20	20	22.1	22.5	110	112	62-142	2	30
Tetrahydrofuran	ug/L	<1.5	200	200	190	207	95	103	55-150	8	30
Toluene	ug/L	10.4	20	20	30.5	31.7	101	106	66-132	4	30
trans-1,2-Dichloroethene	ug/L	<0.15	20	20	20.0	19.1	100	95	48-150	5	30
trans-1,3-Dichloropropene	ug/L	<0.044	20	20	20.3	20.6	102	103	65-130	2	30
Trichloroethene	ug/L	<0.044	20	20	21.1	21.1	105	106	64-142	0	30

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541917 2541918												
Parameter	Units	10382374001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
			Spike Conc.	Spike Conc.	MS Result	MSD Result				RPD	RPD	
Trichlorofluoromethane	ug/L	<0.055	20	20	21.2	21.6	106	108	63-150	2	30	
Vinyl chloride	ug/L	<0.098	20	20	19.5	19.9	98	99	58-150	2	30	
Xylene (Total)	ug/L	42.0	60	60	99.3	104	96	102	70-140	4	30	
1,2-Dichloroethane-d4 (S)	%.						103	102	75-125			
4-Bromofluorobenzene (S)	%.						98	102	75-125			
Toluene-d8 (S)	%.						103	106	75-125			

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

QC Batch: 465472 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV LL Water
Associated Lab Samples: 10382245007, 10382245013, 10382245014, 10382245015, 10382245016, 10382245017

METHOD BLANK: 2544549 Matrix: Water
Associated Lab Samples: 10382245007, 10382245013, 10382245014, 10382245015, 10382245016, 10382245017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/24/17 13:38	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/24/17 13:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/24/17 13:38	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/24/17 13:38	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	03/24/17 13:38	
1,1-Dichloroethane	ug/L	ND	0.50	03/24/17 13:38	
1,1-Dichloroethene	ug/L	ND	0.50	03/24/17 13:38	
1,1-Dichloropropene	ug/L	ND	0.50	03/24/17 13:38	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	03/24/17 13:38	
1,2,3-Trichloropropane	ug/L	ND	4.0	03/24/17 13:38	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	03/24/17 13:38	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/24/17 13:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	03/24/17 13:38	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/24/17 13:38	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/24/17 13:38	
1,2-Dichloroethane	ug/L	ND	0.50	03/24/17 13:38	
1,2-Dichloropropane	ug/L	ND	4.0	03/24/17 13:38	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/24/17 13:38	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/24/17 13:38	
1,3-Dichloropropane	ug/L	ND	0.50	03/24/17 13:38	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/24/17 13:38	
2,2-Dichloropropane	ug/L	ND	1.0	03/24/17 13:38	
2-Butanone (MEK)	ug/L	ND	5.0	03/24/17 13:38	
2-Chlorotoluene	ug/L	ND	0.50	03/24/17 13:38	
4-Chlorotoluene	ug/L	ND	0.50	03/24/17 13:38	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	03/24/17 13:38	
Acetone	ug/L	ND	20.0	03/24/17 13:38	
Allyl chloride	ug/L	ND	4.0	03/24/17 13:38	
Benzene	ug/L	ND	0.50	03/24/17 13:38	
Bromobenzene	ug/L	ND	0.50	03/24/17 13:38	
Bromochloromethane	ug/L	ND	1.0	03/24/17 13:38	
Bromodichloromethane	ug/L	ND	0.50	03/24/17 13:38	
Bromoform	ug/L	ND	4.0	03/24/17 13:38	
Bromomethane	ug/L	ND	4.0	03/24/17 13:38	
Carbon tetrachloride	ug/L	ND	0.50	03/24/17 13:38	
Chlorobenzene	ug/L	ND	0.50	03/24/17 13:38	
Chloroethane	ug/L	ND	1.0	03/24/17 13:38	
Chloroform	ug/L	ND	1.0	03/24/17 13:38	
Chloromethane	ug/L	ND	4.0	03/24/17 13:38	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/24/17 13:38	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/24/17 13:38	

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QUALITY CONTROL DATA

Project: WAKS2510C
Pace Project No.: 10382245

METHOD BLANK: 2544549 Matrix: Water
Associated Lab Samples: 10382245007, 10382245013, 10382245014, 10382245015, 10382245016, 10382245017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	0.50	03/24/17 13:38	
Dibromomethane	ug/L	ND	1.0	03/24/17 13:38	
Dichlorodifluoromethane	ug/L	ND	1.0	03/24/17 13:38	
Dichlorofluoromethane	ug/L	ND	1.0	03/24/17 13:38	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	03/24/17 13:38	
Ethylbenzene	ug/L	ND	0.50	03/24/17 13:38	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	03/24/17 13:38	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/24/17 13:38	
m&p-Xylene	ug/L	ND	1.0	03/24/17 13:38	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/24/17 13:38	
Methylene Chloride	ug/L	ND	4.0	03/24/17 13:38	
n-Butylbenzene	ug/L	ND	0.50	03/24/17 13:38	
n-Propylbenzene	ug/L	ND	0.50	03/24/17 13:38	
Naphthalene	ug/L	ND	1.0	03/24/17 13:38	
o-Xylene	ug/L	ND	0.50	03/24/17 13:38	
p-Isopropyltoluene	ug/L	ND	0.50	03/24/17 13:38	
sec-Butylbenzene	ug/L	ND	0.50	03/24/17 13:38	
Styrene	ug/L	ND	0.50	03/24/17 13:38	
tert-Butylbenzene	ug/L	ND	0.50	03/24/17 13:38	
Tetrachloroethene	ug/L	ND	0.50	03/24/17 13:38	
Tetrahydrofuran	ug/L	ND	10.0	03/24/17 13:38	
Toluene	ug/L	ND	0.50	03/24/17 13:38	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/24/17 13:38	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/24/17 13:38	
Trichloroethene	ug/L	ND	0.40	03/24/17 13:38	
Trichlorofluoromethane	ug/L	ND	0.50	03/24/17 13:38	
Vinyl chloride	ug/L	ND	0.20	03/24/17 13:38	
Xylene (Total)	ug/L	ND	1.5	03/24/17 13:38	
1,2-Dichloroethane-d4 (S)	%	99	75-125	03/24/17 13:38	
4-Bromofluorobenzene (S)	%	98	75-125	03/24/17 13:38	
Toluene-d8 (S)	%	99	75-125	03/24/17 13:38	

LABORATORY CONTROL SAMPLE: 2544550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.7	98	75-125	
1,1,1-Trichloroethane	ug/L	20	19.3	97	74-125	
1,1,2,2-Tetrachloroethane	ug/L	20	20.2	101	67-131	
1,1,2-Trichloroethane	ug/L	20	21.2	106	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.5	98	75-125	
1,1-Dichloroethane	ug/L	20	21.0	105	74-125	
1,1-Dichloroethene	ug/L	20	20.2	101	74-125	
1,1-Dichloropropene	ug/L	20	19.8	99	74-125	
1,2,3-Trichlorobenzene	ug/L	20	20.8	104	63-131	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE: 2544550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	20.4	102	73-125	
1,2,4-Trichlorobenzene	ug/L	20	20.6	103	66-126	
1,2,4-Trimethylbenzene	ug/L	20	21.0	105	74-129	
1,2-Dibromo-3-chloropropane	ug/L	50	50.9	102	54-129	
1,2-Dibromoethane (EDB)	ug/L	20	19.8	99	75-125	
1,2-Dichlorobenzene	ug/L	20	21.4	107	75-125	
1,2-Dichloroethane	ug/L	20	21.0	105	75-125	
1,2-Dichloropropane	ug/L	20	21.3	106	75-125	
1,3,5-Trimethylbenzene	ug/L	20	19.8	99	73-127	
1,3-Dichlorobenzene	ug/L	20	20.2	101	75-125	
1,3-Dichloropropane	ug/L	20	20.6	103	69-125	
1,4-Dichlorobenzene	ug/L	20	19.9	99	75-125	
2,2-Dichloropropane	ug/L	20	22.1	111	69-125	
2-Butanone (MEK)	ug/L	100	108	108	48-145	
2-Chlorotoluene	ug/L	20	20.7	104	74-125	
4-Chlorotoluene	ug/L	20	20.9	105	73-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	112	112	53-138	
Acetone	ug/L	100	114	114	70-142	
Allyl chloride	ug/L	20	21.5	108	61-127	
Benzene	ug/L	20	20.6	103	65-125	
Bromobenzene	ug/L	20	21.3	106	75-125	
Bromochloromethane	ug/L	20	20.5	102	75-125	
Bromodichloromethane	ug/L	20	19.8	99	73-125	
Bromoform	ug/L	20	19.4	97	69-125	
Bromomethane	ug/L	20	18.9	94	40-136	
Carbon tetrachloride	ug/L	20	19.0	95	70-125	
Chlorobenzene	ug/L	20	20.9	105	75-125	
Chloroethane	ug/L	20	19.5	97	67-141	
Chloroform	ug/L	20	19.3	96	75-125	
Chloromethane	ug/L	20	18.7	93	50-150	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	75-125	
cis-1,3-Dichloropropene	ug/L	20	19.9	100	75-125	
Dibromochloromethane	ug/L	20	19.6	98	75-125	
Dibromomethane	ug/L	20	19.8	99	75-129	
Dichlorodifluoromethane	ug/L	20	17.7	88	59-135	
Dichlorofluoromethane	ug/L	20	22.1	110	74-130	
Diethyl ether (Ethyl ether)	ug/L	20	20.7	103	66-132	
Ethylbenzene	ug/L	20	21.1	106	75-125	
Hexachloro-1,3-butadiene	ug/L	20	21.4	107	72-126	
Isopropylbenzene (Cumene)	ug/L	20	21.0	105	71-136	
m&p-Xylene	ug/L	40	41.8	104	75-125	
Methyl-tert-butyl ether	ug/L	20	20.7	103	73-127	
Methylene Chloride	ug/L	20	19.6	98	68-128	
n-Butylbenzene	ug/L	20	21.8	109	70-126	
n-Propylbenzene	ug/L	20	20.8	104	67-131	
Naphthalene	ug/L	20	20.6	103	52-134	
o-Xylene	ug/L	20	19.2	96	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE: 2544550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	20	21.5	107	74-125	
sec-Butylbenzene	ug/L	20	19.6	98	69-134	
Styrene	ug/L	20	19.6	98	75-125	
tert-Butylbenzene	ug/L	20	20.9	104	71-128	
Tetrachloroethene	ug/L	20	19.5	97	74-125	
Tetrahydrofuran	ug/L	200	196	98	64-142	
Toluene	ug/L	20	18.8	94	75-125	
trans-1,2-Dichloroethene	ug/L	20	21.1	106	73-125	
trans-1,3-Dichloropropene	ug/L	20	20.1	100	75-125	
Trichloroethene	ug/L	20	20.1	101	75-125	
Trichlorofluoromethane	ug/L	20	22.5	113	75-126	
Vinyl chloride	ug/L	20	19.9	100	72-125	
Xylene (Total)	ug/L	60	60.9	102	75-125	
1,2-Dichloroethane-d4 (S)	%			99	75-125	
4-Bromofluorobenzene (S)	%			100	75-125	
Toluene-d8 (S)	%			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544551 2544552

Parameter	Units	10382374004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<0.064	20	20	20.6	20.6	103	103	75-127	0	30	
1,1,1-Trichloroethane	ug/L	<0.057	20	20	21.0	21.5	105	108	66-142	2	30	
1,1,2,2-Tetrachloroethane	ug/L	<0.055	20	20	20.5	20.5	103	102	70-131	0	30	
1,1,2-Trichloroethane	ug/L	<0.064	20	20	21.6	21.9	108	109	75-128	1	30	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.13	20	20	25.0	25.5	125	127	54-150	2	30	
1,1-Dichloroethane	ug/L	<0.055	20	20	22.4	22.4	112	112	58-147	0	30	
1,1-Dichloroethene	ug/L	<0.069	20	20	23.8	23.4	119	117	49-150	2	30	
1,1-Dichloropropene	ug/L	<0.082	20	20	22.1	22.4	110	112	58-147	2	30	
1,2,3-Trichlorobenzene	ug/L	<0.17	20	20	21.6	20.3	108	101	57-139	6	30	
1,2,3-Trichloropropane	ug/L	<0.19	20	20	20.8	20.9	104	105	71-127	1	30	
1,2,4-Trichlorobenzene	ug/L	<0.14	20	20	21.7	20.6	108	103	55-136	5	30	
1,2,4-Trimethylbenzene	ug/L	1.2	20	20	22.3	22.6	106	107	67-138	1	30	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	50	50	52.3	52.6	105	105	63-136	1	30	
1,2-Dibromoethane (EDB)	ug/L	<0.092	20	20	20.3	20.4	101	102	74-125	1	30	
1,2-Dichlorobenzene	ug/L	<0.078	20	20	21.4	21.7	107	109	75-125	1	30	
1,2-Dichloroethane	ug/L	<0.072	20	20	21.4	21.9	107	109	63-133	2	30	
1,2-Dichloropropane	ug/L	<0.066	20	20	22.1	22.6	110	113	63-138	2	30	
1,3,5-Trimethylbenzene	ug/L	0.39J	20	20	20.3	20.7	100	102	69-136	2	30	
1,3-Dichlorobenzene	ug/L	<0.085	20	20	20.3	20.4	101	102	75-125	0	30	
1,3-Dichloropropane	ug/L	<0.059	20	20	21.5	21.5	107	107	65-135	0	30	
1,4-Dichlorobenzene	ug/L	<0.081	20	20	20.4	20.7	102	103	70-126	1	30	
2,2-Dichloropropane	ug/L	<0.096	20	20	24.4	24.5	122	123	39-148	0	30	
2-Butanone (MEK)	ug/L	<1.1	100	100	101	102	101	102	50-144	1	30	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544551 2544552											
Parameter	Units	10382374004		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
2-Chlorotoluene	ug/L	<0.084	20	20	20.8	21.5	104	107	71-135	3	30
4-Chlorotoluene	ug/L	<0.048	20	20	21.2	21.7	106	108	71-131	2	30
4-Methyl-2-pentanone (MIBK)	ug/L	<0.80	100	100	110	111	110	111	60-147	0	30
Acetone	ug/L	2.8J	100	100	103	101	101	99	59-150	2	30
Allyl chloride	ug/L	<0.25	20	20	22.9	23.0	115	115	38-149	0	30
Benzene	ug/L	0.054J	20	20	22.0	22.4	110	112	61-138	2	30
Bromobenzene	ug/L	<0.087	20	20	21.8	22.8	109	114	74-130	4	30
Bromochloromethane	ug/L	<0.082	20	20	21.2	21.7	106	109	65-137	2	30
Bromodichloromethane	ug/L	<0.068	20	20	20.3	21.2	102	106	66-136	4	30
Bromoform	ug/L	<0.11	20	20	19.7	19.6	99	98	71-125	1	30
Bromomethane	ug/L	<0.20	20	20	20.6	20.6	103	103	30-150	0	30
Carbon tetrachloride	ug/L	<0.079	20	20	21.5	21.8	107	109	68-140	2	30
Chlorobenzene	ug/L	<0.066	20	20	21.4	22.1	107	111	75-132	3	30
Chloroethane	ug/L	<0.12	20	20	20.7	19.8	104	99	55-150	5	30
Chloroform	ug/L	<0.21	20	20	20.2	20.6	101	103	64-139	2	30
Chloromethane	ug/L	<0.080	20	20	20.3	19.4	102	97	73-150	5	30
cis-1,2-Dichloroethene	ug/L	<0.12	20	20	20.9	21.4	104	107	62-138	2	30
cis-1,3-Dichloropropene	ug/L	<0.069	20	20	20.4	20.9	102	105	70-125	2	30
Dibromochloromethane	ug/L	<0.048	20	20	20.0	20.4	100	102	74-125	2	30
Dibromomethane	ug/L	<0.14	20	20	20.6	20.8	103	104	66-138	1	30
Dichlorodifluoromethane	ug/L	<0.075	20	20	22.2	20.8	111	104	53-150	7	30
Dichlorofluoromethane	ug/L	<0.054	20	20	23.1	22.1	116	111	58-150	4	30
Diethyl ether (Ethyl ether)	ug/L	<0.090	20	20	21.4	21.3	107	107	47-145	1	30
Ethylbenzene	ug/L	0.11J	20	20	21.5	22.1	107	110	66-141	3	30
Hexachloro-1,3-butadiene	ug/L	<0.13	20	20	27.1	23.5	135	117	63-139	14	30
Isopropylbenzene (Cumene)	ug/L	<0.064	20	20	20.8	21.6	104	108	65-146	4	30
m&p-Xylene	ug/L	0.85J	40	40	43.2	44.3	106	109	72-142	3	30
Methyl-tert-butyl ether	ug/L	<0.047	20	20	21.3	21.7	107	109	63-134	2	30
Methylene Chloride	ug/L	<0.097	20	20	19.9	20.4	99	102	49-143	2	30
n-Butylbenzene	ug/L	<0.16	20	20	23.6	22.8	118	114	67-134	3	30
n-Propylbenzene	ug/L	<0.049	20	20	21.2	21.6	106	108	62-142	2	30
Naphthalene	ug/L	0.30J	20	20	20.7	20.6	102	102	41-150	0	30
o-Xylene	ug/L	0.64	20	20	19.9	20.5	96	99	66-138	3	30
p-Isopropyltoluene	ug/L	<0.064	20	20	22.7	22.3	114	112	64-137	2	30
sec-Butylbenzene	ug/L	<0.094	20	20	21.1	20.7	106	104	65-142	2	30
Styrene	ug/L	<0.056	20	20	19.7	20.4	98	102	61-142	4	30
tert-Butylbenzene	ug/L	<0.051	20	20	21.5	21.7	107	108	69-135	1	30
Tetrachloroethene	ug/L	<0.13	20	20	20.3	21.1	101	105	62-142	4	30
Tetrahydrofuran	ug/L	<1.5	200	200	211	215	105	107	55-150	2	30
Toluene	ug/L	0.29J	20	20	20.3	20.3	100	100	66-132	0	30
trans-1,2-Dichloroethene	ug/L	<0.15	20	20	23.1	23.2	115	116	48-150	1	30
trans-1,3-Dichloropropene	ug/L	<0.044	20	20	20.6	20.6	103	103	65-130	0	30
Trichloroethene	ug/L	<0.044	20	20	21.8	22.2	109	111	64-142	2	30
Trichlorofluoromethane	ug/L	<0.055	20	20	26.3	25.0	132	125	63-150	5	30
Vinyl chloride	ug/L	<0.098	20	20	22.2	20.9	111	104	58-150	6	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544551 2544552												
Parameter	Units	10382374004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Xylene (Total)	ug/L	0.64J	60	60	63.1	64.8	104	107	70-140	3	30	
1,2-Dichloroethane-d4 (S)	%.						99	99	75-125			
4-Bromofluorobenzene (S)	%.						100	101	75-125			
Toluene-d8 (S)	%.						99	98	75-125			

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

QC Batch:	465519	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10382245018, 10382245019, 10382245020, 10382245021, 10382245031		

METHOD BLANK:	2544809	Matrix:	Water
Associated Lab Samples:	10382245018, 10382245019, 10382245020, 10382245021, 10382245031		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/25/17 01:25	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/25/17 01:25	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/25/17 01:25	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/25/17 01:25	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	03/25/17 01:25	
1,1-Dichloroethane	ug/L	ND	0.50	03/25/17 01:25	
1,1-Dichloroethene	ug/L	ND	0.50	03/25/17 01:25	
1,1-Dichloropropene	ug/L	ND	0.50	03/25/17 01:25	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	03/25/17 01:25	
1,2,3-Trichloropropane	ug/L	ND	4.0	03/25/17 01:25	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	03/25/17 01:25	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/25/17 01:25	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	03/25/17 01:25	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/25/17 01:25	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/25/17 01:25	
1,2-Dichloroethane	ug/L	ND	0.50	03/25/17 01:25	
1,2-Dichloropropane	ug/L	ND	4.0	03/25/17 01:25	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/25/17 01:25	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/25/17 01:25	
1,3-Dichloropropane	ug/L	ND	0.50	03/25/17 01:25	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/25/17 01:25	
2,2-Dichloropropane	ug/L	ND	1.0	03/25/17 01:25	
2-Butanone (MEK)	ug/L	ND	5.0	03/25/17 01:25	
2-Chlorotoluene	ug/L	ND	0.50	03/25/17 01:25	
4-Chlorotoluene	ug/L	ND	0.50	03/25/17 01:25	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	03/25/17 01:25	
Acetone	ug/L	ND	20.0	03/25/17 01:25	
Allyl chloride	ug/L	ND	4.0	03/25/17 01:25	
Benzene	ug/L	ND	0.50	03/25/17 01:25	
Bromobenzene	ug/L	ND	0.50	03/25/17 01:25	
Bromochloromethane	ug/L	ND	1.0	03/25/17 01:25	
Bromodichloromethane	ug/L	ND	0.50	03/25/17 01:25	
Bromoform	ug/L	ND	4.0	03/25/17 01:25	
Bromomethane	ug/L	ND	4.0	03/25/17 01:25	
Carbon tetrachloride	ug/L	ND	0.50	03/25/17 01:25	
Chlorobenzene	ug/L	ND	0.50	03/25/17 01:25	
Chloroethane	ug/L	ND	1.0	03/25/17 01:25	
Chloroform	ug/L	ND	1.0	03/25/17 01:25	
Chloromethane	ug/L	ND	4.0	03/25/17 01:25	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/25/17 01:25	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/25/17 01:25	

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QUALITY CONTROL DATA

Project: WAKS2510C
Pace Project No.: 10382245

METHOD BLANK: 2544809

Matrix: Water

Associated Lab Samples: 10382245018, 10382245019, 10382245020, 10382245021, 10382245031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	0.50	03/25/17 01:25	
Dibromomethane	ug/L	ND	1.0	03/25/17 01:25	
Dichlorodifluoromethane	ug/L	ND	1.0	03/25/17 01:25	
Dichlorofluoromethane	ug/L	ND	1.0	03/25/17 01:25	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	03/25/17 01:25	
Ethylbenzene	ug/L	ND	0.50	03/25/17 01:25	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	03/25/17 01:25	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/25/17 01:25	
m&p-Xylene	ug/L	ND	1.0	03/25/17 01:25	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/25/17 01:25	
Methylene Chloride	ug/L	ND	4.0	03/25/17 01:25	
n-Butylbenzene	ug/L	ND	0.50	03/25/17 01:25	
n-Propylbenzene	ug/L	ND	0.50	03/25/17 01:25	
Naphthalene	ug/L	ND	1.0	03/25/17 01:25	
o-Xylene	ug/L	ND	0.50	03/25/17 01:25	
p-Isopropyltoluene	ug/L	ND	0.50	03/25/17 01:25	
sec-Butylbenzene	ug/L	ND	0.50	03/25/17 01:25	
Styrene	ug/L	ND	0.50	03/25/17 01:25	
tert-Butylbenzene	ug/L	ND	0.50	03/25/17 01:25	
Tetrachloroethene	ug/L	ND	0.50	03/25/17 01:25	
Tetrahydrofuran	ug/L	ND	10.0	03/25/17 01:25	
Toluene	ug/L	ND	0.50	03/25/17 01:25	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/25/17 01:25	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/25/17 01:25	
Trichloroethene	ug/L	ND	0.40	03/25/17 01:25	
Trichlorofluoromethane	ug/L	ND	0.50	03/25/17 01:25	
Vinyl chloride	ug/L	ND	0.20	03/25/17 01:25	
Xylene (Total)	ug/L	ND	1.5	03/25/17 01:25	
1,2-Dichloroethane-d4 (S)	%	100	75-125	03/25/17 01:25	
4-Bromofluorobenzene (S)	%	98	75-125	03/25/17 01:25	
Toluene-d8 (S)	%	98	75-125	03/25/17 01:25	

LABORATORY CONTROL SAMPLE: 2544810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.9	99	75-125	
1,1,1-Trichloroethane	ug/L	20	19.9	100	74-125	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	97	67-131	
1,1,2-Trichloroethane	ug/L	20	21.3	106	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.9	99	75-125	
1,1-Dichloroethane	ug/L	20	21.4	107	74-125	
1,1-Dichloroethene	ug/L	20	20.7	104	74-125	
1,1-Dichloropropene	ug/L	20	19.9	100	74-125	
1,2,3-Trichlorobenzene	ug/L	20	19.6	98	63-131	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE: 2544810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	19.7	99	73-125	
1,2,4-Trichlorobenzene	ug/L	20	19.5	98	66-126	
1,2,4-Trimethylbenzene	ug/L	20	20.6	103	74-129	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	98	54-129	
1,2-Dibromoethane (EDB)	ug/L	20	19.7	98	75-125	
1,2-Dichlorobenzene	ug/L	20	21.0	105	75-125	
1,2-Dichloroethane	ug/L	20	20.9	105	75-125	
1,2-Dichloropropane	ug/L	20	21.5	108	75-125	
1,3,5-Trimethylbenzene	ug/L	20	19.7	98	73-127	
1,3-Dichlorobenzene	ug/L	20	19.9	100	75-125	
1,3-Dichloropropane	ug/L	20	21.3	106	69-125	
1,4-Dichlorobenzene	ug/L	20	19.9	100	75-125	
2,2-Dichloropropane	ug/L	20	19.0	95	69-125	
2-Butanone (MEK)	ug/L	100	97.4	97	48-145	
2-Chlorotoluene	ug/L	20	20.8	104	74-125	
4-Chlorotoluene	ug/L	20	20.8	104	73-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	53-138	
Acetone	ug/L	100	103	103	70-142	
Allyl chloride	ug/L	20	21.5	107	61-127	
Benzene	ug/L	20	20.9	105	65-125	
Bromobenzene	ug/L	20	21.5	108	75-125	
Bromochloromethane	ug/L	20	21.0	105	75-125	
Bromodichloromethane	ug/L	20	19.7	98	73-125	
Bromoform	ug/L	20	19.0	95	69-125	
Bromomethane	ug/L	20	18.9	94	40-136	
Carbon tetrachloride	ug/L	20	19.5	97	70-125	
Chlorobenzene	ug/L	20	21.5	107	75-125	
Chloroethane	ug/L	20	20.2	101	67-141	
Chloroform	ug/L	20	19.7	99	75-125	
Chloromethane	ug/L	20	20.3	102	50-150	
cis-1,2-Dichloroethene	ug/L	20	20.0	100	75-125	
cis-1,3-Dichloropropene	ug/L	20	19.3	96	75-125	
Dibromochloromethane	ug/L	20	19.4	97	75-125	
Dibromomethane	ug/L	20	19.9	100	75-129	
Dichlorodifluoromethane	ug/L	20	17.8	89	59-135	
Dichlorofluoromethane	ug/L	20	22.5	112	74-130	
Diethyl ether (Ethyl ether)	ug/L	20	20.9	104	66-132	
Ethylbenzene	ug/L	20	21.5	107	75-125	
Hexachloro-1,3-butadiene	ug/L	20	19.7	98	72-126	
Isopropylbenzene (Cumene)	ug/L	20	21.1	106	71-136	
m&p-Xylene	ug/L	40	42.2	105	75-125	
Methyl-tert-butyl ether	ug/L	20	20.8	104	73-127	
Methylene Chloride	ug/L	20	19.8	99	68-128	
n-Butylbenzene	ug/L	20	20.2	101	70-126	
n-Propylbenzene	ug/L	20	20.8	104	67-131	
Naphthalene	ug/L	20	19.7	98	52-134	
o-Xylene	ug/L	20	19.7	98	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE: 2544810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	20	20.7	104	74-125	
sec-Butylbenzene	ug/L	20	19.2	96	69-134	
Styrene	ug/L	20	19.6	98	75-125	
tert-Butylbenzene	ug/L	20	20.8	104	71-128	
Tetrachloroethene	ug/L	20	19.6	98	74-125	
Tetrahydrofuran	ug/L	200	206	103	64-142	
Toluene	ug/L	20	19.3	96	75-125	
trans-1,2-Dichloroethene	ug/L	20	20.9	105	73-125	
trans-1,3-Dichloropropene	ug/L	20	19.5	97	75-125	
Trichloroethene	ug/L	20	20.6	103	75-125	
Trichlorofluoromethane	ug/L	20	23.0	115	75-126	
Vinyl chloride	ug/L	20	20.6	103	72-125	
Xylene (Total)	ug/L	60	61.8	103	75-125	
1,2-Dichloroethane-d4 (S)	%			98	75-125	
4-Bromofluorobenzene (S)	%			97	75-125	
Toluene-d8 (S)	%			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544811 2544812

Parameter	Units	10382778002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<0.064	20	20	19.2	18.2	96	91	75-127	5	30	
1,1,1-Trichloroethane	ug/L	<0.057	20	20	19.7	18.5	98	93	66-142	6	30	
1,1,2,2-Tetrachloroethane	ug/L	<0.055	20	20	18.6	18.0	93	90	70-131	3	30	
1,1,2-Trichloroethane	ug/L	<0.064	20	20	19.9	19.2	100	96	75-128	4	30	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.13	20	20	22.5	21.4	112	107	54-150	5	30	
1,1-Dichloroethane	ug/L	<0.055	20	20	20.8	19.7	104	98	58-147	6	30	
1,1-Dichloroethene	ug/L	<0.069	20	20	21.3	20.1	106	101	49-150	5	30	
1,1-Dichloropropene	ug/L	<0.082	20	20	20.2	18.9	101	95	58-147	7	30	
1,2,3-Trichlorobenzene	ug/L	<0.17	20	20	17.3	17.0	87	85	57-139	2	30	
1,2,3-Trichloropropane	ug/L	<0.19	20	20	18.9	18.7	94	93	71-127	1	30	
1,2,4-Trichlorobenzene	ug/L	<0.14	20	20	16.9	16.7	84	84	55-136	1	30	
1,2,4-Trimethylbenzene	ug/L	13.7	20	20	32.6	32.7	95	95	67-138	0	30	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	50	50	46.4	46.1	93	92	63-136	1	30	
1,2-Dibromoethane (EDB)	ug/L	<0.092	20	20	19.0	18.1	95	90	74-125	5	30	
1,2-Dichlorobenzene	ug/L	<0.078	20	20	19.5	19.1	97	96	75-125	2	30	
1,2-Dichloroethane	ug/L	<0.072	20	20	20.0	18.8	100	94	63-133	6	30	
1,2-Dichloropropane	ug/L	<0.066	20	20	20.9	19.7	104	99	63-138	6	30	
1,3,5-Trimethylbenzene	ug/L	4.9	20	20	22.6	22.2	88	86	69-136	2	30	
1,3-Dichlorobenzene	ug/L	<0.085	20	20	18.4	17.9	92	90	75-125	3	30	
1,3-Dichloropropane	ug/L	<0.059	20	20	20.1	18.9	100	94	65-135	6	30	
1,4-Dichlorobenzene	ug/L	<0.081	20	20	18.3	17.7	91	88	70-126	3	30	
2,2-Dichloropropane	ug/L	<0.096	20	20	19.2	17.7	96	88	39-148	8	30	
2-Butanone (MEK)	ug/L	<1.1	100	100	95.5	91.9	95	92	50-144	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C
Pace Project No.: 10382245

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544811 2544812											
Parameter	Units	10382778002		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
2-Chlorotoluene	ug/L	<0.084	20	20	20.0	19.4	100	97	71-135	3	30
4-Chlorotoluene	ug/L	<0.048	20	20	19.5	18.9	98	95	71-131	3	30
4-Methyl-2-pentanone (MIBK)	ug/L	<0.80	100	100	107	102	107	102	60-147	5	30
Acetone	ug/L	5.8J	100	100	96.2	98.0	90	92	59-150	2	30
Allyl chloride	ug/L	<0.25	20	20	21.5	20.1	107	101	38-149	6	30
Benzene	ug/L	0.61	20	20	21.0	20.1	102	97	61-138	4	30
Bromobenzene	ug/L	<0.087	20	20	20.1	19.8	101	99	74-130	2	30
Bromochloromethane	ug/L	<0.082	20	20	19.6	18.8	98	94	65-137	4	30
Bromodichloromethane	ug/L	<0.068	20	20	19.1	18.3	95	92	66-136	4	30
Bromoform	ug/L	<0.11	20	20	17.8	16.8	89	84	71-125	5	30
Bromomethane	ug/L	<0.20	20	20	20.7	19.8	104	99	30-150	5	30
Carbon tetrachloride	ug/L	<0.079	20	20	19.8	18.5	99	93	68-140	7	30
Chlorobenzene	ug/L	<0.066	20	20	20.4	19.5	102	98	75-132	4	30
Chloroethane	ug/L	<0.12	20	20	20.1	18.7	100	94	55-150	7	30
Chloroform	ug/L	<0.21	20	20	18.8	18.1	94	90	64-139	4	30
Chloromethane	ug/L	<0.080	20	20	19.9	18.8	100	94	73-150	6	30
cis-1,2-Dichloroethene	ug/L	<0.12	20	20	19.2	18.2	96	91	62-138	5	30
cis-1,3-Dichloropropene	ug/L	<0.069	20	20	18.5	17.6	93	88	70-125	5	30
Dibromochloromethane	ug/L	<0.048	20	20	18.7	17.8	94	89	74-125	5	30
Dibromomethane	ug/L	<0.14	20	20	19.0	17.9	95	90	66-138	6	30
Dichlorodifluoromethane	ug/L	<0.075	20	20	20.0	19.1	100	95	53-150	5	30
Dichlorofluoromethane	ug/L	<0.054	20	20	22.3	20.9	111	105	58-150	6	30
Diethyl ether (Ethyl ether)	ug/L	<0.090	20	20	19.7	18.8	98	94	47-145	4	30
Ethylbenzene	ug/L	0.73	20	20	21.1	19.9	102	96	66-141	6	30
Hexachloro-1,3-butadiene	ug/L	<0.13	20	20	11.5	11.0	58	55	63-139	4	30 M1
Isopropylbenzene (Cumene)	ug/L	0.27J	20	20	20.1	19.3	99	95	65-146	4	30
m&p-Xylene	ug/L	6.9	40	40	47.7	45.8	102	97	72-142	4	30
Methyl-tert-butyl ether	ug/L	<0.047	20	20	19.8	19.0	99	95	63-134	4	30
Methylene Chloride	ug/L	<0.097	20	20	18.5	17.8	93	89	49-143	4	30
n-Butylbenzene	ug/L	0.28J	20	20	18.1	17.7	89	87	67-134	2	30
n-Propylbenzene	ug/L	0.43J	20	20	19.4	18.8	95	92	62-142	3	30
Naphthalene	ug/L	7.5	20	20	26.2	26.5	93	95	41-150	1	30
o-Xylene	ug/L	5.5	20	20	24.2	23.4	94	90	66-138	3	30
p-Isopropyltoluene	ug/L	0.51	20	20	19.4	19.0	94	92	64-137	2	30
sec-Butylbenzene	ug/L	0.49J	20	20	17.0	16.3	82	79	65-142	4	30
Styrene	ug/L	<0.056	20	20	18.6	17.9	93	90	61-142	4	30
tert-Butylbenzene	ug/L	<0.051	20	20	18.7	17.9	94	89	69-135	5	30
Tetrachloroethene	ug/L	<0.13	20	20	19.1	18.4	96	92	62-142	4	30
Tetrahydrofuran	ug/L	<1.5	200	200	191	188	95	94	55-150	1	30
Toluene	ug/L	2.3	20	20	20.9	20.0	93	88	66-132	4	30
trans-1,2-Dichloroethene	ug/L	<0.15	20	20	21.2	20.1	106	101	48-150	5	30
trans-1,3-Dichloropropene	ug/L	<0.044	20	20	18.3	17.6	92	88	65-130	4	30
Trichloroethene	ug/L	<0.044	20	20	20.2	18.9	101	94	64-142	7	30
Trichlorofluoromethane	ug/L	<0.055	20	20	25.2	23.5	126	118	63-150	7	30
Vinyl chloride	ug/L	<0.098	20	20	20.9	19.9	105	99	58-150	5	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544811 2544812												
Parameter	Units	10382778002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Xylene (Total)	ug/L	12.4	60	60	71.9	69.2	99	95	70-140	4	30	
1,2-Dichloroethane-d4 (S)	%.						98	97	75-125			
4-Bromofluorobenzene (S)	%.						98	100	75-125			
Toluene-d8 (S)	%.						100	99	75-125			

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

QC Batch:	465700	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10382245022, 10382245023, 10382245024, 10382245025, 10382245026, 10382245027, 10382245028, 10382245029, 10382245030		

METHOD BLANK:	2545625	Matrix:	Water
Associated Lab Samples:	10382245022, 10382245023, 10382245024, 10382245025, 10382245026, 10382245027, 10382245028, 10382245029, 10382245030		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/27/17 12:03	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/27/17 12:03	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/27/17 12:03	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/27/17 12:03	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	03/27/17 12:03	
1,1-Dichloroethane	ug/L	ND	0.50	03/27/17 12:03	
1,1-Dichloroethene	ug/L	ND	0.50	03/27/17 12:03	
1,1-Dichloropropene	ug/L	ND	0.50	03/27/17 12:03	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	03/27/17 12:03	
1,2,3-Trichloropropane	ug/L	ND	4.0	03/27/17 12:03	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	03/27/17 12:03	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/27/17 12:03	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	03/27/17 12:03	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/27/17 12:03	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/27/17 12:03	
1,2-Dichloroethane	ug/L	ND	0.50	03/27/17 12:03	
1,2-Dichloropropane	ug/L	ND	4.0	03/27/17 12:03	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/27/17 12:03	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/27/17 12:03	
1,3-Dichloropropane	ug/L	ND	0.50	03/27/17 12:03	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/27/17 12:03	
2,2-Dichloropropane	ug/L	ND	1.0	03/27/17 12:03	
2-Butanone (MEK)	ug/L	ND	5.0	03/27/17 12:03	
2-Chlorotoluene	ug/L	ND	0.50	03/27/17 12:03	
4-Chlorotoluene	ug/L	ND	0.50	03/27/17 12:03	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	03/27/17 12:03	
Acetone	ug/L	ND	20.0	03/27/17 12:03	
Allyl chloride	ug/L	ND	4.0	03/27/17 12:03	
Benzene	ug/L	ND	0.50	03/27/17 12:03	
Bromobenzene	ug/L	ND	0.50	03/27/17 12:03	
Bromochloromethane	ug/L	ND	1.0	03/27/17 12:03	
Bromodichloromethane	ug/L	ND	0.50	03/27/17 12:03	
Bromoform	ug/L	ND	4.0	03/27/17 12:03	
Bromomethane	ug/L	ND	4.0	03/27/17 12:03	
Carbon tetrachloride	ug/L	ND	0.50	03/27/17 12:03	
Chlorobenzene	ug/L	ND	0.50	03/27/17 12:03	
Chloroethane	ug/L	ND	1.0	03/27/17 12:03	
Chloroform	ug/L	ND	1.0	03/27/17 12:03	
Chloromethane	ug/L	ND	4.0	03/27/17 12:03	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/27/17 12:03	

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QUALITY CONTROL DATA

Project: WAKS2510C
Pace Project No.: 10382245

METHOD BLANK: 2545625

Matrix: Water

Associated Lab Samples: 10382245022, 10382245023, 10382245024, 10382245025, 10382245026, 10382245027, 10382245028, 10382245029, 10382245030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/27/17 12:03	
Dibromochloromethane	ug/L	ND	0.50	03/27/17 12:03	
Dibromomethane	ug/L	ND	1.0	03/27/17 12:03	
Dichlorodifluoromethane	ug/L	ND	1.0	03/27/17 12:03	
Dichlorofluoromethane	ug/L	ND	1.0	03/27/17 12:03	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	03/27/17 12:03	
Ethylbenzene	ug/L	ND	0.50	03/27/17 12:03	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	03/27/17 12:03	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/27/17 12:03	
m&p-Xylene	ug/L	ND	1.0	03/27/17 12:03	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/27/17 12:03	
Methylene Chloride	ug/L	ND	4.0	03/27/17 12:03	
n-Butylbenzene	ug/L	ND	0.50	03/27/17 12:03	
n-Propylbenzene	ug/L	ND	0.50	03/27/17 12:03	
Naphthalene	ug/L	ND	1.0	03/27/17 12:03	
o-Xylene	ug/L	ND	0.50	03/27/17 12:03	
p-Isopropyltoluene	ug/L	ND	0.50	03/27/17 12:03	
sec-Butylbenzene	ug/L	ND	0.50	03/27/17 12:03	
Styrene	ug/L	ND	0.50	03/27/17 12:03	
tert-Butylbenzene	ug/L	ND	0.50	03/27/17 12:03	
Tetrachloroethene	ug/L	ND	0.50	03/27/17 12:03	
Tetrahydrofuran	ug/L	ND	10.0	03/27/17 12:03	
Toluene	ug/L	ND	0.50	03/27/17 12:03	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/27/17 12:03	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/27/17 12:03	
Trichloroethene	ug/L	ND	0.40	03/27/17 12:03	
Trichlorofluoromethane	ug/L	ND	0.50	03/27/17 12:03	
Vinyl chloride	ug/L	ND	0.20	03/27/17 12:03	
Xylene (Total)	ug/L	ND	1.5	03/27/17 12:03	
1,2-Dichloroethane-d4 (S)	%	96	75-125	03/27/17 12:03	
4-Bromofluorobenzene (S)	%	99	75-125	03/27/17 12:03	
Toluene-d8 (S)	%	97	75-125	03/27/17 12:03	

LABORATORY CONTROL SAMPLE & LCSD: 2545626

2545627

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.3	19.0	96	95	75-125	2	30	
1,1,1-Trichloroethane	ug/L	20	18.7	18.5	93	93	74-125	1	30	
1,1,2,2-Tetrachloroethane	ug/L	20	19.2	19.0	96	95	67-131	1	30	
1,1,2-Trichloroethane	ug/L	20	20.3	19.9	101	100	75-125	2	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.4	19.0	97	95	75-125	2	30	
1,1-Dichloroethane	ug/L	20	20.5	20.0	102	100	74-125	2	30	
1,1-Dichloroethene	ug/L	20	20.2	19.9	101	100	74-125	1	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE & LCSD: 2545626			2545627							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	20	19.6	18.9	98	95	74-125	4	30	
1,2,3-Trichlorobenzene	ug/L	20	19.6	19.3	98	96	63-131	2	30	
1,2,3-Trichloropropane	ug/L	20	19.1	19.1	95	95	73-125	0	30	
1,2,4-Trichlorobenzene	ug/L	20	19.8	19.6	99	98	66-126	1	30	
1,2,4-Trimethylbenzene	ug/L	20	20.0	19.5	100	97	74-129	2	30	
1,2-Dibromo-3-chloropropane	ug/L	50	50.8	50.4	102	101	54-129	1	30	
1,2-Dibromoethane (EDB)	ug/L	20	19.3	18.9	97	95	75-125	2	30	
1,2-Dichlorobenzene	ug/L	20	20.3	19.8	101	99	75-125	2	30	
1,2-Dichloroethane	ug/L	20	19.9	19.7	100	99	75-125	1	30	
1,2-Dichloropropane	ug/L	20	21.0	20.5	105	103	75-125	2	30	
1,3,5-Trimethylbenzene	ug/L	20	18.9	18.3	95	92	73-127	3	30	
1,3-Dichlorobenzene	ug/L	20	19.3	18.8	97	94	75-125	3	30	
1,3-Dichloropropane	ug/L	20	20.4	19.7	102	98	69-125	4	30	
1,4-Dichlorobenzene	ug/L	20	19.3	18.5	96	93	75-125	4	30	
2,2-Dichloropropane	ug/L	20	21.6	20.9	108	104	69-125	3	30	
2-Butanone (MEK)	ug/L	100	107	103	107	103	48-145	3	30	
2-Chlorotoluene	ug/L	20	19.8	19.4	99	97	74-125	2	30	
4-Chlorotoluene	ug/L	20	20.2	19.9	101	100	73-125	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	107	111	107	53-138	3	30	
Acetone	ug/L	100	102	107	102	107	70-142	4	30	
Allyl chloride	ug/L	20	21.0	20.2	105	101	61-127	4	30	
Benzene	ug/L	20	20.4	19.9	102	99	65-125	2	30	
Bromobenzene	ug/L	20	20.3	19.8	102	99	75-125	3	30	
Bromochloromethane	ug/L	20	20.1	19.8	101	99	75-125	2	30	
Bromodichloromethane	ug/L	20	19.7	19.2	99	96	73-125	3	30	
Bromoform	ug/L	20	19.2	19.0	96	95	69-125	1	30	
Bromomethane	ug/L	20	19.7	21.0	98	105	40-136	6	30	
Carbon tetrachloride	ug/L	20	18.9	18.4	95	92	70-125	3	30	
Chlorobenzene	ug/L	20	20.3	20.0	102	100	75-125	1	30	
Chloroethane	ug/L	20	19.4	18.8	97	94	67-141	3	30	
Chloroform	ug/L	20	18.7	18.6	94	93	75-125	1	30	
Chloromethane	ug/L	20	20.2	18.4	101	92	50-150	10	30	
cis-1,2-Dichloroethene	ug/L	20	19.4	19.5	97	98	75-125	0	30	
cis-1,3-Dichloropropene	ug/L	20	19.4	19.3	97	96	75-125	0	30	
Dibromochloromethane	ug/L	20	19.3	19.0	96	95	75-125	1	30	
Dibromomethane	ug/L	20	19.5	19.4	98	97	75-129	1	30	
Dichlorodifluoromethane	ug/L	20	16.3	16.1	81	81	59-135	1	30	
Dichlorofluoromethane	ug/L	20	21.5	21.0	107	105	74-130	2	30	
Diethyl ether (Ethyl ether)	ug/L	20	20.1	20.1	100	101	66-132	0	30	
Ethylbenzene	ug/L	20	20.6	20.1	103	100	75-125	3	30	
Hexachloro-1,3-butadiene	ug/L	20	20.3	20.7	102	104	72-126	2	30	
Isopropylbenzene (Cumene)	ug/L	20	20.4	20.1	102	101	71-136	2	30	
m&p-Xylene	ug/L	40	40.6	39.4	102	98	75-125	3	30	
Methyl-tert-butyl ether	ug/L	20	20.3	20.2	101	101	73-127	0	30	
Methylene Chloride	ug/L	20	18.9	19.0	95	95	68-128	0	30	
n-Butylbenzene	ug/L	20	20.9	20.4	105	102	70-126	3	30	
n-Propylbenzene	ug/L	20	20.2	19.7	101	98	67-131	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10382245

LABORATORY CONTROL SAMPLE & LCSD: 2545626			2545627							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	20	20.1	19.8	100	99	52-134	1	30	
o-Xylene	ug/L	20	18.8	18.6	94	93	75-125	1	30	
p-Isopropyltoluene	ug/L	20	20.4	20.0	102	100	74-125	2	30	
sec-Butylbenzene	ug/L	20	18.7	18.3	94	91	69-134	2	30	
Styrene	ug/L	20	19.0	18.6	95	93	75-125	2	30	
tert-Butylbenzene	ug/L	20	20.0	19.5	100	98	71-128	2	30	
Tetrachloroethene	ug/L	20	18.7	18.2	93	91	74-125	3	30	
Tetrahydrofuran	ug/L	200	190	211	95	105	64-142	10	30	
Toluene	ug/L	20	18.2	17.9	91	89	75-125	1	30	
trans-1,2-Dichloroethene	ug/L	20	20.6	20.2	103	101	73-125	2	30	
trans-1,3-Dichloropropene	ug/L	20	19.2	18.8	96	94	75-125	2	30	
Trichloroethene	ug/L	20	19.9	19.7	99	99	75-125	1	30	
Trichlorofluoromethane	ug/L	20	21.8	21.7	109	109	75-126	0	30	
Vinyl chloride	ug/L	20	19.6	18.8	98	94	72-125	4	30	
Xylene (Total)	ug/L	60	59.5	58.0	99	97	75-125	3	30	
1,2-Dichloroethane-d4 (S)	%				94	95	75-125			
4-Bromofluorobenzene (S)	%				97	98	75-125			
Toluene-d8 (S)	%				98	98	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WAKS2510C
Pace Project No.: 10382245

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 464754

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 465700

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS2510C

Pace Project No.: 10382245

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10382245001	MW8: G031417	EPA 8260B	464937		
10382245002	EB: W031317	EPA 8260B	464754		
10382245003	MW18: G031417	EPA 8260B	464937		
10382245004	MW18D: G031417	EPA 8260B	464937		
10382245005	MW9: G031417	EPA 8260B	464937		
10382245006	MW11: G031417	EPA 8260B	464937		
10382245007	MW4: G031417	EPA 8260B	465472		
10382245008	MW19: G031417	EPA 8260B	464937		
10382245009	MW19D: G031517	EPA 8260B	464937		
10382245010	MW22D: G031417	EPA 8260B	464937		
10382245011	MW20D: G031417	EPA 8260B	464937		
10382245012	MW21D: G031417	EPA 8260B	464937		
10382245013	MW17: G031517	EPA 8260B	465472		
10382245014	MW17D: G031517	EPA 8260B	465472		
10382245015	MW14: G031517	EPA 8260B	465472		
10382245016	MW16: G031517	EPA 8260B	465472		
10382245017	MW10: G031517	EPA 8260B	465472		
10382245018	MW15D: G031617	EPA 8260B	465519		
10382245019	MW15: G031617	EPA 8260B	465519		
10382245020	MW101: G031617	EPA 8260B	465519		
10382245021	MW23: G031617	EPA 8260B	465519		
10382245022	MW12: G031617	EPA 8260B	465700		
10382245023	MW5: G031617	EPA 8260B	465700		
10382245024	MW6: G031617	EPA 8260B	465700		
10382245025	MW1D: G031617	EPA 8260B	465700		
10382245026	EB2: W031617	EPA 8260B	465700		
10382245027	MW13: G031717	EPA 8260B	465700		
10382245028	MW1: G031717	EPA 8260B	465700		
10382245029	FD: G031617	EPA 8260B	465700		
10382245030	FD2: G031717	EPA 8260B	465700		
10382245031	Field Blanks	EPA 8260B	465519		

REPORT OF LABORATORY ANALYSIS

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Section A

Required Client Information:

Company: **ELAM**
Address: **176 W. Logan St., Suite 147**
Noblesville, IN 46060
Email To: **james.hogan@elamusa.com**
Phone: **888-510-3521** Fax
Requested Due Date/TAT: **10 Day (Standard)**

Section B

Required Project Information:

Report To: James Hogen
Copy To: _____
Purchase Order No.: WAKS2510C7.1
Client Project ID: WAKS2510C
Container Order Number: _____

Section C

Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Tim Sandager
Pace Profile #:	37235

Requested Analysis Filtered (Y/N)

[illegible]

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Jim Groves John Groves / Pace	3/17/15	1243	Mick On ~~Pace~~	3/17/15	1245	3.5 Y N Y
		3/17/17	14:05	~~Pace~~	3/18/17	9:00	0.9 Y Y Y
P							

SAMPLER NAME AND SIGNATURE:		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tim Cornett					
SIGNATURE of SAMPLER: 	DATE Signed: 3/17/17				

CHAIN-OF-CUSTODY Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10382245

Section A

Required Client Information:

Company: **ELAM**
 Address:
 Email To: **james.hogan@elamusa.com**
 Phone: **888-510-3526** Fax
 Requested Due Date/TAT: **10 Day (Standard)**

Section B

Required Project Information:

Report To: **James Hogan**
 Copy To:
 Purchase Order No. **WAKS251067.1**
 Client Project ID: **WAKS25106**
 Container Order Number:

Section C

Invoice Information:

Attention:
 Company Name:
 Address:
 Pace Quote Reference:
 Pace Project Manager: **Tim Sandager**
 Pace Profile #: **31235**

Page : **2** of **3**

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis: Filtered (Y/N)										Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other		Analyses Test	VOL	8260																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Tim Cornett	3/17/17	1243	MAKER	5/12/17	1243	3.9	Y	N	Y
	Jenny Gross / Pace	3/17/17	14:05	Jenny Pace	3/18/17	9:20	0.9	Y	Y	Y

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tim Cornett	SIGNATURE of SAMPLER: Tim Cornett				
DATE Signed: 3/17/17					

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10580045

Section A

Required Client Information:

Company: **ELAM**
Address:
Email To: **james.hogan@elamusa.com**
Phone: **888-510-3526** Fax:
Requested Due Date/TAT: **10 Day (Standard)**

Section B

Required Project Information:

Report To: **James Hogan**
Copy To:
Purchase Order No. **WAKS251007.1**
Client Project ID: **WAKS25100**
Container Order Number:

Section C

Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: **Tim Sandager**
Pace Profile #: **37235**

Page: **3** of **3**

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 /, -,) Sample Ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analyses Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Tim Cornett	3/17/17	1243	Tim Cornett	3/17/17	1243	3/18/17	9:20	3/18/17	9:20
	JENNIFER GROSS / Pace	3/17/17	14:05	JENNIFER GROSS / Pace	3/18/17	9:20	08	Y	Y	Y

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tim Cornett					
SIGNATURE of SAMPLER: Tim Cornett	DATE Signed: 3/17/17				

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 19Dec2016 Page 1 of 2
	Document No.: F-MN-L-213-rev.20	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt	Client Name: <u>E. Lam</u>	Project #: WO#: 10382245
	Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ SpeedDee ☐ Other: _____ Tracking Number: <u>7222 2739 944</u>	 10382245

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No	Seals Intact? ☒ Yes ☐ No	Optional: Proj. Due Date: _____ Proj. Name: _____
Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: _____	Temp Blank? ☒ Yes ☐ No	
Thermometer Used: ☒ 151401163 ☐ 151401164	Type of Ice: ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun	
Cooler Temp Read (°C): <u>0.8</u>	Cooler Temp Corrected (°C): <u>0.9</u>	Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A
Temp should be above freezing to 6°C	Correction Factor: <u>10.1</u>	Date and Initials of Person Examining Contents: <u>R6 3/18/17</u>
USDA Regulated Soil (☒ N/A, water sample) Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.		

	COMMENTS:
Chain of Custody Present? ☒ Yes ☐ No	1.
Chain of Custody Filled Out? ☒ Yes ☐ No	2.
Chain of Custody Relinquished? ☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC? ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time? ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)? ☐ Yes ☒ No	6.
Rush Turn Around Time Requested? ☐ Yes ☒ No	7.
Sufficient Volume? ☒ Yes ☐ No	8.
Correct Containers Used? ☒ Yes ☐ No	9.
-Pace Containers Used? ☒ Yes ☐ No	
Containers Intact? ☒ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests? ☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? ☒ Yes ☒ No	12. <u>see exceptions</u>
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	
All containers needing acid/base preservation have been checked? ☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? ☐ Yes ☐ No ☒ N/A	Sample #
(HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin. ☐ Yes ☐ No ☒ N/A	Initial when completed: _____ Lot # of added preservative: _____
Headspace in VOA Vials (>6mm)? ☐ Yes ☐ No ☒ N/A	14.
Trip Blank Present? ☐ Yes ☐ No ☒ N/A	15.
Trip Blank Custody Seals Present? ☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased): _____	

CLIENT NOTIFICATION/RESOLUTION		Field Data Required? ☐ Yes ☐ No
Person Contacted: _____	Date/Time: _____	
Comments/Resolution: _____		
Project Manager Review: <u></u> Date: <u>03/20/17</u>		

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 19Dec2016 Page 2 of 2
	Document No.: F-MN-L-213-rev.20	Issuing Authority: Pace Minnesota Quality Office

SCUR Exceptions:
Workorder #:

Issue	Sample ID	Container Type/#
extra	Field blanks	VC9H
	3/15/17 07:49	

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH Upon Receipt	Date Preservation Adjusted	Time Preservation Adjusted	Amount of Additional Preservative Added	Lot # of Preservative Added	pH After Adjustment	Initials



Appendix D.3

2Q 2017 GW Laboratory Report

July 17, 2017

Jason Oland
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS2510C7.2 WAKS2510C
Pace Project No.: 10394504

Dear Jason Oland:

Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tia Diggins
tia.diggins@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: James Hogan, ELAM Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia WW Certification #: 382

Wisconsin Certification #: 999407970

Wyoming via EPA Region 8 Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10394504001	MW22D:G062717	Water	06/27/17 09:45	07/01/17 09:00
10394504002	MW20D:G062717	Water	06/27/17 10:50	07/01/17 09:00
10394504003	MW19D:G062717	Water	06/27/17 13:05	07/01/17 09:00
10394504004	MW19:G062717	Water	06/27/17 13:55	07/01/17 09:00
10394504005	MW18D:G062717	Water	06/27/17 15:10	07/01/17 09:00
10394504006	MW18:G062717	Water	06/27/17 16:20	07/01/17 09:00
10394504007	MW10:G062717	Water	06/27/17 17:50	07/01/17 09:00
10394504008	MW21D:G062717	Water	06/27/17 18:40	07/01/17 09:00
10394504009	EB1:W062717	Water	06/27/17 08:25	07/01/17 09:00
10394504010	MW17D:G062817	Water	06/28/17 12:40	07/01/17 09:00
10394504011	MW17:G062817	Water	06/28/17 13:25	07/01/17 09:00
10394504012	MW14:G062817	Water	06/28/17 09:10	07/01/17 09:00
10394504013	Trip Blank	Water	06/28/17 00:00	07/01/17 09:00
10394504014	MW8: G062817	Water	06/28/17 10:05	07/01/17 09:00
10394504015	MW12: G062817	Water	06/28/17 10:45	07/01/17 09:00
10394504016	MW9: G062817	Water	06/28/17 14:45	07/01/17 09:00
10394504017	MW1D: G062817	Water	06/28/17 15:35	07/01/17 09:00
10394504018	MW4: G062817	Water	06/28/17 16:30	07/01/17 09:00
10394504019	MW16: G062917	Water	06/29/17 08:30	07/01/17 09:00
10394504020	MW15D: G062917	Water	06/29/17 09:35	07/01/17 09:00
10394504021	MW5: G062917	Water	06/29/17 11:45	07/01/17 09:00
10394504022	MW13: G062917	Water	06/29/17 12:35	07/01/17 09:00
10394504023	MW6: G062917	Water	06/29/17 14:35	07/01/17 09:00
10394504024	MW1: G062917	Water	06/29/17 15:30	07/01/17 09:00
10394504025	FD1: G062917	Water	06/29/17 00:00	07/01/17 09:00
10394504026	MW101:G062917	Water	06/29/17 10:35	07/01/17 09:00
10394504027	MW23:G062917	Water	06/29/17 17:20	07/01/17 09:00
10394504028	MW11:G063017	Water	06/29/17 08:40	07/01/17 09:00
10394504029	EB2: G063017	Water	06/29/17 09:15	07/01/17 09:00
10394504030	MW15: G063017	Water	06/30/17 09:55	07/01/17 09:00
10394504031	FD2: G063017	Water	06/30/17 00:00	07/01/17 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10394504001	MW22D:G062717	EPA 8260B	DJB	72	PASI-M
10394504002	MW20D:G062717	EPA 8260B	DJB	72	PASI-M
10394504003	MW19D:G062717	EPA 8260B	DJB	72	PASI-M
10394504004	MW19:G062717	EPA 8260B	DJB	72	PASI-M
10394504005	MW18D:G062717	EPA 8260B	DJB	72	PASI-M
10394504006	MW18:G062717	EPA 8260B	DJB	72	PASI-M
10394504007	MW10:G062717	EPA 8260B	DJB	72	PASI-M
10394504008	MW21D:G062717	EPA 8260B	DJB	72	PASI-M
10394504009	EB1:W062717	EPA 8260B	DJB	72	PASI-M
10394504010	MW17D:G062817	EPA 8260B	DJB	72	PASI-M
10394504011	MW17:G062817	EPA 8260B	DJB	72	PASI-M
10394504012	MW14:G062817	EPA 8260B	DJB	72	PASI-M
10394504013	Trip Blank	EPA 8260B	DJB	72	PASI-M
10394504014	MW8: G062817	EPA 8260B	DJB	72	PASI-M
10394504015	MW12: G062817	EPA 8260B	DJB	72	PASI-M
10394504016	MW9: G062817	EPA 8260B	DJB	72	PASI-M
10394504017	MW1D: G062817	EPA 8260B	DJB	72	PASI-M
10394504018	MW4: G062817	EPA 8260B	DJB	72	PASI-M
10394504019	MW16: G062917	EPA 8260B	DJB	72	PASI-M
10394504020	MW15D: G062917	EPA 8260B	DJB	72	PASI-M
10394504021	MW5: G062917	EPA 8260B	DJB	72	PASI-M
10394504022	MW13: G062917	EPA 8260B	DJB	72	PASI-M
10394504023	MW6: G062917	EPA 8260B	DJB	72	PASI-M
10394504024	MW1: G062917	EPA 8260B	DJB	72	PASI-M
10394504025	FD1: G062917	EPA 8260B	DJB	72	PASI-M
10394504026	MW101:G062917	EPA 8260B	DJB	72	PASI-M
10394504027	MW23:G062917	EPA 8260B	DJB	72	PASI-M
10394504028	MW11:G063017	EPA 8260B	DJB	72	PASI-M
10394504029	EB2: G063017	EPA 8260B	DJB	72	PASI-M
10394504030	MW15: G063017	EPA 8260B	DJB	72	PASI-M
10394504031	FD2: G063017	EPA 8260B	DJB	72	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW22D:G062717		Lab ID: 10394504001		Collected: 06/27/17 09:45		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/08/17 06:32	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 06:32	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 06:32	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 06:32	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 06:32	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 06:32	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 06:32	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 06:32	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 06:32	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 06:32	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 06:32	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 06:32	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 06:32	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 06:32	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 06:32	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 06:32	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 06:32	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 06:32	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 06:32	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 06:32	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 06:32	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 06:32	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 06:32	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 06:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 06:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 06:32	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 06:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 06:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 06:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 06:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 06:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 06:32	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 06:32	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 06:32	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 06:32	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 06:32	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 06:32	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 06:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 06:32	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 06:32	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 06:32	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 06:32	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 06:32	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 06:32	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 06:32	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 06:32	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 06:32	1634-04-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW22D:G062717		Lab ID: 10394504001		Collected: 06/27/17 09:45		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 06:32	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 06:32	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 06:32	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 06:32	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 06:32	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 06:32	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 06:32	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 06:32	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 06:32	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 06:32	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 06:32	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 06:32	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 06:32	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 06:32	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 06:32	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 06:32	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 06:32	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 06:32	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 06:32	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 06:32	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 06:32	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 06:32	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	110	%.	75-137	1		07/08/17 06:32	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		07/08/17 06:32	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		07/08/17 06:32	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW20D:G062717		Lab ID: 10394504002		Collected: 06/27/17 10:50		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/08/17 06:53	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 06:53	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 06:53	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 06:53	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 06:53	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 06:53	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 06:53	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 06:53	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 06:53	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 06:53	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 06:53	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 06:53	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 06:53	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 06:53	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 06:53	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 06:53	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 06:53	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 06:53	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 06:53	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 06:53	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 06:53	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 06:53	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 06:53	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 06:53	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 06:53	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 06:53	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 06:53	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 06:53	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 06:53	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 06:53	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 06:53	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 06:53	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 06:53	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 06:53	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 06:53	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 06:53	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 06:53	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 06:53	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 06:53	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 06:53	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 06:53	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 06:53	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 06:53	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 06:53	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 06:53	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 06:53	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 06:53	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW20D:G062717		Lab ID: 10394504002		Collected: 06/27/17 10:50		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 06:53	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 06:53	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 06:53	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 06:53	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 06:53	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 06:53	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 06:53	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 06:53	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 06:53	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 06:53	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 06:53	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 06:53	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 06:53	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 06:53	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 06:53	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 06:53	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 06:53	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 06:53	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 06:53	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 06:53	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 06:53	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 06:53	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		07/08/17 06:53	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		07/08/17 06:53	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/08/17 06:53	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW19D:G062717		Lab ID: 10394504003		Collected: 06/27/17 13:05		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/08/17 05:05	67-64-1	M1	
Allyl chloride	ND	ug/L	4.0	1		07/08/17 05:05	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 05:05	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 05:05	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 05:05	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 05:05	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 05:05	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 05:05	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 05:05	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 05:05	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 05:05	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 05:05	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 05:05	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 05:05	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 05:05	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 05:05	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 05:05	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 05:05	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 05:05	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 05:05	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 05:05	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 05:05	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 05:05	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 05:05	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 05:05	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 05:05	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 05:05	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 05:05	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 05:05	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 05:05	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 05:05	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 05:05	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 05:05	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 05:05	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 05:05	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 05:05	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 05:05	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 05:05	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 05:05	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 05:05	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 05:05	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 05:05	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 05:05	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 05:05	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 05:05	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 05:05	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 05:05	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW19D:G062717		Lab ID: 10394504003		Collected: 06/27/17 13:05		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 05:05	91-20-3	M1	
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 05:05	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 05:05	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 05:05	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 05:05	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 05:05	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 05:05	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 05:05	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 05:05	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 05:05	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 05:05	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 05:05	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 05:05	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 05:05	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 05:05	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 05:05	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 05:05	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 05:05	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 05:05	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 05:05	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 05:05	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 05:05	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-137	1		07/08/17 05:05	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		07/08/17 05:05	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		07/08/17 05:05	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW19:G062717		Lab ID: 10394504004		Collected: 06/27/17 13:55		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/08/17 05:26	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 05:26	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 05:26	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 05:26	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 05:26	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 05:26	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 05:26	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 05:26	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 05:26	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 05:26	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 05:26	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 05:26	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 05:26	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 05:26	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 05:26	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 05:26	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 05:26	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 05:26	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 05:26	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 05:26	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 05:26	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 05:26	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 05:26	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 05:26	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 05:26	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 05:26	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 05:26	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 05:26	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 05:26	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 05:26	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 05:26	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 05:26	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 05:26	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 05:26	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 05:26	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 05:26	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 05:26	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 05:26	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 05:26	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 05:26	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 05:26	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 05:26	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 05:26	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 05:26	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 05:26	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 05:26	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 05:26	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW19:G062717		Lab ID: 10394504004		Collected: 06/27/17 13:55		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 05:26	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 05:26	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 05:26	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 05:26	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 05:26	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 05:26	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 05:26	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 05:26	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 05:26	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 05:26	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 05:26	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 05:26	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 05:26	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 05:26	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 05:26	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 05:26	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 05:26	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 05:26	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 05:26	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 05:26	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 05:26	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 05:26	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-137	1		07/08/17 05:26	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		07/08/17 05:26	2037-26-5		
4-Bromofluorobenzene (S)	104	%.	75-125	1		07/08/17 05:26	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW18D:G062717		Lab ID: 10394504005		Collected: 06/27/17 15:10		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/08/17 07:15	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 07:15	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 07:15	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 07:15	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 07:15	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 07:15	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 07:15	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 07:15	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 07:15	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:15	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:15	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:15	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 07:15	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 07:15	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 07:15	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 07:15	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 07:15	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 07:15	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 07:15	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 07:15	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 07:15	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 07:15	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 07:15	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:15	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:15	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:15	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 07:15	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 07:15	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 07:15	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:15	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:15	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:15	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 07:15	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 07:15	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 07:15	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 07:15	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:15	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:15	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:15	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 07:15	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 07:15	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 07:15	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 07:15	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 07:15	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 07:15	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 07:15	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 07:15	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW18D:G062717		Lab ID: 10394504005		Collected: 06/27/17 15:10		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 07:15	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 07:15	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 07:15	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 07:15	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 07:15	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 07:15	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 07:15	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 07:15	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 07:15	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 07:15	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 07:15	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 07:15	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 07:15	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 07:15	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 07:15	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 07:15	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 07:15	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 07:15	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 07:15	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 07:15	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 07:15	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 07:15	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%.	75-137	1		07/08/17 07:15	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		07/08/17 07:15	2037-26-5		
4-Bromofluorobenzene (S)	103	%.	75-125	1		07/08/17 07:15	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW18:G062717		Lab ID: 10394504006		Collected: 06/27/17 16:20		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/08/17 07:37	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 07:37	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 07:37	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 07:37	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 07:37	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 07:37	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 07:37	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 07:37	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 07:37	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:37	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:37	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:37	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 07:37	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 07:37	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 07:37	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 07:37	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 07:37	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 07:37	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 07:37	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 07:37	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 07:37	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 07:37	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 07:37	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:37	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:37	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:37	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 07:37	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 07:37	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 07:37	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:37	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:37	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:37	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 07:37	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 07:37	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 07:37	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 07:37	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:37	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:37	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:37	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 07:37	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 07:37	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 07:37	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 07:37	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 07:37	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 07:37	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 07:37	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 07:37	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW18:G062717		Lab ID: 10394504006		Collected: 06/27/17 16:20		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 07:37	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 07:37	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 07:37	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 07:37	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 07:37	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 07:37	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 07:37	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 07:37	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 07:37	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 07:37	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 07:37	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 07:37	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 07:37	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 07:37	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 07:37	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 07:37	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 07:37	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 07:37	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 07:37	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 07:37	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 07:37	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 07:37	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	75-137	1		07/08/17 07:37	17060-07-0		
Toluene-d8 (S)	99	%	75-125	1		07/08/17 07:37	2037-26-5		
4-Bromofluorobenzene (S)	102	%	75-125	1		07/08/17 07:37	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW10:G062717		Lab ID: 10394504007		Collected: 06/27/17 17:50		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/08/17 07:59	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 07:59	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 07:59	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 07:59	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 07:59	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 07:59	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 07:59	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 07:59	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 07:59	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:59	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:59	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 07:59	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 07:59	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 07:59	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 07:59	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 07:59	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 07:59	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 07:59	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 07:59	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 07:59	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 07:59	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 07:59	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 07:59	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:59	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:59	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 07:59	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 07:59	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 07:59	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 07:59	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:59	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:59	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 07:59	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 07:59	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 07:59	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 07:59	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 07:59	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:59	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:59	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 07:59	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 07:59	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 07:59	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 07:59	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 07:59	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 07:59	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 07:59	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 07:59	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 07:59	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW10:G062717		Lab ID: 10394504007		Collected: 06/27/17 17:50		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 07:59	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 07:59	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 07:59	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 07:59	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 07:59	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 07:59	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 07:59	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 07:59	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 07:59	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 07:59	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 07:59	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 07:59	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 07:59	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 07:59	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 07:59	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 07:59	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 07:59	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 07:59	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 07:59	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 07:59	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 07:59	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 07:59	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		07/08/17 07:59	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		07/08/17 07:59	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/08/17 07:59	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW21D:G062717		Lab ID: 10394504008		Collected: 06/27/17 18:40		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/08/17 08:21	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 08:21	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 08:21	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 08:21	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 08:21	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 08:21	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 08:21	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 08:21	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 08:21	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 08:21	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 08:21	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 08:21	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 08:21	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 08:21	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 08:21	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 08:21	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 08:21	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 08:21	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 08:21	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 08:21	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 08:21	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 08:21	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 08:21	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 08:21	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 08:21	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 08:21	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 08:21	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 08:21	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 08:21	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 08:21	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 08:21	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 08:21	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 08:21	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 08:21	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 08:21	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 08:21	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 08:21	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 08:21	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 08:21	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 08:21	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 08:21	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 08:21	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 08:21	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 08:21	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 08:21	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 08:21	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 08:21	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW21D:G062717		Lab ID: 10394504008		Collected: 06/27/17 18:40		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 08:21	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 08:21	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 08:21	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 08:21	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 08:21	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 08:21	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 08:21	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 08:21	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 08:21	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 08:21	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 08:21	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 08:21	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 08:21	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 08:21	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 08:21	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 08:21	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 08:21	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 08:21	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 08:21	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 08:21	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 08:21	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 08:21	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-137	1		07/08/17 08:21	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		07/08/17 08:21	2037-26-5		
4-Bromofluorobenzene (S)	103	%.	75-125	1		07/08/17 08:21	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: EB1:W062717		Lab ID: 10394504009	Collected: 06/27/17 08:25	Received: 07/01/17 09:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	21.4	ug/L	20.0	1		07/08/17 04:43	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		07/08/17 04:43	107-05-1	
Benzene	ND	ug/L	0.50	1		07/08/17 04:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		07/08/17 04:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 04:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 04:43	75-27-4	
Bromoform	ND	ug/L	4.0	1		07/08/17 04:43	75-25-2	
Bromomethane	ND	ug/L	4.0	1		07/08/17 04:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 04:43	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 04:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 04:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 04:43	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 04:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 04:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/08/17 04:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/08/17 04:43	67-66-3	
Chloromethane	ND	ug/L	4.0	1		07/08/17 04:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 04:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 04:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 04:43	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 04:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 04:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/08/17 04:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 04:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 04:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 04:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 04:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 04:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 04:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 04:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 04:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 04:43	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 04:43	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 04:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 04:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 04:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 04:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 04:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 04:43	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 04:43	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 04:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 04:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 04:43	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 04:43	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 04:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 04:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 04:43	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: EB1:W062717		Lab ID: 10394504009		Collected: 06/27/17 08:25		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 04:43	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 04:43	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 04:43	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 04:43	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 04:43	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 04:43	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 04:43	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 04:43	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 04:43	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 04:43	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 04:43	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 04:43	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 04:43	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 04:43	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 04:43	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 04:43	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 04:43	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 04:43	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 04:43	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 04:43	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 04:43	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 04:43	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-137	1		07/08/17 04:43	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		07/08/17 04:43	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/08/17 04:43	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW17D:G062817		Lab ID: 10394504010		Collected: 06/28/17 12:40		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/08/17 08:42	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 08:42	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 08:42	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 08:42	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 08:42	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 08:42	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 08:42	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 08:42	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 08:42	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 08:42	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 08:42	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 08:42	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 08:42	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 08:42	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 08:42	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 08:42	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 08:42	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 08:42	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 08:42	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 08:42	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 08:42	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 08:42	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 08:42	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 08:42	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 08:42	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 08:42	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 08:42	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 08:42	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 08:42	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 08:42	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 08:42	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 08:42	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 08:42	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 08:42	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 08:42	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 08:42	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 08:42	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 08:42	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 08:42	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 08:42	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 08:42	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 08:42	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 08:42	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 08:42	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 08:42	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 08:42	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 08:42	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW17D:G062817		Lab ID: 10394504010		Collected: 06/28/17 12:40		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 08:42	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 08:42	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 08:42	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 08:42	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 08:42	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 08:42	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 08:42	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 08:42	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 08:42	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 08:42	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 08:42	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 08:42	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 08:42	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 08:42	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 08:42	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 08:42	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 08:42	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 08:42	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 08:42	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 08:42	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 08:42	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 08:42	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		07/08/17 08:42	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		07/08/17 08:42	2037-26-5		
4-Bromofluorobenzene (S)	105	%.	75-125	1		07/08/17 08:42	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW17:G062817		Lab ID: 10394504011		Collected: 06/28/17 13:25		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/08/17 09:04	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 09:04	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 09:04	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 09:04	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 09:04	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 09:04	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 09:04	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 09:04	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 09:04	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 09:04	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 09:04	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 09:04	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 09:04	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 09:04	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 09:04	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 09:04	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 09:04	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 09:04	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 09:04	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 09:04	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 09:04	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 09:04	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 09:04	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 09:04	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 09:04	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 09:04	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 09:04	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 09:04	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 09:04	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 09:04	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 09:04	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 09:04	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 09:04	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 09:04	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 09:04	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 09:04	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 09:04	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 09:04	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 09:04	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 09:04	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 09:04	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 09:04	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 09:04	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 09:04	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 09:04	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 09:04	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 09:04	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW17:G062817		Lab ID: 10394504011		Collected: 06/28/17 13:25		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 09:04	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 09:04	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 09:04	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 09:04	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 09:04	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 09:04	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 09:04	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 09:04	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 09:04	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 09:04	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 09:04	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 09:04	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 09:04	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 09:04	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 09:04	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 09:04	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 09:04	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 09:04	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 09:04	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 09:04	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 09:04	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 09:04	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		07/08/17 09:04	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		07/08/17 09:04	2037-26-5		
4-Bromofluorobenzene (S)	103	%.	75-125	1		07/08/17 09:04	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW14:G062817		Lab ID: 10394504012		Collected: 06/28/17 09:10		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/08/17 09:26	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 09:26	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 09:26	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 09:26	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 09:26	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 09:26	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 09:26	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 09:26	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 09:26	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 09:26	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 09:26	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 09:26	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 09:26	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 09:26	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 09:26	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 09:26	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 09:26	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 09:26	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 09:26	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 09:26	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 09:26	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 09:26	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 09:26	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 09:26	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 09:26	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 09:26	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 09:26	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 09:26	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 09:26	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 09:26	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 09:26	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 09:26	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 09:26	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 09:26	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 09:26	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 09:26	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 09:26	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 09:26	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 09:26	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 09:26	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 09:26	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 09:26	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 09:26	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 09:26	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 09:26	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 09:26	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 09:26	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW14:G062817		Lab ID: 10394504012		Collected: 06/28/17 09:10		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 09:26	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 09:26	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 09:26	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 09:26	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 09:26	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 09:26	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 09:26	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 09:26	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 09:26	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 09:26	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 09:26	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 09:26	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 09:26	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 09:26	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 09:26	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 09:26	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 09:26	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 09:26	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 09:26	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 09:26	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 09:26	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 09:26	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-137	1		07/08/17 09:26	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		07/08/17 09:26	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/08/17 09:26	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: Trip Blank		Lab ID: 10394504013	Collected: 06/28/17 00:00	Received: 07/01/17 09:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		07/08/17 18:17	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		07/08/17 18:17	107-05-1	
Benzene	ND	ug/L	0.50	1		07/08/17 18:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		07/08/17 18:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 18:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 18:17	75-27-4	
Bromoform	ND	ug/L	4.0	1		07/08/17 18:17	75-25-2	
Bromomethane	ND	ug/L	4.0	1		07/08/17 18:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 18:17	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 18:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 18:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 18:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 18:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 18:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/08/17 18:17	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/08/17 18:17	67-66-3	
Chloromethane	ND	ug/L	4.0	1		07/08/17 18:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 18:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 18:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 18:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 18:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 18:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/08/17 18:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 18:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 18:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 18:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 18:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 18:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 18:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 18:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 18:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 18:17	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 18:17	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 18:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 18:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 18:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 18:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 18:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 18:17	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 18:17	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 18:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 18:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 18:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 18:17	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 18:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 18:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 18:17	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: Trip Blank		Lab ID: 10394504013		Collected: 06/28/17 00:00		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 18:17	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 18:17	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 18:17	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 18:17	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 18:17	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 18:17	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 18:17	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 18:17	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 18:17	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 18:17	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 18:17	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 18:17	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 18:17	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 18:17	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 18:17	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 18:17	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 18:17	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 18:17	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 18:17	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 18:17	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 18:17	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 18:17	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-137	1		07/08/17 18:17	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		07/08/17 18:17	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/08/17 18:17	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW8: G062817		Lab ID: 10394504014		Collected: 06/28/17 10:05		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/08/17 23:21	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 23:21	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 23:21	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 23:21	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 23:21	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 23:21	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 23:21	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 23:21	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 23:21	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 23:21	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 23:21	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 23:21	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 23:21	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 23:21	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 23:21	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 23:21	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 23:21	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 23:21	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 23:21	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 23:21	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 23:21	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 23:21	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 23:21	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 23:21	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 23:21	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 23:21	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 23:21	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 23:21	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 23:21	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 23:21	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 23:21	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 23:21	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 23:21	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 23:21	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 23:21	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 23:21	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 23:21	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 23:21	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 23:21	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 23:21	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 23:21	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 23:21	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 23:21	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 23:21	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 23:21	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 23:21	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 23:21	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW8: G062817		Lab ID: 10394504014		Collected: 06/28/17 10:05		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 23:21	91-20-3	M1	
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 23:21	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 23:21	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 23:21	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 23:21	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 23:21	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 23:21	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 23:21	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 23:21	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 23:21	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 23:21	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 23:21	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 23:21	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 23:21	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 23:21	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 23:21	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 23:21	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 23:21	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 23:21	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 23:21	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 23:21	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 23:21	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%.	75-137	1		07/08/17 23:21	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		07/08/17 23:21	2037-26-5		
4-Bromofluorobenzene (S)	103	%.	75-125	1		07/08/17 23:21	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW12: G062817		Lab ID: 10394504015		Collected: 06/28/17 10:45		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/08/17 23:42	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/08/17 23:42	107-05-1		
Benzene	ND	ug/L	0.50	1		07/08/17 23:42	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/08/17 23:42	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/08/17 23:42	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/08/17 23:42	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/08/17 23:42	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/08/17 23:42	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/08/17 23:42	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/08/17 23:42	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/08/17 23:42	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/08/17 23:42	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/08/17 23:42	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/08/17 23:42	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/08/17 23:42	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/08/17 23:42	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/08/17 23:42	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 23:42	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/08/17 23:42	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/08/17 23:42	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/08/17 23:42	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/08/17 23:42	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/08/17 23:42	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 23:42	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 23:42	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/08/17 23:42	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/08/17 23:42	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/08/17 23:42	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/08/17 23:42	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/08/17 23:42	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 23:42	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/08/17 23:42	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/08/17 23:42	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/08/17 23:42	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/08/17 23:42	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/08/17 23:42	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/08/17 23:42	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 23:42	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/08/17 23:42	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/08/17 23:42	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/08/17 23:42	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/08/17 23:42	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/08/17 23:42	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/08/17 23:42	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/08/17 23:42	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/08/17 23:42	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/08/17 23:42	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW12: G062817		Lab ID: 10394504015		Collected: 06/28/17 10:45		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/08/17 23:42	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/08/17 23:42	103-65-1		
Styrene	ND	ug/L	0.50	1		07/08/17 23:42	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 23:42	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/08/17 23:42	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/08/17 23:42	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/08/17 23:42	109-99-9		
Toluene	ND	ug/L	0.50	1		07/08/17 23:42	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 23:42	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/08/17 23:42	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/08/17 23:42	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/08/17 23:42	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/08/17 23:42	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/08/17 23:42	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/08/17 23:42	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/08/17 23:42	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/08/17 23:42	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/08/17 23:42	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/08/17 23:42	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/08/17 23:42	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/08/17 23:42	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/08/17 23:42	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%.	75-137	1		07/08/17 23:42	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		07/08/17 23:42	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/08/17 23:42	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW9: G062817		Lab ID: 10394504016		Collected: 06/28/17 14:45		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/09/17 00:26	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/09/17 00:26	107-05-1		
Benzene	ND	ug/L	0.50	1		07/09/17 00:26	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/09/17 00:26	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/09/17 00:26	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/09/17 00:26	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/09/17 00:26	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/09/17 00:26	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/09/17 00:26	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/09/17 00:26	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/09/17 00:26	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/09/17 00:26	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/09/17 00:26	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/09/17 00:26	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/09/17 00:26	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/09/17 00:26	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/09/17 00:26	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/09/17 00:26	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/09/17 00:26	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/09/17 00:26	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/09/17 00:26	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/09/17 00:26	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/09/17 00:26	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/09/17 00:26	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/09/17 00:26	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/09/17 00:26	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/09/17 00:26	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/09/17 00:26	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/09/17 00:26	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/09/17 00:26	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/09/17 00:26	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/09/17 00:26	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/09/17 00:26	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/09/17 00:26	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/09/17 00:26	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/09/17 00:26	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/09/17 00:26	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/09/17 00:26	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/09/17 00:26	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/09/17 00:26	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/09/17 00:26	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/09/17 00:26	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/09/17 00:26	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/09/17 00:26	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/09/17 00:26	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/09/17 00:26	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/09/17 00:26	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW9: G062817		Lab ID: 10394504016		Collected: 06/28/17 14:45		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/09/17 00:26	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/09/17 00:26	103-65-1		
Styrene	ND	ug/L	0.50	1		07/09/17 00:26	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/09/17 00:26	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/09/17 00:26	79-34-5		
Tetrachloroethene	6.0	ug/L	0.50	1		07/09/17 00:26	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/09/17 00:26	109-99-9		
Toluene	ND	ug/L	0.50	1		07/09/17 00:26	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/09/17 00:26	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/09/17 00:26	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/09/17 00:26	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/09/17 00:26	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/09/17 00:26	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/09/17 00:26	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/09/17 00:26	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/09/17 00:26	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/09/17 00:26	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/09/17 00:26	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/09/17 00:26	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/09/17 00:26	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/09/17 00:26	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/09/17 00:26	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		07/09/17 00:26	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		07/09/17 00:26	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		07/09/17 00:26	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW1D: G062817		Lab ID: 10394504017		Collected: 06/28/17 15:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			07/09/17 00:48	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			07/09/17 00:48	107-05-1	
Benzene	ND	ug/L	0.50	1			07/09/17 00:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			07/09/17 00:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			07/09/17 00:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			07/09/17 00:48	75-27-4	
Bromoform	ND	ug/L	4.0	1			07/09/17 00:48	75-25-2	
Bromomethane	ND	ug/L	4.0	1			07/09/17 00:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			07/09/17 00:48	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			07/09/17 00:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			07/09/17 00:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			07/09/17 00:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1			07/09/17 00:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1			07/09/17 00:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1			07/09/17 00:48	75-00-3	
Chloroform	ND	ug/L	1.0	1			07/09/17 00:48	67-66-3	
Chloromethane	ND	ug/L	4.0	1			07/09/17 00:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			07/09/17 00:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			07/09/17 00:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			07/09/17 00:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1			07/09/17 00:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			07/09/17 00:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			07/09/17 00:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			07/09/17 00:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			07/09/17 00:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			07/09/17 00:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			07/09/17 00:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			07/09/17 00:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			07/09/17 00:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			07/09/17 00:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			07/09/17 00:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			07/09/17 00:48	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			07/09/17 00:48	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			07/09/17 00:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			07/09/17 00:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			07/09/17 00:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			07/09/17 00:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			07/09/17 00:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			07/09/17 00:48	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			07/09/17 00:48	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			07/09/17 00:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1			07/09/17 00:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			07/09/17 00:48	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			07/09/17 00:48	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			07/09/17 00:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			07/09/17 00:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			07/09/17 00:48	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW1D: G062817		Lab ID: 10394504017		Collected: 06/28/17 15:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1			07/09/17 00:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1			07/09/17 00:48	103-65-1	
Styrene	ND	ug/L	0.50	1			07/09/17 00:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1			07/09/17 00:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1			07/09/17 00:48	79-34-5	
Tetrachloroethene	1.3	ug/L	0.50	1			07/09/17 00:48	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1			07/09/17 00:48	109-99-9	
Toluene	ND	ug/L	0.50	1			07/09/17 00:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1			07/09/17 00:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1			07/09/17 00:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1			07/09/17 00:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1			07/09/17 00:48	79-00-5	
Trichloroethene	ND	ug/L	0.40	1			07/09/17 00:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	0.50	1			07/09/17 00:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1			07/09/17 00:48	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1			07/09/17 00:48	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1			07/09/17 00:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1			07/09/17 00:48	108-67-8	
Vinyl chloride	ND	ug/L	0.20	1			07/09/17 00:48	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1			07/09/17 00:48	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	1			07/09/17 00:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	1			07/09/17 00:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-137	1			07/09/17 00:48	17060-07-0	
Toluene-d8 (S)	100	%.	75-125	1			07/09/17 00:48	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1			07/09/17 00:48	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW4: G062817		Lab ID: 10394504018		Collected: 06/28/17 16:30		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/09/17 01:09	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/09/17 01:09	107-05-1		
Benzene	ND	ug/L	0.50	1		07/09/17 01:09	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/09/17 01:09	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/09/17 01:09	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/09/17 01:09	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/09/17 01:09	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/09/17 01:09	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/09/17 01:09	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/09/17 01:09	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/09/17 01:09	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/09/17 01:09	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/09/17 01:09	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/09/17 01:09	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/09/17 01:09	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/09/17 01:09	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/09/17 01:09	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/09/17 01:09	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/09/17 01:09	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/09/17 01:09	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/09/17 01:09	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/09/17 01:09	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/09/17 01:09	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/09/17 01:09	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/09/17 01:09	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/09/17 01:09	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/09/17 01:09	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/09/17 01:09	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/09/17 01:09	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/09/17 01:09	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/09/17 01:09	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/09/17 01:09	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/09/17 01:09	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/09/17 01:09	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/09/17 01:09	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/09/17 01:09	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/09/17 01:09	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/09/17 01:09	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/09/17 01:09	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/09/17 01:09	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/09/17 01:09	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/09/17 01:09	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/09/17 01:09	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/09/17 01:09	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/09/17 01:09	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/09/17 01:09	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/09/17 01:09	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW4: G062817		Lab ID: 10394504018		Collected: 06/28/17 16:30		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/09/17 01:09	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/09/17 01:09	103-65-1		
Styrene	ND	ug/L	0.50	1		07/09/17 01:09	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/09/17 01:09	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/09/17 01:09	79-34-5		
Tetrachloroethene	4.6	ug/L	0.50	1		07/09/17 01:09	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/09/17 01:09	109-99-9		
Toluene	ND	ug/L	0.50	1		07/09/17 01:09	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/09/17 01:09	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/09/17 01:09	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/09/17 01:09	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/09/17 01:09	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/09/17 01:09	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/09/17 01:09	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/09/17 01:09	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/09/17 01:09	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/09/17 01:09	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/09/17 01:09	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/09/17 01:09	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/09/17 01:09	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/09/17 01:09	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/09/17 01:09	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		07/09/17 01:09	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		07/09/17 01:09	2037-26-5		
4-Bromofluorobenzene (S)	105	%.	75-125	1		07/09/17 01:09	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW16: G062917		Lab ID: 10394504019		Collected: 06/29/17 08:30		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/13/17 01:29	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/13/17 01:29	107-05-1		
Benzene	ND	ug/L	0.50	1		07/13/17 01:29	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/13/17 01:29	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/13/17 01:29	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/13/17 01:29	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/13/17 01:29	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/13/17 01:29	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/13/17 01:29	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/13/17 01:29	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/13/17 01:29	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/13/17 01:29	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/13/17 01:29	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/13/17 01:29	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/13/17 01:29	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/13/17 01:29	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/13/17 01:29	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 01:29	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 01:29	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/13/17 01:29	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/13/17 01:29	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/13/17 01:29	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/13/17 01:29	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 01:29	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 01:29	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 01:29	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/13/17 01:29	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/13/17 01:29	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/13/17 01:29	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/13/17 01:29	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 01:29	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 01:29	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/13/17 01:29	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/13/17 01:29	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/13/17 01:29	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/13/17 01:29	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/13/17 01:29	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 01:29	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 01:29	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/13/17 01:29	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/13/17 01:29	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/13/17 01:29	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/13/17 01:29	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/13/17 01:29	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/13/17 01:29	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/13/17 01:29	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/13/17 01:29	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW16: G062917		Lab ID: 10394504019		Collected: 06/29/17 08:30		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/13/17 01:29	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/13/17 01:29	103-65-1		
Styrene	ND	ug/L	0.50	1		07/13/17 01:29	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 01:29	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 01:29	79-34-5		
Tetrachloroethene	1.9	ug/L	0.50	1		07/13/17 01:29	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/13/17 01:29	109-99-9		
Toluene	ND	ug/L	0.50	1		07/13/17 01:29	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 01:29	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 01:29	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/13/17 01:29	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/13/17 01:29	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/13/17 01:29	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/13/17 01:29	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/13/17 01:29	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/13/17 01:29	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/13/17 01:29	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/13/17 01:29	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/13/17 01:29	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/13/17 01:29	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/13/17 01:29	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/13/17 01:29	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-137	1		07/13/17 01:29	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		07/13/17 01:29	2037-26-5		
4-Bromofluorobenzene (S)	103	%.	75-125	1		07/13/17 01:29	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW15D: G062917		Lab ID: 10394504020		Collected: 06/29/17 09:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/13/17 01:50	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/13/17 01:50	107-05-1		
Benzene	ND	ug/L	0.50	1		07/13/17 01:50	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/13/17 01:50	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/13/17 01:50	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/13/17 01:50	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/13/17 01:50	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/13/17 01:50	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/13/17 01:50	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/13/17 01:50	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/13/17 01:50	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/13/17 01:50	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/13/17 01:50	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/13/17 01:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/13/17 01:50	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/13/17 01:50	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/13/17 01:50	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 01:50	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 01:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/13/17 01:50	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/13/17 01:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/13/17 01:50	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/13/17 01:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 01:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 01:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 01:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/13/17 01:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/13/17 01:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/13/17 01:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/13/17 01:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 01:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 01:50	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/13/17 01:50	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/13/17 01:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/13/17 01:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/13/17 01:50	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/13/17 01:50	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 01:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 01:50	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/13/17 01:50	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/13/17 01:50	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/13/17 01:50	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/13/17 01:50	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/13/17 01:50	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/13/17 01:50	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/13/17 01:50	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/13/17 01:50	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW15D: G062917		Lab ID: 10394504020		Collected: 06/29/17 09:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/13/17 01:50	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/13/17 01:50	103-65-1		
Styrene	ND	ug/L	0.50	1		07/13/17 01:50	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 01:50	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 01:50	79-34-5		
Tetrachloroethene	6.6	ug/L	0.50	1		07/13/17 01:50	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/13/17 01:50	109-99-9		
Toluene	ND	ug/L	0.50	1		07/13/17 01:50	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 01:50	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 01:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/13/17 01:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/13/17 01:50	79-00-5		
Trichloroethene	1.6	ug/L	0.40	1		07/13/17 01:50	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/13/17 01:50	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/13/17 01:50	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/13/17 01:50	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/13/17 01:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/13/17 01:50	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/13/17 01:50	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/13/17 01:50	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/13/17 01:50	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/13/17 01:50	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-137	1		07/13/17 01:50	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	1		07/13/17 01:50	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		07/13/17 01:50	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW5: G062917		Lab ID: 10394504021		Collected: 06/29/17 11:45		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/13/17 02:12	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/13/17 02:12	107-05-1		
Benzene	ND	ug/L	0.50	1		07/13/17 02:12	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/13/17 02:12	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/13/17 02:12	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/13/17 02:12	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/13/17 02:12	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/13/17 02:12	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/13/17 02:12	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/13/17 02:12	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/13/17 02:12	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/13/17 02:12	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/13/17 02:12	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/13/17 02:12	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/13/17 02:12	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/13/17 02:12	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/13/17 02:12	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 02:12	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 02:12	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/13/17 02:12	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/13/17 02:12	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/13/17 02:12	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/13/17 02:12	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 02:12	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 02:12	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 02:12	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/13/17 02:12	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/13/17 02:12	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/13/17 02:12	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/13/17 02:12	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 02:12	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 02:12	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/13/17 02:12	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/13/17 02:12	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/13/17 02:12	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/13/17 02:12	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/13/17 02:12	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 02:12	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 02:12	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/13/17 02:12	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/13/17 02:12	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/13/17 02:12	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/13/17 02:12	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/13/17 02:12	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/13/17 02:12	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/13/17 02:12	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/13/17 02:12	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW5: G062917		Lab ID: 10394504021		Collected: 06/29/17 11:45		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/13/17 02:12	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/13/17 02:12	103-65-1		
Styrene	ND	ug/L	0.50	1		07/13/17 02:12	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 02:12	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 02:12	79-34-5		
Tetrachloroethene	30.9	ug/L	0.50	1		07/13/17 02:12	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/13/17 02:12	109-99-9		
Toluene	ND	ug/L	0.50	1		07/13/17 02:12	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 02:12	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 02:12	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/13/17 02:12	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/13/17 02:12	79-00-5		
Trichloroethene	0.81	ug/L	0.40	1		07/13/17 02:12	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/13/17 02:12	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/13/17 02:12	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/13/17 02:12	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/13/17 02:12	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/13/17 02:12	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/13/17 02:12	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/13/17 02:12	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/13/17 02:12	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/13/17 02:12	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-137	1		07/13/17 02:12	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		07/13/17 02:12	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/13/17 02:12	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW13: G062917		Lab ID: 10394504022		Collected: 06/29/17 12:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		07/13/17 02:34	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/13/17 02:34	107-05-1		
Benzene	ND	ug/L	0.50	1		07/13/17 02:34	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/13/17 02:34	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/13/17 02:34	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/13/17 02:34	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/13/17 02:34	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/13/17 02:34	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/13/17 02:34	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/13/17 02:34	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/13/17 02:34	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/13/17 02:34	98-06-6		
Carbon tetrachloride	0.87	ug/L	0.50	1		07/13/17 02:34	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/13/17 02:34	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/13/17 02:34	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/13/17 02:34	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/13/17 02:34	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 02:34	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 02:34	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/13/17 02:34	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/13/17 02:34	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/13/17 02:34	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/13/17 02:34	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 02:34	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 02:34	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 02:34	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/13/17 02:34	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/13/17 02:34	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/13/17 02:34	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/13/17 02:34	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 02:34	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 02:34	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/13/17 02:34	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/13/17 02:34	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/13/17 02:34	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/13/17 02:34	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/13/17 02:34	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 02:34	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 02:34	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/13/17 02:34	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/13/17 02:34	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/13/17 02:34	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/13/17 02:34	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/13/17 02:34	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/13/17 02:34	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/13/17 02:34	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/13/17 02:34	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW13: G062917		Lab ID: 10394504022		Collected: 06/29/17 12:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/13/17 02:34	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/13/17 02:34	103-65-1		
Styrene	ND	ug/L	0.50	1		07/13/17 02:34	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 02:34	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 02:34	79-34-5		
Tetrachloroethene	45.2	ug/L	0.50	1		07/13/17 02:34	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/13/17 02:34	109-99-9		
Toluene	ND	ug/L	0.50	1		07/13/17 02:34	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 02:34	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 02:34	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/13/17 02:34	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/13/17 02:34	79-00-5		
Trichloroethene	0.45	ug/L	0.40	1		07/13/17 02:34	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/13/17 02:34	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/13/17 02:34	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/13/17 02:34	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/13/17 02:34	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/13/17 02:34	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/13/17 02:34	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/13/17 02:34	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/13/17 02:34	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/13/17 02:34	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-137	1		07/13/17 02:34	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	1		07/13/17 02:34	2037-26-5		
4-Bromofluorobenzene (S)	103	%.	75-125	1		07/13/17 02:34	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW6: G062917		Lab ID: 10394504023		Collected: 06/29/17 14:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1			07/13/17 02:56	67-64-1	
Allyl chloride	ND	ug/L	4.0	1			07/13/17 02:56	107-05-1	
Benzene	ND	ug/L	0.50	1			07/13/17 02:56	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			07/13/17 02:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1			07/13/17 02:56	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			07/13/17 02:56	75-27-4	
Bromoform	ND	ug/L	4.0	1			07/13/17 02:56	75-25-2	
Bromomethane	ND	ug/L	4.0	1			07/13/17 02:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1			07/13/17 02:56	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1			07/13/17 02:56	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			07/13/17 02:56	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			07/13/17 02:56	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1			07/13/17 02:56	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1			07/13/17 02:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1			07/13/17 02:56	75-00-3	
Chloroform	ND	ug/L	1.0	1			07/13/17 02:56	67-66-3	
Chloromethane	ND	ug/L	4.0	1			07/13/17 02:56	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			07/13/17 02:56	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			07/13/17 02:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1			07/13/17 02:56	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1			07/13/17 02:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			07/13/17 02:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1			07/13/17 02:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			07/13/17 02:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			07/13/17 02:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			07/13/17 02:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1			07/13/17 02:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			07/13/17 02:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			07/13/17 02:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			07/13/17 02:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			07/13/17 02:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			07/13/17 02:56	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1			07/13/17 02:56	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1			07/13/17 02:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			07/13/17 02:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1			07/13/17 02:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1			07/13/17 02:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1			07/13/17 02:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1			07/13/17 02:56	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1			07/13/17 02:56	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1			07/13/17 02:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1			07/13/17 02:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1			07/13/17 02:56	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1			07/13/17 02:56	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1			07/13/17 02:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1			07/13/17 02:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1			07/13/17 02:56	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW6: G062917		Lab ID: 10394504023		Collected: 06/29/17 14:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/13/17 02:56	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/13/17 02:56	103-65-1		
Styrene	ND	ug/L	0.50	1		07/13/17 02:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 02:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 02:56	79-34-5		
Tetrachloroethene	7.5	ug/L	0.50	1		07/13/17 02:56	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/13/17 02:56	109-99-9		
Toluene	ND	ug/L	0.50	1		07/13/17 02:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 02:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 02:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/13/17 02:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/13/17 02:56	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/13/17 02:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/13/17 02:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/13/17 02:56	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/13/17 02:56	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/13/17 02:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/13/17 02:56	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/13/17 02:56	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/13/17 02:56	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/13/17 02:56	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/13/17 02:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-137	1		07/13/17 02:56	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		07/13/17 02:56	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		07/13/17 02:56	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW1: G062917		Lab ID: 10394504024		Collected: 06/29/17 15:30		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	1400	ug/L	200	10		07/13/17 06:33	67-64-1		
Allyl chloride	ND	ug/L	40.0	10		07/13/17 06:33	107-05-1		
Benzene	ND	ug/L	5.0	10		07/13/17 06:33	71-43-2		
Bromobenzene	ND	ug/L	5.0	10		07/13/17 06:33	108-86-1		
Bromochloromethane	ND	ug/L	10.0	10		07/13/17 06:33	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	10		07/13/17 06:33	75-27-4		
Bromoform	ND	ug/L	40.0	10		07/13/17 06:33	75-25-2		
Bromomethane	ND	ug/L	40.0	10		07/13/17 06:33	74-83-9		
2-Butanone (MEK)	899	ug/L	50.0	10		07/13/17 06:33	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	10		07/13/17 06:33	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	10		07/13/17 06:33	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	10		07/13/17 06:33	98-06-6		
Carbon tetrachloride	ND	ug/L	5.0	10		07/13/17 06:33	56-23-5		
Chlorobenzene	ND	ug/L	5.0	10		07/13/17 06:33	108-90-7		
Chloroethane	ND	ug/L	10.0	10		07/13/17 06:33	75-00-3		
Chloroform	ND	ug/L	10.0	10		07/13/17 06:33	67-66-3		
Chloromethane	ND	ug/L	40.0	10		07/13/17 06:33	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	10		07/13/17 06:33	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	10		07/13/17 06:33	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	10		07/13/17 06:33	96-12-8		
Dibromochloromethane	ND	ug/L	5.0	10		07/13/17 06:33	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	10		07/13/17 06:33	106-93-4		
Dibromomethane	ND	ug/L	10.0	10		07/13/17 06:33	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	10		07/13/17 06:33	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	10		07/13/17 06:33	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	10		07/13/17 06:33	106-46-7		
Dichlorodifluoromethane	ND	ug/L	10.0	10		07/13/17 06:33	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	10		07/13/17 06:33	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	10		07/13/17 06:33	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	10		07/13/17 06:33	75-35-4		
cis-1,2-Dichloroethene	344	ug/L	5.0	10		07/13/17 06:33	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	10		07/13/17 06:33	156-60-5		
Dichlorofluoromethane	ND	ug/L	10.0	10		07/13/17 06:33	75-43-4		
1,2-Dichloropropane	ND	ug/L	40.0	10		07/13/17 06:33	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	10		07/13/17 06:33	142-28-9		
2,2-Dichloropropane	ND	ug/L	10.0	10		07/13/17 06:33	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	10		07/13/17 06:33	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	10		07/13/17 06:33	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	10		07/13/17 06:33	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	40.0	10		07/13/17 06:33	60-29-7		
Ethylbenzene	ND	ug/L	5.0	10		07/13/17 06:33	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	10		07/13/17 06:33	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	5.0	10		07/13/17 06:33	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	10		07/13/17 06:33	99-87-6		
Methylene Chloride	ND	ug/L	40.0	10		07/13/17 06:33	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	10		07/13/17 06:33	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	5.0	10		07/13/17 06:33	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW1: G062917		Lab ID: 10394504024		Collected: 06/29/17 15:30		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	40.0	10		07/13/17 06:33	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	10		07/13/17 06:33	103-65-1		
Styrene	ND	ug/L	5.0	10		07/13/17 06:33	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	10		07/13/17 06:33	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	10		07/13/17 06:33	79-34-5		
Tetrachloroethene	928	ug/L	5.0	10		07/13/17 06:33	127-18-4		
Tetrahydrofuran	ND	ug/L	100	10		07/13/17 06:33	109-99-9		
Toluene	ND	ug/L	5.0	10		07/13/17 06:33	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	10.0	10		07/13/17 06:33	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	10		07/13/17 06:33	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	10		07/13/17 06:33	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	10		07/13/17 06:33	79-00-5		
Trichloroethene	52.7	ug/L	4.0	10		07/13/17 06:33	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	10		07/13/17 06:33	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	40.0	10		07/13/17 06:33	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	10.0	10		07/13/17 06:33	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	10.0	10		07/13/17 06:33	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	10		07/13/17 06:33	108-67-8		
Vinyl chloride	3.1	ug/L	2.0	10		07/13/17 06:33	75-01-4		
Xylene (Total)	ND	ug/L	15.0	10		07/13/17 06:33	1330-20-7		
m&p-Xylene	ND	ug/L	10.0	10		07/13/17 06:33	179601-23-1		
o-Xylene	ND	ug/L	5.0	10		07/13/17 06:33	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-137	10		07/13/17 06:33	17060-07-0		
Toluene-d8 (S)	99	%.	75-125	10		07/13/17 06:33	2037-26-5		
4-Bromofluorobenzene (S)	106	%.	75-125	10		07/13/17 06:33	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: FD1: G062917		Lab ID: 10394504025		Collected: 06/29/17 00:00		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	1300	ug/L	200	10		07/13/17 06:55	67-64-1		
Allyl chloride	ND	ug/L	40.0	10		07/13/17 06:55	107-05-1		
Benzene	ND	ug/L	5.0	10		07/13/17 06:55	71-43-2		
Bromobenzene	ND	ug/L	5.0	10		07/13/17 06:55	108-86-1		
Bromochloromethane	ND	ug/L	10.0	10		07/13/17 06:55	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	10		07/13/17 06:55	75-27-4		
Bromoform	ND	ug/L	40.0	10		07/13/17 06:55	75-25-2		
Bromomethane	ND	ug/L	40.0	10		07/13/17 06:55	74-83-9		
2-Butanone (MEK)	909	ug/L	50.0	10		07/13/17 06:55	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	10		07/13/17 06:55	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	10		07/13/17 06:55	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	10		07/13/17 06:55	98-06-6		
Carbon tetrachloride	ND	ug/L	5.0	10		07/13/17 06:55	56-23-5		
Chlorobenzene	ND	ug/L	5.0	10		07/13/17 06:55	108-90-7		
Chloroethane	ND	ug/L	10.0	10		07/13/17 06:55	75-00-3		
Chloroform	ND	ug/L	10.0	10		07/13/17 06:55	67-66-3		
Chloromethane	ND	ug/L	40.0	10		07/13/17 06:55	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	10		07/13/17 06:55	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	10		07/13/17 06:55	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	10		07/13/17 06:55	96-12-8		
Dibromochloromethane	ND	ug/L	5.0	10		07/13/17 06:55	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	10		07/13/17 06:55	106-93-4		
Dibromomethane	ND	ug/L	10.0	10		07/13/17 06:55	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	10		07/13/17 06:55	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	10		07/13/17 06:55	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	10		07/13/17 06:55	106-46-7		
Dichlorodifluoromethane	ND	ug/L	10.0	10		07/13/17 06:55	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	10		07/13/17 06:55	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	10		07/13/17 06:55	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	10		07/13/17 06:55	75-35-4		
cis-1,2-Dichloroethene	337	ug/L	5.0	10		07/13/17 06:55	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	10		07/13/17 06:55	156-60-5		
Dichlorofluoromethane	ND	ug/L	10.0	10		07/13/17 06:55	75-43-4		
1,2-Dichloropropane	ND	ug/L	40.0	10		07/13/17 06:55	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	10		07/13/17 06:55	142-28-9		
2,2-Dichloropropane	ND	ug/L	10.0	10		07/13/17 06:55	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	10		07/13/17 06:55	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	10		07/13/17 06:55	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	10		07/13/17 06:55	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	40.0	10		07/13/17 06:55	60-29-7		
Ethylbenzene	ND	ug/L	5.0	10		07/13/17 06:55	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	10		07/13/17 06:55	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	5.0	10		07/13/17 06:55	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	10		07/13/17 06:55	99-87-6		
Methylene Chloride	ND	ug/L	40.0	10		07/13/17 06:55	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	10		07/13/17 06:55	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	5.0	10		07/13/17 06:55	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: FD1: G062917		Lab ID: 10394504025		Collected: 06/29/17 00:00		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	40.0	10		07/13/17 06:55	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	10		07/13/17 06:55	103-65-1		
Styrene	ND	ug/L	5.0	10		07/13/17 06:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	10		07/13/17 06:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	10		07/13/17 06:55	79-34-5		
Tetrachloroethene	928	ug/L	5.0	10		07/13/17 06:55	127-18-4		
Tetrahydrofuran	ND	ug/L	100	10		07/13/17 06:55	109-99-9		
Toluene	ND	ug/L	5.0	10		07/13/17 06:55	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	10.0	10		07/13/17 06:55	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	10		07/13/17 06:55	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	10		07/13/17 06:55	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	10		07/13/17 06:55	79-00-5		
Trichloroethene	56.0	ug/L	4.0	10		07/13/17 06:55	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	10		07/13/17 06:55	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	40.0	10		07/13/17 06:55	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	10.0	10		07/13/17 06:55	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	10.0	10		07/13/17 06:55	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	10		07/13/17 06:55	108-67-8		
Vinyl chloride	3.5	ug/L	2.0	10		07/13/17 06:55	75-01-4		
Xylene (Total)	ND	ug/L	15.0	10		07/13/17 06:55	1330-20-7		
m&p-Xylene	ND	ug/L	10.0	10		07/13/17 06:55	179601-23-1		
o-Xylene	ND	ug/L	5.0	10		07/13/17 06:55	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	75-137	10		07/13/17 06:55	17060-07-0		
Toluene-d8 (S)	97	%	75-125	10		07/13/17 06:55	2037-26-5		
4-Bromofluorobenzene (S)	105	%	75-125	10		07/13/17 06:55	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW101:G062917		Lab ID: 10394504026		Collected: 06/29/17 10:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/13/17 12:40	67-64-1	L3	
Allyl chloride	ND	ug/L	4.0	1		07/13/17 12:40	107-05-1		
Benzene	ND	ug/L	0.50	1		07/13/17 12:40	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/13/17 12:40	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/13/17 12:40	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/13/17 12:40	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/13/17 12:40	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/13/17 12:40	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/13/17 12:40	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/13/17 12:40	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/13/17 12:40	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/13/17 12:40	98-06-6		
Carbon tetrachloride	0.55	ug/L	0.50	1		07/13/17 12:40	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/13/17 12:40	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/13/17 12:40	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/13/17 12:40	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/13/17 12:40	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 12:40	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 12:40	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/13/17 12:40	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/13/17 12:40	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/13/17 12:40	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/13/17 12:40	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 12:40	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 12:40	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 12:40	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/13/17 12:40	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/13/17 12:40	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/13/17 12:40	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/13/17 12:40	75-35-4		
cis-1,2-Dichloroethene	5.5	ug/L	0.50	1		07/13/17 12:40	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 12:40	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/13/17 12:40	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/13/17 12:40	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/13/17 12:40	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/13/17 12:40	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/13/17 12:40	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 12:40	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 12:40	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/13/17 12:40	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/13/17 12:40	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/13/17 12:40	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/13/17 12:40	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/13/17 12:40	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/13/17 12:40	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/13/17 12:40	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/13/17 12:40	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW101:G062917		Lab ID: 10394504026		Collected: 06/29/17 10:35		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/13/17 12:40	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/13/17 12:40	103-65-1		
Styrene	ND	ug/L	0.50	1		07/13/17 12:40	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 12:40	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 12:40	79-34-5		
Tetrachloroethene	69.7	ug/L	0.50	1		07/13/17 12:40	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/13/17 12:40	109-99-9		
Toluene	ND	ug/L	0.50	1		07/13/17 12:40	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 12:40	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 12:40	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/13/17 12:40	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/13/17 12:40	79-00-5		
Trichloroethene	2.6	ug/L	0.40	1		07/13/17 12:40	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/13/17 12:40	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/13/17 12:40	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/13/17 12:40	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/13/17 12:40	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/13/17 12:40	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/13/17 12:40	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/13/17 12:40	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/13/17 12:40	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/13/17 12:40	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		07/13/17 12:40	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		07/13/17 12:40	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		07/13/17 12:40	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW23:G062917		Lab ID: 10394504027		Collected: 06/29/17 17:20		Received: 07/01/17 09:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	100	5		07/13/17 05:28	67-64-1		
Allyl chloride	ND	ug/L	20.0	5		07/13/17 05:28	107-05-1		
Benzene	ND	ug/L	2.5	5		07/13/17 05:28	71-43-2		
Bromobenzene	ND	ug/L	2.5	5		07/13/17 05:28	108-86-1		
Bromochloromethane	ND	ug/L	5.0	5		07/13/17 05:28	74-97-5		
Bromodichloromethane	ND	ug/L	2.5	5		07/13/17 05:28	75-27-4		
Bromoform	ND	ug/L	20.0	5		07/13/17 05:28	75-25-2		
Bromomethane	ND	ug/L	20.0	5		07/13/17 05:28	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	5		07/13/17 05:28	78-93-3		
n-Butylbenzene	ND	ug/L	2.5	5		07/13/17 05:28	104-51-8		
sec-Butylbenzene	ND	ug/L	2.5	5		07/13/17 05:28	135-98-8		
tert-Butylbenzene	ND	ug/L	2.5	5		07/13/17 05:28	98-06-6		
Carbon tetrachloride	ND	ug/L	2.5	5		07/13/17 05:28	56-23-5		
Chlorobenzene	ND	ug/L	2.5	5		07/13/17 05:28	108-90-7		
Chloroethane	ND	ug/L	5.0	5		07/13/17 05:28	75-00-3		
Chloroform	ND	ug/L	5.0	5		07/13/17 05:28	67-66-3		
Chloromethane	ND	ug/L	20.0	5		07/13/17 05:28	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	5		07/13/17 05:28	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	5		07/13/17 05:28	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		07/13/17 05:28	96-12-8		
Dibromochloromethane	ND	ug/L	2.5	5		07/13/17 05:28	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		07/13/17 05:28	106-93-4		
Dibromomethane	ND	ug/L	5.0	5		07/13/17 05:28	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 05:28	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 05:28	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 05:28	106-46-7		
Dichlorodifluoromethane	ND	ug/L	5.0	5		07/13/17 05:28	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	5		07/13/17 05:28	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	5		07/13/17 05:28	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	5		07/13/17 05:28	75-35-4		
cis-1,2-Dichloroethene	4.7	ug/L	2.5	5		07/13/17 05:28	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		07/13/17 05:28	156-60-5		
Dichlorofluoromethane	ND	ug/L	5.0	5		07/13/17 05:28	75-43-4		
1,2-Dichloropropane	ND	ug/L	20.0	5		07/13/17 05:28	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	5		07/13/17 05:28	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	5		07/13/17 05:28	594-20-7		
1,1-Dichloropropene	ND	ug/L	2.5	5		07/13/17 05:28	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		07/13/17 05:28	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		07/13/17 05:28	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		07/13/17 05:28	60-29-7		
Ethylbenzene	ND	ug/L	2.5	5		07/13/17 05:28	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		07/13/17 05:28	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		07/13/17 05:28	98-82-8		
p-Isopropyltoluene	ND	ug/L	2.5	5		07/13/17 05:28	99-87-6		
Methylene Chloride	ND	ug/L	20.0	5		07/13/17 05:28	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		07/13/17 05:28	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	2.5	5		07/13/17 05:28	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW23:G062917		Lab ID: 10394504027		Collected: 06/29/17 17:20		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	20.0	5		07/13/17 05:28	91-20-3		
n-Propylbenzene	ND	ug/L	2.5	5		07/13/17 05:28	103-65-1		
Styrene	ND	ug/L	2.5	5		07/13/17 05:28	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		07/13/17 05:28	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		07/13/17 05:28	79-34-5		
Tetrachloroethene	344	ug/L	2.5	5		07/13/17 05:28	127-18-4		
Tetrahydrofuran	ND	ug/L	50.0	5		07/13/17 05:28	109-99-9		
Toluene	ND	ug/L	2.5	5		07/13/17 05:28	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		07/13/17 05:28	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		07/13/17 05:28	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	5		07/13/17 05:28	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	5		07/13/17 05:28	79-00-5		
Trichloroethene	12.0	ug/L	2.0	5		07/13/17 05:28	79-01-6		
Trichlorofluoromethane	ND	ug/L	2.5	5		07/13/17 05:28	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	20.0	5		07/13/17 05:28	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	5		07/13/17 05:28	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	5		07/13/17 05:28	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		07/13/17 05:28	108-67-8		
Vinyl chloride	ND	ug/L	1.0	5		07/13/17 05:28	75-01-4		
Xylene (Total)	ND	ug/L	7.5	5		07/13/17 05:28	1330-20-7		
m&p-Xylene	ND	ug/L	5.0	5		07/13/17 05:28	179601-23-1		
o-Xylene	ND	ug/L	2.5	5		07/13/17 05:28	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-137	5		07/13/17 05:28	17060-07-0		
Toluene-d8 (S)	98	%.	75-125	5		07/13/17 05:28	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	5		07/13/17 05:28	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW11:G063017		Lab ID: 10394504028		Collected: 06/29/17 08:40		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	100	5		07/13/17 05:50	67-64-1		
Allyl chloride	ND	ug/L	20.0	5		07/13/17 05:50	107-05-1		
Benzene	ND	ug/L	2.5	5		07/13/17 05:50	71-43-2		
Bromobenzene	ND	ug/L	2.5	5		07/13/17 05:50	108-86-1		
Bromochloromethane	ND	ug/L	5.0	5		07/13/17 05:50	74-97-5		
Bromodichloromethane	ND	ug/L	2.5	5		07/13/17 05:50	75-27-4		
Bromoform	ND	ug/L	20.0	5		07/13/17 05:50	75-25-2		
Bromomethane	ND	ug/L	20.0	5		07/13/17 05:50	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	5		07/13/17 05:50	78-93-3		
n-Butylbenzene	ND	ug/L	2.5	5		07/13/17 05:50	104-51-8		
sec-Butylbenzene	ND	ug/L	2.5	5		07/13/17 05:50	135-98-8		
tert-Butylbenzene	ND	ug/L	2.5	5		07/13/17 05:50	98-06-6		
Carbon tetrachloride	ND	ug/L	2.5	5		07/13/17 05:50	56-23-5		
Chlorobenzene	ND	ug/L	2.5	5		07/13/17 05:50	108-90-7		
Chloroethane	ND	ug/L	5.0	5		07/13/17 05:50	75-00-3		
Chloroform	ND	ug/L	5.0	5		07/13/17 05:50	67-66-3		
Chloromethane	ND	ug/L	20.0	5		07/13/17 05:50	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	5		07/13/17 05:50	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	5		07/13/17 05:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		07/13/17 05:50	96-12-8		
Dibromochloromethane	ND	ug/L	2.5	5		07/13/17 05:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		07/13/17 05:50	106-93-4		
Dibromomethane	ND	ug/L	5.0	5		07/13/17 05:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 05:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 05:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 05:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	5.0	5		07/13/17 05:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	5		07/13/17 05:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	5		07/13/17 05:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	5		07/13/17 05:50	75-35-4		
cis-1,2-Dichloroethene	79.8	ug/L	2.5	5		07/13/17 05:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		07/13/17 05:50	156-60-5		
Dichlorofluoromethane	ND	ug/L	5.0	5		07/13/17 05:50	75-43-4		
1,2-Dichloropropane	ND	ug/L	20.0	5		07/13/17 05:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	5		07/13/17 05:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	5		07/13/17 05:50	594-20-7		
1,1-Dichloropropene	ND	ug/L	2.5	5		07/13/17 05:50	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		07/13/17 05:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		07/13/17 05:50	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		07/13/17 05:50	60-29-7		
Ethylbenzene	ND	ug/L	2.5	5		07/13/17 05:50	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		07/13/17 05:50	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		07/13/17 05:50	98-82-8		
p-Isopropyltoluene	ND	ug/L	2.5	5		07/13/17 05:50	99-87-6		
Methylene Chloride	ND	ug/L	20.0	5		07/13/17 05:50	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		07/13/17 05:50	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	2.5	5		07/13/17 05:50	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW11:G063017		Lab ID: 10394504028		Collected: 06/29/17 08:40		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	20.0	5		07/13/17 05:50	91-20-3		
n-Propylbenzene	ND	ug/L	2.5	5		07/13/17 05:50	103-65-1		
Styrene	ND	ug/L	2.5	5		07/13/17 05:50	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		07/13/17 05:50	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		07/13/17 05:50	79-34-5		
Tetrachloroethene	416	ug/L	2.5	5		07/13/17 05:50	127-18-4		
Tetrahydrofuran	ND	ug/L	50.0	5		07/13/17 05:50	109-99-9		
Toluene	ND	ug/L	2.5	5		07/13/17 05:50	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		07/13/17 05:50	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		07/13/17 05:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	5		07/13/17 05:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	5		07/13/17 05:50	79-00-5		
Trichloroethene	38.3	ug/L	2.0	5		07/13/17 05:50	79-01-6		
Trichlorofluoromethane	ND	ug/L	2.5	5		07/13/17 05:50	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	20.0	5		07/13/17 05:50	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	5		07/13/17 05:50	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	5		07/13/17 05:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		07/13/17 05:50	108-67-8		
Vinyl chloride	ND	ug/L	1.0	5		07/13/17 05:50	75-01-4		
Xylene (Total)	ND	ug/L	7.5	5		07/13/17 05:50	1330-20-7		
m&p-Xylene	ND	ug/L	5.0	5		07/13/17 05:50	179601-23-1		
o-Xylene	ND	ug/L	2.5	5		07/13/17 05:50	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%.	75-137	5		07/13/17 05:50	17060-07-0		
Toluene-d8 (S)	96	%.	75-125	5		07/13/17 05:50	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	5		07/13/17 05:50	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: EB2: G063017		Lab ID: 10394504029		Collected: 06/29/17 09:15		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/13/17 00:45	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/13/17 00:45	107-05-1		
Benzene	ND	ug/L	0.50	1		07/13/17 00:45	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/13/17 00:45	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/13/17 00:45	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/13/17 00:45	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/13/17 00:45	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/13/17 00:45	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/13/17 00:45	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/13/17 00:45	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/13/17 00:45	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/13/17 00:45	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/13/17 00:45	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/13/17 00:45	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/13/17 00:45	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/13/17 00:45	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/13/17 00:45	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 00:45	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/13/17 00:45	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/13/17 00:45	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/13/17 00:45	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/13/17 00:45	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/13/17 00:45	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 00:45	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 00:45	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/13/17 00:45	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/13/17 00:45	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/13/17 00:45	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/13/17 00:45	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/13/17 00:45	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 00:45	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/13/17 00:45	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/13/17 00:45	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/13/17 00:45	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/13/17 00:45	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/13/17 00:45	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/13/17 00:45	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 00:45	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/13/17 00:45	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/13/17 00:45	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/13/17 00:45	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/13/17 00:45	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/13/17 00:45	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/13/17 00:45	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/13/17 00:45	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/13/17 00:45	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/13/17 00:45	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: EB2: G063017		Lab ID: 10394504029		Collected: 06/29/17 09:15		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/13/17 00:45	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/13/17 00:45	103-65-1		
Styrene	ND	ug/L	0.50	1		07/13/17 00:45	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 00:45	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/13/17 00:45	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		07/13/17 00:45	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/13/17 00:45	109-99-9		
Toluene	ND	ug/L	0.50	1		07/13/17 00:45	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 00:45	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/13/17 00:45	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/13/17 00:45	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/13/17 00:45	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		07/13/17 00:45	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/13/17 00:45	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/13/17 00:45	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/13/17 00:45	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/13/17 00:45	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/13/17 00:45	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/13/17 00:45	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/13/17 00:45	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/13/17 00:45	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/13/17 00:45	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	75-137	1		07/13/17 00:45	17060-07-0		
Toluene-d8 (S)	99	%	75-125	1		07/13/17 00:45	2037-26-5		
4-Bromofluorobenzene (S)	100	%	75-125	1		07/13/17 00:45	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW15: G063017		Lab ID: 10394504030		Collected: 06/30/17 09:55		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	100	5		07/13/17 06:11	67-64-1		
Allyl chloride	ND	ug/L	20.0	5		07/13/17 06:11	107-05-1		
Benzene	ND	ug/L	2.5	5		07/13/17 06:11	71-43-2		
Bromobenzene	ND	ug/L	2.5	5		07/13/17 06:11	108-86-1		
Bromochloromethane	ND	ug/L	5.0	5		07/13/17 06:11	74-97-5		
Bromodichloromethane	ND	ug/L	2.5	5		07/13/17 06:11	75-27-4		
Bromoform	ND	ug/L	20.0	5		07/13/17 06:11	75-25-2		
Bromomethane	ND	ug/L	20.0	5		07/13/17 06:11	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	5		07/13/17 06:11	78-93-3		
n-Butylbenzene	ND	ug/L	2.5	5		07/13/17 06:11	104-51-8		
sec-Butylbenzene	ND	ug/L	2.5	5		07/13/17 06:11	135-98-8		
tert-Butylbenzene	ND	ug/L	2.5	5		07/13/17 06:11	98-06-6		
Carbon tetrachloride	ND	ug/L	2.5	5		07/13/17 06:11	56-23-5		
Chlorobenzene	ND	ug/L	2.5	5		07/13/17 06:11	108-90-7		
Chloroethane	ND	ug/L	5.0	5		07/13/17 06:11	75-00-3		
Chloroform	ND	ug/L	5.0	5		07/13/17 06:11	67-66-3		
Chloromethane	ND	ug/L	20.0	5		07/13/17 06:11	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	5		07/13/17 06:11	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	5		07/13/17 06:11	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		07/13/17 06:11	96-12-8		
Dibromochloromethane	ND	ug/L	2.5	5		07/13/17 06:11	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		07/13/17 06:11	106-93-4		
Dibromomethane	ND	ug/L	5.0	5		07/13/17 06:11	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 06:11	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 06:11	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	5		07/13/17 06:11	106-46-7		
Dichlorodifluoromethane	ND	ug/L	5.0	5		07/13/17 06:11	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	5		07/13/17 06:11	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	5		07/13/17 06:11	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	5		07/13/17 06:11	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	2.5	5		07/13/17 06:11	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		07/13/17 06:11	156-60-5		
Dichlorofluoromethane	ND	ug/L	5.0	5		07/13/17 06:11	75-43-4		
1,2-Dichloropropane	ND	ug/L	20.0	5		07/13/17 06:11	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	5		07/13/17 06:11	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	5		07/13/17 06:11	594-20-7		
1,1-Dichloropropene	ND	ug/L	2.5	5		07/13/17 06:11	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		07/13/17 06:11	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		07/13/17 06:11	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		07/13/17 06:11	60-29-7		
Ethylbenzene	ND	ug/L	2.5	5		07/13/17 06:11	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		07/13/17 06:11	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		07/13/17 06:11	98-82-8		
p-Isopropyltoluene	ND	ug/L	2.5	5		07/13/17 06:11	99-87-6		
Methylene Chloride	ND	ug/L	20.0	5		07/13/17 06:11	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		07/13/17 06:11	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	2.5	5		07/13/17 06:11	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: MW15: G063017		Lab ID: 10394504030		Collected: 06/30/17 09:55		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	20.0	5		07/13/17 06:11	91-20-3		
n-Propylbenzene	ND	ug/L	2.5	5		07/13/17 06:11	103-65-1		
Styrene	ND	ug/L	2.5	5		07/13/17 06:11	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		07/13/17 06:11	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		07/13/17 06:11	79-34-5		
Tetrachloroethene	546	ug/L	2.5	5		07/13/17 06:11	127-18-4		
Tetrahydrofuran	ND	ug/L	50.0	5		07/13/17 06:11	109-99-9		
Toluene	ND	ug/L	2.5	5		07/13/17 06:11	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		07/13/17 06:11	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		07/13/17 06:11	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	5		07/13/17 06:11	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	5		07/13/17 06:11	79-00-5		
Trichloroethene	14.4	ug/L	2.0	5		07/13/17 06:11	79-01-6		
Trichlorofluoromethane	ND	ug/L	2.5	5		07/13/17 06:11	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	20.0	5		07/13/17 06:11	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	5		07/13/17 06:11	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	5		07/13/17 06:11	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		07/13/17 06:11	108-67-8		
Vinyl chloride	ND	ug/L	1.0	5		07/13/17 06:11	75-01-4		
Xylene (Total)	ND	ug/L	7.5	5		07/13/17 06:11	1330-20-7		
m&p-Xylene	ND	ug/L	5.0	5		07/13/17 06:11	179601-23-1		
o-Xylene	ND	ug/L	2.5	5		07/13/17 06:11	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-137	5		07/13/17 06:11	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	5		07/13/17 06:11	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	5		07/13/17 06:11	460-00-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: FD2: G063017		Lab ID: 10394504031		Collected: 06/30/17 00:00		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		07/14/17 06:03	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		07/14/17 06:03	107-05-1		
Benzene	ND	ug/L	0.50	1		07/14/17 06:03	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		07/14/17 06:03	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/14/17 06:03	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		07/14/17 06:03	75-27-4		
Bromoform	ND	ug/L	4.0	1		07/14/17 06:03	75-25-2		
Bromomethane	ND	ug/L	4.0	1		07/14/17 06:03	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/14/17 06:03	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		07/14/17 06:03	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		07/14/17 06:03	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		07/14/17 06:03	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		07/14/17 06:03	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		07/14/17 06:03	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/14/17 06:03	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/14/17 06:03	67-66-3		
Chloromethane	ND	ug/L	4.0	1		07/14/17 06:03	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		07/14/17 06:03	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		07/14/17 06:03	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		07/14/17 06:03	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		07/14/17 06:03	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		07/14/17 06:03	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		07/14/17 06:03	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		07/14/17 06:03	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		07/14/17 06:03	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		07/14/17 06:03	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/14/17 06:03	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		07/14/17 06:03	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		07/14/17 06:03	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		07/14/17 06:03	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		07/14/17 06:03	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		07/14/17 06:03	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		07/14/17 06:03	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		07/14/17 06:03	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		07/14/17 06:03	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/14/17 06:03	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		07/14/17 06:03	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		07/14/17 06:03	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		07/14/17 06:03	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		07/14/17 06:03	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		07/14/17 06:03	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/14/17 06:03	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		07/14/17 06:03	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		07/14/17 06:03	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		07/14/17 06:03	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/14/17 06:03	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/14/17 06:03	1634-04-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Sample: FD2: G063017		Lab ID: 10394504031		Collected: 06/30/17 00:00		Received: 07/01/17 09:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	4.0	1		07/14/17 06:03	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		07/14/17 06:03	103-65-1		
Styrene	ND	ug/L	0.50	1		07/14/17 06:03	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		07/14/17 06:03	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		07/14/17 06:03	79-34-5		
Tetrachloroethene	540	ug/L	5.0	10		07/14/17 18:38	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		07/14/17 06:03	109-99-9		
Toluene	ND	ug/L	0.50	1		07/14/17 06:03	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/14/17 06:03	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/14/17 06:03	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		07/14/17 06:03	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		07/14/17 06:03	79-00-5		
Trichloroethene	15.0	ug/L	0.40	1		07/14/17 06:03	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		07/14/17 06:03	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		07/14/17 06:03	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		07/14/17 06:03	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/14/17 06:03	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		07/14/17 06:03	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		07/14/17 06:03	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		07/14/17 06:03	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		07/14/17 06:03	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		07/14/17 06:03	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-137	1		07/14/17 06:03	17060-07-0		
Toluene-d8 (S)	97	%.	75-125	1		07/14/17 06:03	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/14/17 06:03	460-00-4		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

QC Batch:	483667	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10394504001, 10394504002, 10394504003, 10394504004, 10394504005, 10394504006, 10394504007, 10394504008, 10394504009, 10394504010, 10394504011, 10394504012		

METHOD BLANK:	2633705	Matrix:	Water
Associated Lab Samples:	10394504001, 10394504002, 10394504003, 10394504004, 10394504005, 10394504006, 10394504007, 10394504008, 10394504009, 10394504010, 10394504011, 10394504012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	07/08/17 02:32	
1,1,1-Trichloroethane	ug/L	ND	0.50	07/08/17 02:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	07/08/17 02:32	
1,1,2-Trichloroethane	ug/L	ND	0.50	07/08/17 02:32	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	07/08/17 02:32	
1,1-Dichloroethane	ug/L	ND	0.50	07/08/17 02:32	
1,1-Dichloroethene	ug/L	ND	0.50	07/08/17 02:32	
1,1-Dichloropropene	ug/L	ND	0.50	07/08/17 02:32	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/08/17 02:32	MN
1,2,3-Trichloropropane	ug/L	ND	4.0	07/08/17 02:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/08/17 02:32	MN
1,2,4-Trimethylbenzene	ug/L	ND	1.0	07/08/17 02:32	MN
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	07/08/17 02:32	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	07/08/17 02:32	
1,2-Dichlorobenzene	ug/L	ND	0.50	07/08/17 02:32	
1,2-Dichloroethane	ug/L	ND	0.50	07/08/17 02:32	
1,2-Dichloropropane	ug/L	ND	4.0	07/08/17 02:32	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	07/08/17 02:32	
1,3-Dichlorobenzene	ug/L	ND	0.50	07/08/17 02:32	
1,3-Dichloropropane	ug/L	ND	0.50	07/08/17 02:32	
1,4-Dichlorobenzene	ug/L	ND	0.50	07/08/17 02:32	
2,2-Dichloropropane	ug/L	ND	1.0	07/08/17 02:32	
2-Butanone (MEK)	ug/L	ND	5.0	07/08/17 02:32	
2-Chlorotoluene	ug/L	ND	0.50	07/08/17 02:32	
4-Chlorotoluene	ug/L	ND	0.50	07/08/17 02:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/08/17 02:32	
Acetone	ug/L	ND	20.0	07/08/17 02:32	
Allyl chloride	ug/L	ND	4.0	07/08/17 02:32	
Benzene	ug/L	ND	0.50	07/08/17 02:32	
Bromobenzene	ug/L	ND	0.50	07/08/17 02:32	
Bromochloromethane	ug/L	ND	1.0	07/08/17 02:32	
Bromodichloromethane	ug/L	ND	0.50	07/08/17 02:32	
Bromoform	ug/L	ND	4.0	07/08/17 02:32	
Bromomethane	ug/L	ND	4.0	07/08/17 02:32	
Carbon tetrachloride	ug/L	ND	0.50	07/08/17 02:32	
Chlorobenzene	ug/L	ND	0.50	07/08/17 02:32	
Chloroethane	ug/L	ND	1.0	07/08/17 02:32	
Chloroform	ug/L	ND	1.0	07/08/17 02:32	
Chloromethane	ug/L	ND	4.0	07/08/17 02:32	
cis-1,2-Dichloroethene	ug/L	ND	0.50	07/08/17 02:32	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

METHOD BLANK: 2633705

Matrix: Water

Associated Lab Samples: 10394504001, 10394504002, 10394504003, 10394504004, 10394504005, 10394504006, 10394504007, 10394504008, 10394504009, 10394504010, 10394504011, 10394504012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	07/08/17 02:32	
Dibromochloromethane	ug/L	ND	0.50	07/08/17 02:32	
Dibromomethane	ug/L	ND	1.0	07/08/17 02:32	
Dichlorodifluoromethane	ug/L	ND	1.0	07/08/17 02:32	
Dichlorofluoromethane	ug/L	ND	1.0	07/08/17 02:32	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	07/08/17 02:32	
Ethylbenzene	ug/L	ND	0.50	07/08/17 02:32	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/08/17 02:32	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	07/08/17 02:32	
m&p-Xylene	ug/L	ND	1.0	07/08/17 02:32	
Methyl-tert-butyl ether	ug/L	ND	0.50	07/08/17 02:32	
Methylene Chloride	ug/L	ND	4.0	07/08/17 02:32	
n-Butylbenzene	ug/L	ND	0.50	07/08/17 02:32	
n-Propylbenzene	ug/L	ND	0.50	07/08/17 02:32	
Naphthalene	ug/L	ND	4.0	07/08/17 02:32	MN
o-Xylene	ug/L	ND	0.50	07/08/17 02:32	
p-Isopropyltoluene	ug/L	ND	0.50	07/08/17 02:32	
sec-Butylbenzene	ug/L	ND	0.50	07/08/17 02:32	
Styrene	ug/L	ND	0.50	07/08/17 02:32	
tert-Butylbenzene	ug/L	ND	0.50	07/08/17 02:32	
Tetrachloroethene	ug/L	ND	0.50	07/08/17 02:32	
Tetrahydrofuran	ug/L	ND	10.0	07/08/17 02:32	
Toluene	ug/L	ND	0.50	07/08/17 02:32	
trans-1,2-Dichloroethene	ug/L	ND	0.50	07/08/17 02:32	
trans-1,3-Dichloropropene	ug/L	ND	0.50	07/08/17 02:32	
Trichloroethene	ug/L	ND	0.40	07/08/17 02:32	
Trichlorofluoromethane	ug/L	ND	0.50	07/08/17 02:32	
Vinyl chloride	ug/L	ND	0.20	07/08/17 02:32	
Xylene (Total)	ug/L	ND	1.5	07/08/17 02:32	
1,2-Dichloroethane-d4 (S)	%	102	75-137	07/08/17 02:32	
4-Bromofluorobenzene (S)	%	103	75-125	07/08/17 02:32	
Toluene-d8 (S)	%	101	75-125	07/08/17 02:32	

LABORATORY CONTROL SAMPLE & LCSD: 2633706

2633707

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.8	20.3	109	101	75-136	7	30	
1,1,1-Trichloroethane	ug/L	20	20.7	19.6	104	98	75-129	6	30	
1,1,2,2-Tetrachloroethane	ug/L	20	20.9	20.0	105	100	71-138	4	30	
1,1,2-Trichloroethane	ug/L	20	21.7	20.2	108	101	75-125	7	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.5	19.1	97	96	69-126	2	30	
1,1-Dichloroethane	ug/L	20	20.6	20.1	103	101	75-125	2	30	
1,1-Dichloroethene	ug/L	20	19.7	19.5	98	98	75-125	1	30	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE & LCSD: 2633706			2633707							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	20	21.2	20.2	106	101	75-125	5	30	
1,2,3-Trichlorobenzene	ug/L	20	19.0	19.2	95	96	75-125	1	30	
1,2,3-Trichloropropane	ug/L	20	20.8	19.2	104	96	75-125	8	30	
1,2,4-Trichlorobenzene	ug/L	20	18.4	19.2	92	96	75-125	4	30	
1,2,4-Trimethylbenzene	ug/L	20	20.3	19.8	101	99	75-125	2	30	
1,2-Dibromo-3-chloropropane	ug/L	50	50.2	48.8	100	98	71-130	3	30	
1,2-Dibromoethane (EDB)	ug/L	20	21.6	20.1	108	101	75-125	7	30	
1,2-Dichlorobenzene	ug/L	20	20.5	20.2	102	101	75-125	1	30	
1,2-Dichloroethane	ug/L	20	20.2	18.8	101	94	70-125	7	30	
1,2-Dichloropropane	ug/L	20	20.7	19.8	104	99	75-125	5	30	
1,3,5-Trimethylbenzene	ug/L	20	21.1	20.9	105	105	75-125	1	30	
1,3-Dichlorobenzene	ug/L	20	20.1	19.6	101	98	75-125	3	30	
1,3-Dichloropropane	ug/L	20	22.2	20.8	111	104	75-125	7	30	
1,4-Dichlorobenzene	ug/L	20	19.3	18.9	97	95	75-125	2	30	
2,2-Dichloropropane	ug/L	20	17.4	17.0	87	85	70-131	2	30	
2-Butanone (MEK)	ug/L	100	94.8	90.9	95	91	69-125	4	30	
2-Chlorotoluene	ug/L	20	20.2	19.9	101	100	75-125	1	30	
4-Chlorotoluene	ug/L	20	21.2	20.8	106	104	75-125	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	99.1	107	99	73-125	8	30	
Acetone	ug/L	100	92.4	90.9	92	91	66-126	2	30	
Allyl chloride	ug/L	20	19.4	18.5	97	93	71-125	5	30	
Benzene	ug/L	20	20.0	19.4	100	97	75-125	3	30	
Bromobenzene	ug/L	20	20.1	19.1	100	96	75-125	5	30	
Bromochloromethane	ug/L	20	22.2	20.6	111	103	75-126	7	30	
Bromodichloromethane	ug/L	20	20.8	20.2	104	101	75-133	3	30	
Bromoform	ug/L	20	20.2	18.8	101	94	62-142	7	30	
Bromomethane	ug/L	20	17.5	18.9	87	95	34-143	8	30	
Carbon tetrachloride	ug/L	20	20.5	20.5	103	102	71-145	0	30	
Chlorobenzene	ug/L	20	20.0	19.1	100	96	75-125	5	30	
Chloroethane	ug/L	20	21.2	20.7	106	103	75-125	2	30	
Chloroform	ug/L	20	19.4	18.2	97	91	75-125	6	30	
Chloromethane	ug/L	20	19.9	19.7	99	99	54-125	1	30	
cis-1,2-Dichloroethene	ug/L	20	20.9	20.5	104	103	75-125	2	30	
cis-1,3-Dichloropropene	ug/L	20	20.6	19.9	103	99	75-125	4	30	
Dibromochloromethane	ug/L	20	22.3	20.9	112	105	74-141	6	30	
Dibromomethane	ug/L	20	20.1	18.6	100	93	75-125	8	30	
Dichlorodifluoromethane	ug/L	20	19.0	18.8	95	94	59-130	1	30	
Dichlorofluoromethane	ug/L	20	19.5	19.0	97	95	75-125	3	30	
Diethyl ether (Ethyl ether)	ug/L	20	21.9	19.4	109	97	75-125	12	30	
Ethylbenzene	ug/L	20	19.8	19.1	99	95	75-125	4	30	
Hexachloro-1,3-butadiene	ug/L	20	18.1	20.0	90	100	75-131	10	30	
Isopropylbenzene (Cumene)	ug/L	20	21.1	21.0	105	105	75-125	0	30	
m&p-Xylene	ug/L	40	42.6	41.4	107	103	75-125	3	30	
Methyl-tert-butyl ether	ug/L	20	21.2	19.3	106	97	75-125	9	30	
Methylene Chloride	ug/L	20	20.6	19.4	103	97	73-125	6	30	
n-Butylbenzene	ug/L	20	20.3	20.5	101	103	75-125	1	30	
n-Propylbenzene	ug/L	20	20.0	20.0	100	100	75-125	0	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE & LCSD: 2633706			2633707							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	20	18.9	19.3	95	97	74-125	2	30	
o-Xylene	ug/L	20	21.8	20.8	109	104	75-125	4	30	
p-Isopropyltoluene	ug/L	20	20.8	21.2	104	106	75-125	2	30	
sec-Butylbenzene	ug/L	20	20.4	20.8	102	104	75-125	2	30	
Styrene	ug/L	20	22.0	20.5	110	103	75-125	7	30	
tert-Butylbenzene	ug/L	20	20.4	20.7	102	103	75-125	1	30	
Tetrachloroethene	ug/L	20	19.7	19.7	99	99	75-125	0	30	
Tetrahydrofuran	ug/L	200	21.7	206	109	103	65-127	5	30	
Toluene	ug/L	20	20.2	19.5	101	97	75-125	4	30	
trans-1,2-Dichloroethene	ug/L	20	20.1	19.3	101	96	75-125	4	30	
trans-1,3-Dichloropropene	ug/L	20	21.5	20.3	108	101	75-125	6	30	
Trichloroethene	ug/L	20	20.6	20.1	103	100	75-125	2	30	
Trichlorofluoromethane	ug/L	20	20.4	19.7	102	98	71-140	3	30	
Vinyl chloride	ug/L	20	19.9	19.7	99	99	70-125	1	30	
Xylene (Total)	ug/L	60	64.4	62.2	107	104	75-125	3	30	
1,2-Dichloroethane-d4 (S)	%				100	96	75-137			
4-Bromofluorobenzene (S)	%				103	103	75-125			
Toluene-d8 (S)	%				101	101	75-125			

MATRIX SPIKE SAMPLE: 2633837

Parameter	Units	10394504003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.6	103	75-137	
1,1,1-Trichloroethane	ug/L	ND	20	20.5	103	75-139	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	19.7	98	60-142	
1,1,2-Trichloroethane	ug/L	ND	20	19.7	98	75-128	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	21.8	109	62-150	
1,1-Dichloroethane	ug/L	ND	20	20.4	102	70-129	
1,1-Dichloroethene	ug/L	ND	20	20.6	103	67-141	
1,1-Dichloropropene	ug/L	ND	20	21.9	109	64-144	
1,2,3-Trichlorobenzene	ug/L	ND	20	18.3	92	66-139	
1,2,3-Trichloropropane	ug/L	ND	20	18.6	93	69-134	
1,2,4-Trichlorobenzene	ug/L	ND	20	17.8	89	65-138	
1,2,4-Trimethylbenzene	ug/L	ND	20	19.1	95	65-143	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	43.4	87	61-134	
1,2-Dibromoethane (EDB)	ug/L	ND	20	18.5	92	74-129	
1,2-Dichlorobenzene	ug/L	ND	20	18.9	95	68-135	
1,2-Dichloroethane	ug/L	ND	20	18.5	93	73-125	
1,2-Dichloropropane	ug/L	ND	20	20.2	101	64-130	
1,3,5-Trimethylbenzene	ug/L	ND	20	20.6	103	64-146	
1,3-Dichlorobenzene	ug/L	ND	20	19.0	95	69-135	
1,3-Dichloropropane	ug/L	ND	20	20.7	104	67-128	
1,4-Dichlorobenzene	ug/L	ND	20	18.3	91	66-134	
2,2-Dichloropropane	ug/L	ND	20	17.0	85	50-150	
2-Butanone (MEK)	ug/L	ND	100	80.5	81	58-125	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

MATRIX SPIKE SAMPLE: 2633837		10394504003	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
2-Chlorotoluene	ug/L	ND	20	19.0	95	65-138	
4-Chlorotoluene	ug/L	ND	20	20.4	102	68-135	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	93.0	93	61-130	
Acetone	ug/L	ND	100	167	155	51-140	M1
Allyl chloride	ug/L	ND	20	18.9	95	61-125	
Benzene	ug/L	ND	20	19.0	95	63-132	
Bromobenzene	ug/L	ND	20	18.7	94	67-138	
Bromochloromethane	ug/L	ND	20	19.2	96	66-138	
Bromodichloromethane	ug/L	ND	20	19.4	97	75-137	
Bromoform	ug/L	ND	20	19.0	95	65-129	
Bromomethane	ug/L	ND	20	20.4	102	41-150	
Carbon tetrachloride	ug/L	ND	20	21.9	108	75-150	
Chlorobenzene	ug/L	ND	20	18.8	94	73-127	
Chloroethane	ug/L	ND	20	21.2	106	74-138	
Chloroform	ug/L	ND	20	18.4	92	74-125	
Chloromethane	ug/L	ND	20	19.3	97	58-129	
cis-1,2-Dichloroethene	ug/L	ND	20	20.8	104	63-135	
cis-1,3-Dichloropropene	ug/L	ND	20	19.5	98	66-129	
Dibromochloromethane	ug/L	ND	20	20.0	100	75-133	
Dibromomethane	ug/L	ND	20	18.2	91	68-134	
Dichlorodifluoromethane	ug/L	ND	20	21.3	107	72-150	
Dichlorofluoromethane	ug/L	ND	20	19.2	96	75-129	
Diethyl ether (Ethyl ether)	ug/L	ND	20	19.4	97	73-125	
Ethylbenzene	ug/L	ND	20	20.0	100	72-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	19.2	96	71-150	
Isopropylbenzene (Cumene)	ug/L	ND	20	21.8	109	70-136	
m&p-Xylene	ug/L	ND	40	42.8	107	64-142	
Methyl-tert-butyl ether	ug/L	ND	20	19.0	95	72-125	
Methylene Chloride	ug/L	ND	20	19.0	95	60-132	
n-Butylbenzene	ug/L	ND	20	20.4	102	60-150	
n-Propylbenzene	ug/L	ND	20	20.5	102	63-142	
Naphthalene	ug/L	ND	20	18.4	92	67-125	
o-Xylene	ug/L	ND	20	21.1	106	60-143	
p-Isopropyltoluene	ug/L	ND	20	21.7	108	64-146	
sec-Butylbenzene	ug/L	ND	20	21.3	106	67-144	
Styrene	ug/L	ND	20	20.0	100	67-136	
tert-Butylbenzene	ug/L	ND	20	21.0	105	68-135	
Tetrachloroethene	ug/L	ND	20	19.7	99	67-148	
Tetrahydrofuran	ug/L	ND	200	362	181	51-141	M1
Toluene	ug/L	ND	20	19.5	97	61-140	
trans-1,2-Dichloroethene	ug/L	ND	20	19.0	95	62-138	
trans-1,3-Dichloropropene	ug/L	ND	20	20.0	100	67-134	
Trichloroethene	ug/L	ND	20	20.3	101	64-149	
Trichlorofluoromethane	ug/L	ND	20	21.2	106	75-150	
Vinyl chloride	ug/L	ND	20	20.5	103	75-133	
Xylene (Total)	ug/L	ND	60	63.9	107	63-142	
1,2-Dichloroethane-d4 (S)	%				96	75-137	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

MATRIX SPIKE SAMPLE: 2633837		10394504003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
4-Bromofluorobenzene (S)	%.				103	75-125	
Toluene-d8 (S)	%.				101	75-125	

SAMPLE DUPLICATE: 2633838

Parameter	Units	10394504004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	14.4J		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

SAMPLE DUPLICATE: 2633838

Parameter	Units	10394504004 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	.13J		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	106	105	1		
4-Bromofluorobenzene (S)	%.	104	103	1		
Toluene-d8 (S)	%.	100	101	2		

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

QC Batch: 483781 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV LL Water
Associated Lab Samples: 10394504013, 10394504014, 10394504015, 10394504016, 10394504017, 10394504018

METHOD BLANK: 2634268 Matrix: Water
Associated Lab Samples: 10394504013, 10394504014, 10394504015, 10394504016, 10394504017, 10394504018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	07/08/17 17:12	
1,1,1-Trichloroethane	ug/L	ND	0.50	07/08/17 17:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	07/08/17 17:12	
1,1,2-Trichloroethane	ug/L	ND	0.50	07/08/17 17:12	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	07/08/17 17:12	
1,1-Dichloroethane	ug/L	ND	0.50	07/08/17 17:12	
1,1-Dichloroethene	ug/L	ND	0.50	07/08/17 17:12	
1,1-Dichloropropene	ug/L	ND	0.50	07/08/17 17:12	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/08/17 17:12	MN
1,2,3-Trichloropropane	ug/L	ND	4.0	07/08/17 17:12	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/08/17 17:12	MN
1,2,4-Trimethylbenzene	ug/L	ND	1.0	07/08/17 17:12	MN
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	07/08/17 17:12	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	07/08/17 17:12	
1,2-Dichlorobenzene	ug/L	ND	0.50	07/08/17 17:12	
1,2-Dichloroethane	ug/L	ND	0.50	07/08/17 17:12	
1,2-Dichloropropane	ug/L	ND	4.0	07/08/17 17:12	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	07/08/17 17:12	
1,3-Dichlorobenzene	ug/L	ND	0.50	07/08/17 17:12	
1,3-Dichloropropane	ug/L	ND	0.50	07/08/17 17:12	
1,4-Dichlorobenzene	ug/L	ND	0.50	07/08/17 17:12	
2,2-Dichloropropane	ug/L	ND	1.0	07/08/17 17:12	
2-Butanone (MEK)	ug/L	ND	5.0	07/08/17 17:12	
2-Chlorotoluene	ug/L	ND	0.50	07/08/17 17:12	
4-Chlorotoluene	ug/L	ND	0.50	07/08/17 17:12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/08/17 17:12	
Acetone	ug/L	ND	20.0	07/08/17 17:12	
Allyl chloride	ug/L	ND	4.0	07/08/17 17:12	
Benzene	ug/L	ND	0.50	07/08/17 17:12	
Bromobenzene	ug/L	ND	0.50	07/08/17 17:12	
Bromochloromethane	ug/L	ND	1.0	07/08/17 17:12	
Bromodichloromethane	ug/L	ND	0.50	07/08/17 17:12	
Bromoform	ug/L	ND	4.0	07/08/17 17:12	
Bromomethane	ug/L	ND	4.0	07/08/17 17:12	
Carbon tetrachloride	ug/L	ND	0.50	07/08/17 17:12	
Chlorobenzene	ug/L	ND	0.50	07/08/17 17:12	
Chloroethane	ug/L	ND	1.0	07/08/17 17:12	
Chloroform	ug/L	ND	1.0	07/08/17 17:12	
Chloromethane	ug/L	ND	4.0	07/08/17 17:12	
cis-1,2-Dichloroethene	ug/L	ND	0.50	07/08/17 17:12	
cis-1,3-Dichloropropene	ug/L	ND	0.50	07/08/17 17:12	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

METHOD BLANK: 2634268

Matrix: Water

Associated Lab Samples: 10394504013, 10394504014, 10394504015, 10394504016, 10394504017, 10394504018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	0.50	07/08/17 17:12	
Dibromomethane	ug/L	ND	1.0	07/08/17 17:12	
Dichlorodifluoromethane	ug/L	ND	1.0	07/08/17 17:12	
Dichlorofluoromethane	ug/L	ND	1.0	07/08/17 17:12	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	07/08/17 17:12	
Ethylbenzene	ug/L	ND	0.50	07/08/17 17:12	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/08/17 17:12	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	07/08/17 17:12	
m&p-Xylene	ug/L	ND	1.0	07/08/17 17:12	
Methyl-tert-butyl ether	ug/L	ND	0.50	07/08/17 17:12	
Methylene Chloride	ug/L	ND	4.0	07/08/17 17:12	
n-Butylbenzene	ug/L	ND	0.50	07/08/17 17:12	
n-Propylbenzene	ug/L	ND	0.50	07/08/17 17:12	
Naphthalene	ug/L	ND	4.0	07/08/17 17:12	MN
o-Xylene	ug/L	ND	0.50	07/08/17 17:12	
p-Isopropyltoluene	ug/L	ND	0.50	07/08/17 17:12	
sec-Butylbenzene	ug/L	ND	0.50	07/08/17 17:12	
Styrene	ug/L	ND	0.50	07/08/17 17:12	
tert-Butylbenzene	ug/L	ND	0.50	07/08/17 17:12	
Tetrachloroethene	ug/L	ND	0.50	07/08/17 17:12	
Tetrahydrofuran	ug/L	ND	10.0	07/08/17 17:12	
Toluene	ug/L	ND	0.50	07/08/17 17:12	
trans-1,2-Dichloroethene	ug/L	ND	0.50	07/08/17 17:12	
trans-1,3-Dichloropropene	ug/L	ND	0.50	07/08/17 17:12	
Trichloroethene	ug/L	ND	0.40	07/08/17 17:12	
Trichlorofluoromethane	ug/L	ND	0.50	07/08/17 17:12	
Vinyl chloride	ug/L	ND	0.20	07/08/17 17:12	
Xylene (Total)	ug/L	ND	1.5	07/08/17 17:12	
1,2-Dichloroethane-d4 (S)	%	104	75-137	07/08/17 17:12	
4-Bromofluorobenzene (S)	%	102	75-125	07/08/17 17:12	
Toluene-d8 (S)	%	101	75-125	07/08/17 17:12	

LABORATORY CONTROL SAMPLE & LCSD: 2634269

2636029

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.8	20.6	104	103	75-136	1	30	
1,1,1-Trichloroethane	ug/L	20	19.9	19.0	99	95	75-129	5	30	
1,1,2,2-Tetrachloroethane	ug/L	20	20.7	21.3	104	106	71-138	2	30	
1,1,2-Trichloroethane	ug/L	20	20.2	20.6	101	103	75-125	2	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.0	18.2	95	91	69-126	4	30	
1,1-Dichloroethane	ug/L	20	20.2	19.3	101	97	75-125	4	30	
1,1-Dichloroethene	ug/L	20	19.5	19.1	97	95	75-125	2	30	
1,1-Dichloropropene	ug/L	20	20.8	18.7	104	94	75-125	10	30	
1,2,3-Trichlorobenzene	ug/L	20	18.3	20.2	92	101	75-125	10	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE & LCSD: 2634269			2636029							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	20	20.1	20.1	101	101	75-125	0	30	
1,2,4-Trichlorobenzene	ug/L	20	18.7	19.0	94	95	75-125	2	30	
1,2,4-Trimethylbenzene	ug/L	20	18.8	18.9	94	94	75-125	1	30	
1,2-Dibromo-3-chloropropane	ug/L	50	43.4	49.7	87	99	71-130	13	30	
1,2-Dibromoethane (EDB)	ug/L	20	18.9	20.1	95	101	75-125	6	30	
1,2-Dichlorobenzene	ug/L	20	19.2	19.8	96	99	75-125	3	30	
1,2-Dichloroethane	ug/L	20	19.0	19.1	95	96	70-125	1	30	
1,2-Dichloropropane	ug/L	20	20.5	19.3	102	96	75-125	6	30	
1,3,5-Trimethylbenzene	ug/L	20	20.3	20.2	101	101	75-125	1	30	
1,3-Dichlorobenzene	ug/L	20	18.8	19.3	94	97	75-125	3	30	
1,3-Dichloropropane	ug/L	20	21.5	20.4	107	102	75-125	5	30	
1,4-Dichlorobenzene	ug/L	20	18.6	18.8	93	94	75-125	1	30	
2,2-Dichloropropane	ug/L	20	19.5	18.5	98	93	70-131	5	30	
2-Butanone (MEK)	ug/L	100	89.0	89.9	89	90	69-125	1	30	
2-Chlorotoluene	ug/L	20	18.8	19.1	94	96	75-125	2	30	
4-Chlorotoluene	ug/L	20	20.0	20.3	100	102	75-125	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	103	101	103	73-125	2	30	
Acetone	ug/L	100	104	86.5	104	87	66-126	18	30	
Allyl chloride	ug/L	20	18.7	18.4	94	92	71-125	2	30	
Benzene	ug/L	20	18.4	18.5	92	92	75-125	0	30	
Bromobenzene	ug/L	20	18.9	19.0	94	95	75-125	0	30	
Bromochloromethane	ug/L	20	19.3	20.7	97	104	75-126	7	30	
Bromodichloromethane	ug/L	20	20.0	20.0	100	100	75-133	0	30	
Bromoform	ug/L	20	20.1	19.8	100	99	62-142	1	30	
Bromomethane	ug/L	20	16.9	18.5	85	93	34-143	9	30	
Carbon tetrachloride	ug/L	20	19.9	19.4	100	97	71-145	3	30	
Chlorobenzene	ug/L	20	18.7	18.6	94	93	75-125	1	30	
Chloroethane	ug/L	20	20.5	20.1	103	101	75-125	2	30	
Chloroform	ug/L	20	18.3	18.1	91	91	75-125	1	30	
Chloromethane	ug/L	20	20.2	20.7	101	103	54-125	2	30	
cis-1,2-Dichloroethene	ug/L	20	19.9	19.5	100	98	75-125	2	30	
cis-1,3-Dichloropropene	ug/L	20	21.1	19.9	105	99	75-125	6	30	
Dibromochloromethane	ug/L	20	20.5	21.4	103	107	74-141	4	30	
Dibromomethane	ug/L	20	18.6	18.8	93	94	75-125	1	30	
Dichlorodifluoromethane	ug/L	20	18.6	17.6	93	88	59-130	5	30	
Dichlorofluoromethane	ug/L	20	19.5	19.3	97	96	75-125	1	30	
Diethyl ether (Ethyl ether)	ug/L	20	19.6	19.9	98	100	75-125	2	30	
Ethylbenzene	ug/L	20	19.7	18.3	99	92	75-125	7	30	
Hexachloro-1,3-butadiene	ug/L	20	21.6	20.5	108	102	75-131	5	30	
Isopropylbenzene (Cumene)	ug/L	20	21.0	19.8	105	99	75-125	6	30	
m&p-Xylene	ug/L	40	42.5	39.7	106	99	75-125	7	30	
Methyl-tert-butyl ether	ug/L	20	19.2	20.0	96	100	75-125	4	30	
Methylene Chloride	ug/L	20	19.2	19.7	96	98	73-125	2	30	
n-Butylbenzene	ug/L	20	21.7	20.8	108	104	75-125	4	30	
n-Propylbenzene	ug/L	20	20.0	19.1	100	95	75-125	5	30	
Naphthalene	ug/L	20	16.6	19.0	83	95	74-125	13	30	
o-Xylene	ug/L	20	20.1	19.9	100	99	75-125	1	30	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE & LCSD: 2634269			2636029							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	20	22.3	20.6	111	103	75-125	8	30	
sec-Butylbenzene	ug/L	20	21.3	20.7	107	103	75-125	3	30	
Styrene	ug/L	20	20.1	20.0	101	100	75-125	1	30	
tert-Butylbenzene	ug/L	20	20.4	20.0	102	100	75-125	2	30	
Tetrachloroethene	ug/L	20	19.0	18.6	95	93	75-125	2	30	
Tetrahydrofuran	ug/L	200	218	212	109	106	65-127	3	30	
Toluene	ug/L	20	19.2	18.7	96	93	75-125	3	30	
trans-1,2-Dichloroethene	ug/L	20	18.5	18.9	93	94	75-125	2	30	
trans-1,3-Dichloropropene	ug/L	20	21.4	20.7	107	104	75-125	3	30	
Trichloroethene	ug/L	20	20.5	19.3	103	96	75-125	6	30	
Trichlorofluoromethane	ug/L	20	20.1	18.1	100	91	71-140	10	30	
Vinyl chloride	ug/L	20	19.4	18.9	97	94	70-125	3	30	
Xylene (Total)	ug/L	60	62.5	59.6	104	99	75-125	5	30	
1,2-Dichloroethane-d4 (S)	%				99	98	75-137			
4-Bromofluorobenzene (S)	%				98	103	75-125			
Toluene-d8 (S)	%				101	100	75-125			

MATRIX SPIKE SAMPLE: 2636030		10394504014		Spike Conc.		MS Result		MS % Rec		% Rec Limits		Qualifiers
Parameter	Units	Result										
1,1,1,2-Tetrachloroethane	ug/L	ND	20	19.3	97	75-137						
1,1,1-Trichloroethane	ug/L	ND	20	19.4	97	75-139						
1,1,2,2-Tetrachloroethane	ug/L	ND	20	18.8	94	60-142						
1,1,2-Trichloroethane	ug/L	ND	20	18.2	91	75-128						
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	21.7	108	62-150						
1,1-Dichloroethane	ug/L	ND	20	19.2	96	70-129						
1,1-Dichloroethene	ug/L	ND	20	20.0	100	67-141						
1,1-Dichloropropene	ug/L	ND	20	20.4	102	64-144						
1,2,3-Trichlorobenzene	ug/L	ND	20	18.8	94	66-139						
1,2,3-Trichloropropane	ug/L	ND	20	18.0	90	69-134						
1,2,4-Trichlorobenzene	ug/L	ND	20	18.1	90	65-138						
1,2,4-Trimethylbenzene	ug/L	ND	20	17.6	88	65-143						
1,2-Dibromo-3-chloropropane	ug/L	ND	50	40.8	82	61-134						
1,2-Dibromoethane (EDB)	ug/L	ND	20	17.7	88	74-129						
1,2-Dichlorobenzene	ug/L	ND	20	17.8	89	68-135						
1,2-Dichloroethane	ug/L	ND	20	17.6	88	73-125						
1,2-Dichloropropane	ug/L	ND	20	18.9	94	64-130						
1,3,5-Trimethylbenzene	ug/L	ND	20	19.4	97	64-146						
1,3-Dichlorobenzene	ug/L	ND	20	17.7	89	69-135						
1,3-Dichloropropane	ug/L	ND	20	19.3	97	67-128						
1,4-Dichlorobenzene	ug/L	ND	20	17.1	86	66-134						
2,2-Dichloropropane	ug/L	ND	20	20.1	101	50-150						
2-Butanone (MEK)	ug/L	ND	100	76.8	77	58-125						
2-Chlorotoluene	ug/L	ND	20	17.6	88	65-138						
4-Chlorotoluene	ug/L	ND	20	18.6	93	68-135						

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

MATRIX SPIKE SAMPLE:		2636030	10394504014	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	90.1	90	61-130		
Acetone	ug/L	ND	100	138	127	51-140		
Allyl chloride	ug/L	ND	20	19.0	95	61-125		
Benzene	ug/L	ND	20	17.7	88	63-132		
Bromobenzene	ug/L	ND	20	17.4	87	67-138		
Bromochloromethane	ug/L	ND	20	18.7	93	66-138		
Bromodichloromethane	ug/L	ND	20	18.6	93	75-137		
Bromoform	ug/L	ND	20	18.4	92	65-129		
Bromomethane	ug/L	ND	20	20.3	101	41-150		
Carbon tetrachloride	ug/L	ND	20	20.4	102	75-150		
Chlorobenzene	ug/L	ND	20	17.2	86	73-127		
Chloroethane	ug/L	ND	20	21.6	108	74-138		
Chloroform	ug/L	ND	20	17.0	85	74-125		
Chloromethane	ug/L	ND	20	22.1	111	58-129		
cis-1,2-Dichloroethene	ug/L	ND	20	19.2	96	63-135		
cis-1,3-Dichloropropene	ug/L	ND	20	19.0	95	66-129		
Dibromochloromethane	ug/L	ND	20	18.5	93	75-133		
Dibromomethane	ug/L	ND	20	17.3	86	68-134		
Dichlorodifluoromethane	ug/L	ND	20	22.9	114	72-150		
Dichlorofluoromethane	ug/L	ND	20	20.4	102	75-129		
Diethyl ether (Ethyl ether)	ug/L	ND	20	18.2	91	73-125		
Ethylbenzene	ug/L	ND	20	18.4	92	72-130		
Hexachloro-1,3-butadiene	ug/L	ND	20	21.7	108	71-150		
Isopropylbenzene (Cumene)	ug/L	ND	20	20.0	100	70-136		
m&p-Xylene	ug/L	ND	40	39.6	99	64-142		
Methyl-tert-butyl ether	ug/L	ND	20	18.0	90	72-125		
Methylene Chloride	ug/L	ND	20	17.8	89	60-132		
n-Butylbenzene	ug/L	ND	20	21.4	107	60-150		
n-Propylbenzene	ug/L	ND	20	19.1	96	63-142		
Naphthalene	ug/L	ND	20	17.0	85	67-125		
o-Xylene	ug/L	ND	20	19.2	96	60-143		
p-Isopropyltoluene	ug/L	ND	20	21.9	110	64-146		
sec-Butylbenzene	ug/L	ND	20	20.9	105	67-144		
Styrene	ug/L	ND	20	18.4	92	67-136		
tert-Butylbenzene	ug/L	ND	20	19.5	98	68-135		
Tetrachloroethene	ug/L	ND	20	19.1	95	67-148		
Tetrahydrofuran	ug/L	ND	200	288	144	51-141	M1	
Toluene	ug/L	ND	20	17.8	89	61-140		
trans-1,2-Dichloroethene	ug/L	ND	20	18.3	91	62-138		
trans-1,3-Dichloropropene	ug/L	ND	20	19.8	99	67-134		
Trichloroethene	ug/L	ND	20	19.6	98	64-149		
Trichlorofluoromethane	ug/L	ND	20	23.0	115	75-150		
Vinyl chloride	ug/L	ND	20	21.4	107	75-133		
Xylene (Total)	ug/L	ND	60	58.7	98	63-142		
1,2-Dichloroethane-d4 (S)	%				99	75-137		
4-Bromofluorobenzene (S)	%				101	75-125		
Toluene-d8 (S)	%				99	75-125		

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

SAMPLE DUPLICATE: 2636031

Parameter	Units	10394504015 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	13.5J		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	.12J		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

SAMPLE DUPLICATE: 2636031

Parameter	Units	10394504015 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	109	107	2		
4-Bromofluorobenzene (S)	%.	102	101	0		
Toluene-d8 (S)	%.	99	100	0		

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

QC Batch:	484519	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10394504019, 10394504020, 10394504021, 10394504022, 10394504023, 10394504024, 10394504025, 10394504027, 10394504028, 10394504029, 10394504030		

METHOD BLANK:	2638280	Matrix:	Water
Associated Lab Samples:	10394504019, 10394504020, 10394504021, 10394504022, 10394504023, 10394504024, 10394504025, 10394504027, 10394504028, 10394504029, 10394504030		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	07/12/17 23:40	
1,1,1-Trichloroethane	ug/L	ND	0.50	07/12/17 23:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	07/12/17 23:40	
1,1,2-Trichloroethane	ug/L	ND	0.50	07/12/17 23:40	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	07/12/17 23:40	
1,1-Dichloroethane	ug/L	ND	0.50	07/12/17 23:40	
1,1-Dichloroethene	ug/L	ND	0.50	07/12/17 23:40	
1,1-Dichloropropene	ug/L	ND	0.50	07/12/17 23:40	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/12/17 23:40	MN
1,2,3-Trichloropropane	ug/L	ND	4.0	07/12/17 23:40	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/12/17 23:40	MN
1,2,4-Trimethylbenzene	ug/L	ND	1.0	07/12/17 23:40	MN
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	07/12/17 23:40	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	07/12/17 23:40	
1,2-Dichlorobenzene	ug/L	ND	0.50	07/12/17 23:40	
1,2-Dichloroethane	ug/L	ND	0.50	07/12/17 23:40	
1,2-Dichloropropane	ug/L	ND	4.0	07/12/17 23:40	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	07/12/17 23:40	
1,3-Dichlorobenzene	ug/L	ND	0.50	07/12/17 23:40	
1,3-Dichloropropane	ug/L	ND	0.50	07/12/17 23:40	
1,4-Dichlorobenzene	ug/L	ND	0.50	07/12/17 23:40	
2,2-Dichloropropane	ug/L	ND	1.0	07/12/17 23:40	
2-Butanone (MEK)	ug/L	ND	5.0	07/12/17 23:40	
2-Chlorotoluene	ug/L	ND	0.50	07/12/17 23:40	
4-Chlorotoluene	ug/L	ND	0.50	07/12/17 23:40	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/12/17 23:40	
Acetone	ug/L	ND	20.0	07/12/17 23:40	
Allyl chloride	ug/L	ND	4.0	07/12/17 23:40	
Benzene	ug/L	ND	0.50	07/12/17 23:40	
Bromobenzene	ug/L	ND	0.50	07/12/17 23:40	
Bromochloromethane	ug/L	ND	1.0	07/12/17 23:40	
Bromodichloromethane	ug/L	ND	0.50	07/12/17 23:40	
Bromoform	ug/L	ND	4.0	07/12/17 23:40	
Bromomethane	ug/L	ND	4.0	07/12/17 23:40	
Carbon tetrachloride	ug/L	ND	0.50	07/12/17 23:40	
Chlorobenzene	ug/L	ND	0.50	07/12/17 23:40	
Chloroethane	ug/L	ND	1.0	07/12/17 23:40	
Chloroform	ug/L	ND	1.0	07/12/17 23:40	
Chloromethane	ug/L	ND	4.0	07/12/17 23:40	
cis-1,2-Dichloroethene	ug/L	ND	0.50	07/12/17 23:40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

METHOD BLANK: 2638280

Matrix: Water

Associated Lab Samples: 10394504019, 10394504020, 10394504021, 10394504022, 10394504023, 10394504024, 10394504025, 10394504027, 10394504028, 10394504029, 10394504030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	07/12/17 23:40	
Dibromochloromethane	ug/L	ND	0.50	07/12/17 23:40	
Dibromomethane	ug/L	ND	1.0	07/12/17 23:40	
Dichlorodifluoromethane	ug/L	ND	1.0	07/12/17 23:40	
Dichlorofluoromethane	ug/L	ND	1.0	07/12/17 23:40	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	07/12/17 23:40	
Ethylbenzene	ug/L	ND	0.50	07/12/17 23:40	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/12/17 23:40	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	07/12/17 23:40	
m&p-Xylene	ug/L	ND	1.0	07/12/17 23:40	
Methyl-tert-butyl ether	ug/L	ND	0.50	07/12/17 23:40	
Methylene Chloride	ug/L	ND	4.0	07/12/17 23:40	
n-Butylbenzene	ug/L	ND	0.50	07/12/17 23:40	
n-Propylbenzene	ug/L	ND	0.50	07/12/17 23:40	
Naphthalene	ug/L	ND	4.0	07/12/17 23:40	MN
o-Xylene	ug/L	ND	0.50	07/12/17 23:40	
p-Isopropyltoluene	ug/L	ND	0.50	07/12/17 23:40	
sec-Butylbenzene	ug/L	ND	0.50	07/12/17 23:40	
Styrene	ug/L	ND	0.50	07/12/17 23:40	
tert-Butylbenzene	ug/L	ND	0.50	07/12/17 23:40	
Tetrachloroethene	ug/L	ND	0.50	07/12/17 23:40	
Tetrahydrofuran	ug/L	ND	10.0	07/12/17 23:40	
Toluene	ug/L	ND	0.50	07/12/17 23:40	
trans-1,2-Dichloroethene	ug/L	ND	0.50	07/12/17 23:40	
trans-1,3-Dichloropropene	ug/L	ND	0.50	07/12/17 23:40	
Trichloroethene	ug/L	ND	0.40	07/12/17 23:40	
Trichlorofluoromethane	ug/L	ND	0.50	07/12/17 23:40	
Vinyl chloride	ug/L	ND	0.20	07/12/17 23:40	
Xylene (Total)	ug/L	ND	1.5	07/12/17 23:40	
1,2-Dichloroethane-d4 (S)	%	100	75-137	07/12/17 23:40	
4-Bromofluorobenzene (S)	%	104	75-125	07/12/17 23:40	
Toluene-d8 (S)	%	98	75-125	07/12/17 23:40	

LABORATORY CONTROL SAMPLE: 2638281

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.9	105	75-136	
1,1,1-Trichloroethane	ug/L	20	20.2	101	75-129	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	71-138	
1,1,2-Trichloroethane	ug/L	20	21.8	109	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.0	95	69-126	
1,1-Dichloroethane	ug/L	20	20.0	100	75-125	
1,1-Dichloroethene	ug/L	20	19.9	99	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE: 2638281

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloropropene	ug/L	20	20.0	100	75-125	
1,2,3-Trichlorobenzene	ug/L	20	19.0	95	75-125	
1,2,3-Trichloropropane	ug/L	20	21.1	105	75-125	
1,2,4-Trichlorobenzene	ug/L	20	18.5	92	75-125	
1,2,4-Trimethylbenzene	ug/L	20	19.3	97	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	50.9	102	71-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.4	107	75-125	
1,2-Dichlorobenzene	ug/L	20	20.7	103	75-125	
1,2-Dichloroethane	ug/L	20	20.4	102	70-125	
1,2-Dichloropropane	ug/L	20	20.7	104	75-125	
1,3,5-Trimethylbenzene	ug/L	20	20.8	104	75-125	
1,3-Dichlorobenzene	ug/L	20	20.0	100	75-125	
1,3-Dichloropropane	ug/L	20	21.9	109	75-125	
1,4-Dichlorobenzene	ug/L	20	19.6	98	75-125	
2,2-Dichloropropane	ug/L	20	17.2	86	70-131	
2-Butanone (MEK)	ug/L	100	97.7	98	69-125	
2-Chlorotoluene	ug/L	20	19.6	98	75-125	
4-Chlorotoluene	ug/L	20	20.9	105	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	73-125	
Acetone	ug/L	100	117	117	66-126	
Allyl chloride	ug/L	20	18.6	93	71-125	
Benzene	ug/L	20	19.8	99	75-125	
Bromobenzene	ug/L	20	20.3	101	75-125	
Bromochloromethane	ug/L	20	21.3	106	75-126	
Bromodichloromethane	ug/L	20	20.9	105	75-133	
Bromoform	ug/L	20	20.2	101	62-142	
Bromomethane	ug/L	20	12.6	63	34-143	
Carbon tetrachloride	ug/L	20	19.8	99	71-145	
Chlorobenzene	ug/L	20	19.5	98	75-125	
Chloroethane	ug/L	20	20.1	101	75-125	
Chloroform	ug/L	20	19.1	96	75-125	
Chloromethane	ug/L	20	18.2	91	54-125	
cis-1,2-Dichloroethene	ug/L	20	20.7	103	75-125	
cis-1,3-Dichloropropene	ug/L	20	20.8	104	75-125	
Dibromochloromethane	ug/L	20	21.7	109	74-141	
Dibromomethane	ug/L	20	20.7	104	75-125	
Dichlorodifluoromethane	ug/L	20	19.3	97	59-130	
Dichlorofluoromethane	ug/L	20	20.0	100	75-125	
Diethyl ether (Ethyl ether)	ug/L	20	21.3	106	75-125	
Ethylbenzene	ug/L	20	19.5	98	75-125	
Hexachloro-1,3-butadiene	ug/L	20	18.3	91	75-131	
Isopropylbenzene (Cumene)	ug/L	20	21.3	107	75-125	
m&p-Xylene	ug/L	40	42.3	106	75-125	
Methyl-tert-butyl ether	ug/L	20	21.1	106	75-125	
Methylene Chloride	ug/L	20	20.3	102	73-125	
n-Butylbenzene	ug/L	20	19.4	97	75-125	
n-Propylbenzene	ug/L	20	19.4	97	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE: 2638281

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	20	19.1	96	74-125	
o-Xylene	ug/L	20	21.6	108	75-125	
p-Isopropyltoluene	ug/L	20	20.0	100	75-125	
sec-Butylbenzene	ug/L	20	19.9	99	75-125	
Styrene	ug/L	20	22.1	111	75-125	
tert-Butylbenzene	ug/L	20	19.9	99	75-125	
Tetrachloroethene	ug/L	20	19.6	98	75-125	
Tetrahydrofuran	ug/L	200	293	146	65-127	CH,L3
Toluene	ug/L	20	19.8	99	75-125	
trans-1,2-Dichloroethene	ug/L	20	19.3	96	75-125	
trans-1,3-Dichloropropene	ug/L	20	20.5	103	75-125	
Trichloroethene	ug/L	20	20.7	103	75-125	
Trichlorofluoromethane	ug/L	20	20.0	100	71-140	
Vinyl chloride	ug/L	20	18.8	94	70-125	
Xylene (Total)	ug/L	60	63.9	106	75-125	
1,2-Dichloroethane-d4 (S)	%			99	75-137	
4-Bromofluorobenzene (S)	%			100	75-125	
Toluene-d8 (S)	%			97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2638282 2638283

Parameter	Units	10394491009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.6	19.1	98	96	75-137	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.3	19.7	101	99	75-139	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.6	18.9	98	95	60-142	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.6	19.0	98	95	75-128	3	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	21.6	21.1	108	106	62-150	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.3	19.1	97	96	70-129	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.6	20.2	103	101	67-141	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.4	19.9	102	99	64-144	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.4	19.0	97	95	66-139	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.1	18.9	96	95	69-134	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.5	18.1	92	90	65-138	2	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.7	18.1	94	90	65-143	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	45.5	44.7	91	89	61-134	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.0	18.7	95	93	74-129	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.7	18.9	99	94	68-135	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.4	18.2	92	91	73-125	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	19.6	18.5	98	93	64-130	5	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.3	19.6	101	98	64-146	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.3	18.4	97	92	69-135	5	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.5	19.1	97	96	67-128	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.1	92	91	66-134	1	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2638282 2638283											
Parameter	Units	10394491009		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
2,2-Dichloropropane	ug/L	ND	20	20	16.6	16.1	83	80	50-150	3	30
2-Butanone (MEK)	ug/L	ND	100	100	84.6	81.5	85	81	58-125	4	30
2-Chlorotoluene	ug/L	ND	20	20	19.4	18.7	97	93	65-138	4	30
4-Chlorotoluene	ug/L	ND	20	20	20.4	19.3	102	97	68-135	5	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	96.3	94.3	96	94	61-130	2	30
Acetone	ug/L	32.2	100	100	164	143	132	111	51-140	13	30
Allyl chloride	ug/L	ND	20	20	18.5	18.4	93	92	61-125	1	30
Benzene	ug/L	ND	20	20	19.1	18.7	96	94	63-132	2	30
Bromobenzene	ug/L	ND	20	20	19.0	18.0	95	90	67-138	6	30
Bromochloromethane	ug/L	ND	20	20	19.7	18.6	98	93	66-138	6	30
Bromodichloromethane	ug/L	ND	20	20	19.8	19.6	99	98	75-137	1	30
Bromoform	ug/L	ND	20	20	18.2	18.1	91	90	65-129	0	30
Bromomethane	ug/L	ND	20	20	15.6	17.1	78	86	41-150	9	30
Carbon tetrachloride	ug/L	ND	20	20	20.6	20.6	103	103	75-150	0	30
Chlorobenzene	ug/L	ND	20	20	18.8	18.2	94	91	73-127	3	30
Chloroethane	ug/L	ND	20	20	20.0	21.2	100	106	74-138	6	30
Chloroform	ug/L	ND	20	20	18.6	18.0	93	90	74-125	3	30
Chloromethane	ug/L	ND	20	20	18.8	18.9	94	94	58-129	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.6	100	98	63-135	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.2	18.0	96	90	66-129	7	30
Dibromochloromethane	ug/L	ND	20	20	19.9	19.2	99	96	75-133	4	30
Dibromomethane	ug/L	ND	20	20	18.8	17.9	94	90	68-134	5	30
Dichlorodifluoromethane	ug/L	ND	20	20	21.6	22.7	108	114	72-150	5	30
Dichlorofluoromethane	ug/L	ND	20	20	19.7	20.3	99	102	75-129	3	30
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	19.7	19.0	99	95	73-125	4	30
Ethylbenzene	ug/L	ND	20	20	19.1	18.3	95	92	72-130	4	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.6	18.0	93	90	71-150	3	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.4	20.8	107	104	70-136	3	30
m&p-Xylene	ug/L	ND	40	40	41.6	40.4	104	101	64-142	3	30
Methyl-tert-butyl ether	ug/L	ND	20	20	19.2	18.8	96	94	72-125	2	30
Methylene Chloride	ug/L	ND	20	20	19.0	18.6	95	93	60-132	2	30
n-Butylbenzene	ug/L	ND	20	20	20.3	19.4	102	97	60-150	4	30
n-Propylbenzene	ug/L	ND	20	20	19.6	19.5	98	98	63-142	0	30
Naphthalene	ug/L	ND	20	20	18.7	18.5	94	92	67-125	1	30
o-Xylene	ug/L	ND	20	20	20.6	20.7	103	104	60-143	1	30
p-Isopropyltoluene	ug/L	ND	20	20	20.5	19.7	103	99	64-146	4	30
sec-Butylbenzene	ug/L	ND	20	20	21.1	20.1	105	101	67-144	4	30
Styrene	ug/L	ND	20	20	20.7	19.8	104	99	67-136	5	30
tert-Butylbenzene	ug/L	ND	20	20	20.5	19.7	103	98	68-135	4	30
Tetrachloroethene	ug/L	ND	20	20	19.6	18.8	98	94	67-148	4	30
Tetrahydrofuran	ug/L	ND	200	200	332	323	166	161	51-141	3	30 CH,M0
Toluene	ug/L	ND	20	20	18.8	18.6	94	93	61-140	1	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.5	19.1	98	96	62-138	2	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.1	17.9	95	90	67-134	6	30
Trichloroethene	ug/L	ND	20	20	20.4	20.0	102	100	64-149	2	30

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2638282 2638283												
Parameter	Units	10394491009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Trichlorofluoromethane	ug/L	ND	20	20	21.7	22.2	108	111	75-150	3	30	
Vinyl chloride	ug/L	ND	20	20	19.8	20.5	99	102	75-133	3	30	
Xylene (Total)	ug/L	ND	60	60	62.2	61.1	104	102	63-142	2	30	
1,2-Dichloroethane-d4 (S)	%.						98	100	75-137			
4-Bromofluorobenzene (S)	%.						100	101	75-125			
Toluene-d8 (S)	%.						98	99	75-125			

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

QC Batch: 484793

Analysis Method: EPA 8260B

QC Batch Method: EPA 8260B

Analysis Description: 8260 MSV LL Water

Associated Lab Samples: 10394504026

METHOD BLANK: 2639559

Matrix: Water

Associated Lab Samples: 10394504026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	07/13/17 11:14	
1,1,1-Trichloroethane	ug/L	ND	0.50	07/13/17 11:14	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	07/13/17 11:14	
1,1,2-Trichloroethane	ug/L	ND	0.50	07/13/17 11:14	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	07/13/17 11:14	
1,1-Dichloroethane	ug/L	ND	0.50	07/13/17 11:14	
1,1-Dichloroethene	ug/L	ND	0.50	07/13/17 11:14	
1,1-Dichloropropene	ug/L	ND	0.50	07/13/17 11:14	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/13/17 11:14	MN
1,2,3-Trichloropropane	ug/L	ND	4.0	07/13/17 11:14	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/13/17 11:14	MN
1,2,4-Trimethylbenzene	ug/L	ND	1.0	07/13/17 11:14	MN
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	07/13/17 11:14	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	07/13/17 11:14	
1,2-Dichlorobenzene	ug/L	ND	0.50	07/13/17 11:14	
1,2-Dichloroethane	ug/L	ND	0.50	07/13/17 11:14	
1,2-Dichloropropane	ug/L	ND	4.0	07/13/17 11:14	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	07/13/17 11:14	
1,3-Dichlorobenzene	ug/L	ND	0.50	07/13/17 11:14	
1,3-Dichloropropane	ug/L	ND	0.50	07/13/17 11:14	
1,4-Dichlorobenzene	ug/L	ND	0.50	07/13/17 11:14	
2,2-Dichloropropane	ug/L	ND	1.0	07/13/17 11:14	
2-Butanone (MEK)	ug/L	ND	5.0	07/13/17 11:14	
2-Chlorotoluene	ug/L	ND	0.50	07/13/17 11:14	
4-Chlorotoluene	ug/L	ND	0.50	07/13/17 11:14	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/13/17 11:14	
Acetone	ug/L	ND	20.0	07/13/17 11:14	
Allyl chloride	ug/L	ND	4.0	07/13/17 11:14	
Benzene	ug/L	ND	0.50	07/13/17 11:14	
Bromobenzene	ug/L	ND	0.50	07/13/17 11:14	
Bromochloromethane	ug/L	ND	1.0	07/13/17 11:14	
Bromodichloromethane	ug/L	ND	0.50	07/13/17 11:14	
Bromoform	ug/L	ND	4.0	07/13/17 11:14	
Bromomethane	ug/L	ND	4.0	07/13/17 11:14	
Carbon tetrachloride	ug/L	ND	0.50	07/13/17 11:14	
Chlorobenzene	ug/L	ND	0.50	07/13/17 11:14	
Chloroethane	ug/L	ND	1.0	07/13/17 11:14	
Chloroform	ug/L	ND	1.0	07/13/17 11:14	
Chloromethane	ug/L	ND	4.0	07/13/17 11:14	
cis-1,2-Dichloroethene	ug/L	ND	0.50	07/13/17 11:14	
cis-1,3-Dichloropropene	ug/L	ND	0.50	07/13/17 11:14	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C
Pace Project No.: 10394504

METHOD BLANK: 2639559

Matrix: Water

Associated Lab Samples: 10394504026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	0.50	07/13/17 11:14	
Dibromomethane	ug/L	ND	1.0	07/13/17 11:14	
Dichlorodifluoromethane	ug/L	ND	1.0	07/13/17 11:14	
Dichlorofluoromethane	ug/L	ND	1.0	07/13/17 11:14	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	07/13/17 11:14	
Ethylbenzene	ug/L	ND	0.50	07/13/17 11:14	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/13/17 11:14	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	07/13/17 11:14	
m&p-Xylene	ug/L	ND	1.0	07/13/17 11:14	
Methyl-tert-butyl ether	ug/L	ND	0.50	07/13/17 11:14	
Methylene Chloride	ug/L	ND	4.0	07/13/17 11:14	
n-Butylbenzene	ug/L	ND	0.50	07/13/17 11:14	
n-Propylbenzene	ug/L	ND	0.50	07/13/17 11:14	
Naphthalene	ug/L	ND	4.0	07/13/17 11:14	MN
o-Xylene	ug/L	ND	0.50	07/13/17 11:14	
p-Isopropyltoluene	ug/L	ND	0.50	07/13/17 11:14	
sec-Butylbenzene	ug/L	ND	0.50	07/13/17 11:14	
Styrene	ug/L	ND	0.50	07/13/17 11:14	
tert-Butylbenzene	ug/L	ND	0.50	07/13/17 11:14	
Tetrachloroethene	ug/L	ND	0.50	07/13/17 11:14	
Tetrahydrofuran	ug/L	ND	10.0	07/13/17 11:14	
Toluene	ug/L	ND	0.50	07/13/17 11:14	
trans-1,2-Dichloroethene	ug/L	ND	0.50	07/13/17 11:14	
trans-1,3-Dichloropropene	ug/L	ND	0.50	07/13/17 11:14	
Trichloroethene	ug/L	ND	0.40	07/13/17 11:14	
Trichlorofluoromethane	ug/L	ND	0.50	07/13/17 11:14	
Vinyl chloride	ug/L	ND	0.20	07/13/17 11:14	
Xylene (Total)	ug/L	ND	1.5	07/13/17 11:14	
1,2-Dichloroethane-d4 (S)	%	105	75-137	07/13/17 11:14	
4-Bromofluorobenzene (S)	%	101	75-125	07/13/17 11:14	
Toluene-d8 (S)	%	100	75-125	07/13/17 11:14	

LABORATORY CONTROL SAMPLE & LCSD: 2639560

2639561

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.5	20.5	103	102	75-136	0	30	
1,1,1-Trichloroethane	ug/L	20	20.3	19.8	101	99	75-129	2	30	
1,1,2,2-Tetrachloroethane	ug/L	20	20.9	20.0	105	100	71-138	4	30	
1,1,2-Trichloroethane	ug/L	20	21.1	20.2	106	101	75-125	4	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.9	19.8	100	99	69-126	1	30	
1,1-Dichloroethane	ug/L	20	20.6	19.7	103	99	75-125	5	30	
1,1-Dichloroethene	ug/L	20	19.9	19.3	99	97	75-125	3	30	
1,1-Dichloropropene	ug/L	20	20.5	19.8	102	99	75-125	3	30	
1,2,3-Trichlorobenzene	ug/L	20	18.6	19.0	93	95	75-125	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE & LCSD: 2639560			2639561							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	20	19.9	18.9	99	94	75-125	5	30	
1,2,4-Trichlorobenzene	ug/L	20	18.4	18.5	92	92	75-125	0	30	
1,2,4-Trimethylbenzene	ug/L	20	19.1	18.4	95	92	75-125	4	30	
1,2-Dibromo-3-chloropropane	ug/L	50	43.5	42.7	87	85	71-130	2	30	
1,2-Dibromoethane (EDB)	ug/L	20	20.9	19.1	105	96	75-125	9	30	
1,2-Dichlorobenzene	ug/L	20	20.0	18.8	100	94	75-125	6	30	
1,2-Dichloroethane	ug/L	20	20.8	19.6	104	98	70-125	6	30	
1,2-Dichloropropane	ug/L	20	20.6	19.8	103	99	75-125	4	30	
1,3,5-Trimethylbenzene	ug/L	20	20.4	19.9	102	100	75-125	2	30	
1,3-Dichlorobenzene	ug/L	20	19.8	18.7	99	94	75-125	6	30	
1,3-Dichloropropane	ug/L	20	21.4	20.4	107	102	75-125	5	30	
1,4-Dichlorobenzene	ug/L	20	19.2	18.5	96	92	75-125	4	30	
2,2-Dichloropropane	ug/L	20	20.2	19.5	101	97	70-131	4	30	
2-Butanone (MEK)	ug/L	100	103	98.2	103	98	69-125	5	30	
2-Chlorotoluene	ug/L	20	19.6	19.0	98	95	75-125	3	30	
4-Chlorotoluene	ug/L	20	20.6	19.7	103	99	75-125	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	97.7	101	98	73-125	4	30	
Acetone	ug/L	100	127	128	127	128	66-126	1	30	L1
Allyl chloride	ug/L	20	19.5	19.1	97	96	71-125	2	30	
Benzene	ug/L	20	19.7	19.1	99	95	75-125	3	30	
Bromobenzene	ug/L	20	19.5	17.7	97	89	75-125	10	30	
Bromochloromethane	ug/L	20	21.5	20.0	108	100	75-126	7	30	
Bromodichloromethane	ug/L	20	20.9	20.1	104	100	75-133	4	30	
Bromoform	ug/L	20	18.8	17.7	94	89	62-142	6	30	
Bromomethane	ug/L	20	16.0	18.2	80	91	34-143	13	30	
Carbon tetrachloride	ug/L	20	20.2	19.8	101	99	71-145	2	30	
Chlorobenzene	ug/L	20	19.7	18.5	98	92	75-125	6	30	
Chloroethane	ug/L	20	21.5	21.0	108	105	75-125	3	30	
Chloroform	ug/L	20	19.2	18.5	96	93	75-125	4	30	
Chloromethane	ug/L	20	20.4	20.1	102	100	54-125	1	30	
cis-1,2-Dichloroethene	ug/L	20	20.1	19.7	101	99	75-125	2	30	
cis-1,3-Dichloropropene	ug/L	20	21.2	20.5	106	103	75-125	3	30	
Dibromochloromethane	ug/L	20	21.6	20.0	108	100	74-141	8	30	
Dibromomethane	ug/L	20	19.3	18.1	97	90	75-125	7	30	
Dichlorodifluoromethane	ug/L	20	20.5	20.1	103	101	59-130	2	30	
Dichlorofluoromethane	ug/L	20	20.3	19.9	101	100	75-125	2	30	
Diethyl ether (Ethyl ether)	ug/L	20	21.2	20.8	106	104	75-125	2	30	
Ethylbenzene	ug/L	20	18.7	18.2	93	91	75-125	3	30	
Hexachloro-1,3-butadiene	ug/L	20	18.8	19.5	94	97	75-131	4	30	
Isopropylbenzene (Cumene)	ug/L	20	20.2	20.1	101	101	75-125	0	30	
m&p-Xylene	ug/L	40	41.1	39.5	103	99	75-125	4	30	
Methyl-tert-butyl ether	ug/L	20	19.9	19.2	100	96	75-125	4	30	
Methylene Chloride	ug/L	20	20.4	19.7	102	99	73-125	4	30	
n-Butylbenzene	ug/L	20	21.1	20.9	105	105	75-125	1	30	
n-Propylbenzene	ug/L	20	19.2	19.0	96	95	75-125	1	30	
Naphthalene	ug/L	20	16.6	17.4	83	87	74-125	5	30	
o-Xylene	ug/L	20	20.8	20.1	104	100	75-125	3	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE & LCSD: 2639560		2639561								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	20	21.2	20.4	106	102	75-125	4	30	
sec-Butylbenzene	ug/L	20	20.5	20.3	103	102	75-125	1	30	
Styrene	ug/L	20	21.4	20.0	107	100	75-125	6	30	
tert-Butylbenzene	ug/L	20	19.8	19.3	99	96	75-125	3	30	
Tetrachloroethene	ug/L	20	19.1	18.8	96	94	75-125	2	30	
Tetrahydrofuran	ug/L	200	212	215	106	107	65-127	1	30	
Toluene	ug/L	20	19.3	18.6	97	93	75-125	4	30	
trans-1,2-Dichloroethene	ug/L	20	19.8	19.1	99	95	75-125	4	30	
trans-1,3-Dichloropropene	ug/L	20	21.4	20.0	107	100	75-125	6	30	
Trichloroethene	ug/L	20	20.1	19.6	101	98	75-125	3	30	
Trichlorofluoromethane	ug/L	20	20.7	20.1	104	101	71-140	3	30	
Vinyl chloride	ug/L	20	20.1	19.7	101	99	70-125	2	30	
Xylene (Total)	ug/L	60	61.9	59.6	103	99	75-125	4	30	
1,2-Dichloroethane-d4 (S)	%				101	100	75-137			
4-Bromofluorobenzene (S)	%				100	99	75-125			
Toluene-d8 (S)	%				99	99	75-125			

MATRIX SPIKE SAMPLE:		2639562					
Parameter	Units	10394970008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	18.9	94	75-137	
1,1,1-Trichloroethane	ug/L	ND	20	20.1	101	75-139	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	19.3	96	60-142	
1,1,2-Trichloroethane	ug/L	ND	20	18.9	94	75-128	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	22.4	112	62-150	
1,1-Dichloroethane	ug/L	ND	20	20.2	101	70-129	
1,1-Dichloroethene	ug/L	ND	20	21.0	105	67-141	
1,1-Dichloropropene	ug/L	ND	20	20.5	102	64-144	
1,2,3-Trichlorobenzene	ug/L	ND	20	20.1	100	66-139	
1,2,3-Trichloropropane	ug/L	ND	20	18.6	93	69-134	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.3	96	65-138	
1,2,4-Trimethylbenzene	ug/L	ND	20	18.3	92	65-143	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	44.1	88	61-134	
1,2-Dibromoethane (EDB)	ug/L	ND	20	18.6	93	74-129	
1,2-Dichlorobenzene	ug/L	ND	20	18.8	94	68-135	
1,2-Dichloroethane	ug/L	ND	20	19.3	96	73-125	
1,2-Dichloropropane	ug/L	ND	20	19.2	96	64-130	
1,3,5-Trimethylbenzene	ug/L	ND	20	19.9	99	64-146	
1,3-Dichlorobenzene	ug/L	ND	20	18.9	95	69-135	
1,3-Dichloropropane	ug/L	ND	20	19.6	98	67-128	
1,4-Dichlorobenzene	ug/L	ND	20	18.1	90	66-134	
2,2-Dichloropropane	ug/L	ND	20	20.1	101	50-150	
2-Butanone (MEK)	ug/L	ND	100	84.1	84	58-125	
2-Chlorotoluene	ug/L	ND	20	18.9	94	65-138	
4-Chlorotoluene	ug/L	ND	20	19.9	99	68-135	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

MATRIX SPIKE SAMPLE: 2639562		10394970008	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	97.3	97	61-130	
Acetone	ug/L	13.0J	100	143	130	51-140	
Allyl chloride	ug/L	ND	20	19.8	99	61-125	
Benzene	ug/L	ND	20	19.2	96	63-132	
Bromobenzene	ug/L	ND	20	18.3	91	67-138	
Bromochloromethane	ug/L	ND	20	20.3	101	66-138	
Bromodichloromethane	ug/L	ND	20	19.4	97	75-137	
Bromoform	ug/L	ND	20	16.5	82	65-129	
Bromomethane	ug/L	ND	20	17.9	90	41-150	
Carbon tetrachloride	ug/L	ND	20	20.0	100	75-150	
Chlorobenzene	ug/L	ND	20	18.2	91	73-127	
Chloroethane	ug/L	ND	20	24.8	124	74-138	
Chloroform	ug/L	ND	20	18.3	91	74-125	
Chloromethane	ug/L	ND	20	20.2	101	58-129	
cis-1,2-Dichloroethene	ug/L	ND	20	20.5	103	63-135	
cis-1,3-Dichloropropene	ug/L	ND	20	18.7	94	66-129	
Dibromochloromethane	ug/L	ND	20	18.5	93	75-133	
Dibromomethane	ug/L	ND	20	17.6	88	68-134	
Dichlorodifluoromethane	ug/L	ND	20	22.1	110	72-150	
Dichlorofluoromethane	ug/L	ND	20	19.9	100	75-129	
Diethyl ether (Ethyl ether)	ug/L	ND	20	19.8	99	73-125	
Ethylbenzene	ug/L	ND	20	17.9	90	72-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	26.7	134	71-150	
Isopropylbenzene (Cumene)	ug/L	ND	20	19.7	98	70-136	
m&p-Xylene	ug/L	ND	40	39.2	98	64-142	
Methyl-tert-butyl ether	ug/L	ND	20	18.9	94	72-125	
Methylene Chloride	ug/L	ND	20	19.5	97	60-132	
n-Butylbenzene	ug/L	ND	20	22.0	110	60-150	
n-Propylbenzene	ug/L	ND	20	19.1	95	63-142	
Naphthalene	ug/L	ND	20	17.8	89	67-125	
o-Xylene	ug/L	ND	20	19.2	96	60-143	
p-Isopropyltoluene	ug/L	ND	20	21.1	105	64-146	
sec-Butylbenzene	ug/L	ND	20	21.0	105	67-144	
Styrene	ug/L	ND	20	19.1	96	67-136	
tert-Butylbenzene	ug/L	ND	20	19.8	99	68-135	
Tetrachloroethene	ug/L	ND	20	19.0	95	67-148	
Tetrahydrofuran	ug/L	ND	200	320	160	51-141	M1
Toluene	ug/L	0.11J	20	18.6	92	61-140	
trans-1,2-Dichloroethene	ug/L	ND	20	19.8	99	62-138	
trans-1,3-Dichloropropene	ug/L	ND	20	19.1	96	67-134	
Trichloroethene	ug/L	ND	20	19.7	98	64-149	
Trichlorofluoromethane	ug/L	ND	20	21.5	107	75-150	
Vinyl chloride	ug/L	ND	20	20.3	102	75-133	
Xylene (Total)	ug/L	ND	60	58.4	97	63-142	
1,2-Dichloroethane-d4 (S)	%				102	75-137	
4-Bromofluorobenzene (S)	%				102	75-125	
Toluene-d8 (S)	%				99	75-125	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

SAMPLE DUPLICATE: 2639663

Parameter	Units	10394504026 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	12.1J		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	0.55	0.70	24	30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	.33J		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	5.5	6.0	9	30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

SAMPLE DUPLICATE: 2639663

Parameter	Units	10394504026 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	69.7	70.8	1	30	
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	2.6	2.8	7	30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	107	105	1		
4-Bromofluorobenzene (S)	%.	101	105	3		
Toluene-d8 (S)	%.	97	99	2		

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

QC Batch: 484882

Analysis Method: EPA 8260B

QC Batch Method: EPA 8260B

Analysis Description: 8260 MSV LL Water

Associated Lab Samples: 10394504031

METHOD BLANK: 2639868

Matrix: Water

Associated Lab Samples: 10394504031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	07/13/17 23:10	
1,1,1-Trichloroethane	ug/L	ND	0.50	07/13/17 23:10	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	07/13/17 23:10	
1,1,2-Trichloroethane	ug/L	ND	0.50	07/13/17 23:10	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	07/13/17 23:10	
1,1-Dichloroethane	ug/L	ND	0.50	07/13/17 23:10	
1,1-Dichloroethene	ug/L	ND	0.50	07/13/17 23:10	
1,1-Dichloropropene	ug/L	ND	0.50	07/13/17 23:10	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/13/17 23:10	MN
1,2,3-Trichloropropane	ug/L	ND	4.0	07/13/17 23:10	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/13/17 23:10	MN
1,2,4-Trimethylbenzene	ug/L	ND	1.0	07/13/17 23:10	MN
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	07/13/17 23:10	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	07/13/17 23:10	
1,2-Dichlorobenzene	ug/L	ND	0.50	07/13/17 23:10	
1,2-Dichloroethane	ug/L	ND	0.50	07/13/17 23:10	
1,2-Dichloropropane	ug/L	ND	4.0	07/13/17 23:10	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	07/13/17 23:10	
1,3-Dichlorobenzene	ug/L	ND	0.50	07/13/17 23:10	
1,3-Dichloropropane	ug/L	ND	0.50	07/13/17 23:10	
1,4-Dichlorobenzene	ug/L	ND	0.50	07/13/17 23:10	
2,2-Dichloropropane	ug/L	ND	1.0	07/13/17 23:10	
2-Butanone (MEK)	ug/L	ND	5.0	07/13/17 23:10	
2-Chlorotoluene	ug/L	ND	0.50	07/13/17 23:10	
4-Chlorotoluene	ug/L	ND	0.50	07/13/17 23:10	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/13/17 23:10	
Acetone	ug/L	ND	20.0	07/13/17 23:10	
Allyl chloride	ug/L	ND	4.0	07/13/17 23:10	
Benzene	ug/L	ND	0.50	07/13/17 23:10	
Bromobenzene	ug/L	ND	0.50	07/13/17 23:10	
Bromochloromethane	ug/L	ND	1.0	07/13/17 23:10	
Bromodichloromethane	ug/L	ND	0.50	07/13/17 23:10	
Bromoform	ug/L	ND	4.0	07/13/17 23:10	
Bromomethane	ug/L	ND	4.0	07/13/17 23:10	
Carbon tetrachloride	ug/L	ND	0.50	07/13/17 23:10	
Chlorobenzene	ug/L	ND	0.50	07/13/17 23:10	
Chloroethane	ug/L	ND	1.0	07/13/17 23:10	
Chloroform	ug/L	ND	1.0	07/13/17 23:10	
Chloromethane	ug/L	ND	4.0	07/13/17 23:10	
cis-1,2-Dichloroethene	ug/L	ND	0.50	07/13/17 23:10	
cis-1,3-Dichloropropene	ug/L	ND	0.50	07/13/17 23:10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C
Pace Project No.: 10394504

METHOD BLANK: 2639868

Matrix: Water

Associated Lab Samples: 10394504031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	0.50	07/13/17 23:10	
Dibromomethane	ug/L	ND	1.0	07/13/17 23:10	
Dichlorodifluoromethane	ug/L	ND	1.0	07/13/17 23:10	
Dichlorofluoromethane	ug/L	ND	1.0	07/13/17 23:10	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	07/13/17 23:10	
Ethylbenzene	ug/L	ND	0.50	07/13/17 23:10	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/13/17 23:10	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	07/13/17 23:10	
m&p-Xylene	ug/L	ND	1.0	07/13/17 23:10	
Methyl-tert-butyl ether	ug/L	ND	0.50	07/13/17 23:10	
Methylene Chloride	ug/L	ND	4.0	07/13/17 23:10	
n-Butylbenzene	ug/L	ND	0.50	07/13/17 23:10	
n-Propylbenzene	ug/L	ND	0.50	07/13/17 23:10	
Naphthalene	ug/L	ND	4.0	07/13/17 23:10	MN
o-Xylene	ug/L	ND	0.50	07/13/17 23:10	
p-Isopropyltoluene	ug/L	ND	0.50	07/13/17 23:10	
sec-Butylbenzene	ug/L	ND	0.50	07/13/17 23:10	
Styrene	ug/L	ND	0.50	07/13/17 23:10	
tert-Butylbenzene	ug/L	ND	0.50	07/13/17 23:10	
Tetrachloroethene	ug/L	ND	0.50	07/13/17 23:10	
Tetrahydrofuran	ug/L	ND	10.0	07/13/17 23:10	
Toluene	ug/L	ND	0.50	07/13/17 23:10	
trans-1,2-Dichloroethene	ug/L	ND	0.50	07/13/17 23:10	
trans-1,3-Dichloropropene	ug/L	ND	0.50	07/13/17 23:10	
Trichloroethene	ug/L	ND	0.40	07/13/17 23:10	
Trichlorofluoromethane	ug/L	ND	0.50	07/13/17 23:10	
Vinyl chloride	ug/L	ND	0.20	07/13/17 23:10	
Xylene (Total)	ug/L	ND	1.5	07/13/17 23:10	
1,2-Dichloroethane-d4 (S)	%	105	75-137	07/13/17 23:10	
4-Bromofluorobenzene (S)	%	105	75-125	07/13/17 23:10	
Toluene-d8 (S)	%	98	75-125	07/13/17 23:10	

LABORATORY CONTROL SAMPLE & LCSD: 2639869

2639870

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.0	19.6	105	98	75-136	7	30	
1,1,1-Trichloroethane	ug/L	20	20.1	19.7	101	99	75-129	2	30	
1,1,2,2-Tetrachloroethane	ug/L	20	20.1	19.5	101	98	71-138	3	30	
1,1,2-Trichloroethane	ug/L	20	21.1	19.9	106	99	75-125	6	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.8	19.2	99	96	69-126	3	30	
1,1-Dichloroethane	ug/L	20	20.2	19.7	101	99	75-125	2	30	
1,1-Dichloroethene	ug/L	20	19.4	19.8	97	99	75-125	2	30	
1,1-Dichloropropene	ug/L	20	19.8	19.2	99	96	75-125	3	30	
1,2,3-Trichlorobenzene	ug/L	20	18.1	18.2	90	91	75-125	1	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE & LCSD: 2639869			2639870							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	20	19.8	18.5	99	93	75-125	7	30	
1,2,4-Trichlorobenzene	ug/L	20	17.0	17.5	85	87	75-125	3	30	
1,2,4-Trimethylbenzene	ug/L	20	18.7	18.4	93	92	75-125	1	30	
1,2-Dibromo-3-chloropropane	ug/L	50	46.2	43.4	92	87	71-130	6	30	
1,2-Dibromoethane (EDB)	ug/L	20	20.9	19.7	105	98	75-125	6	30	
1,2-Dichlorobenzene	ug/L	20	19.5	19.0	98	95	75-125	3	30	
1,2-Dichloroethane	ug/L	20	20.8	19.3	104	96	70-125	8	30	
1,2-Dichloropropane	ug/L	20	20.7	19.4	103	97	75-125	6	30	
1,3,5-Trimethylbenzene	ug/L	20	19.9	19.4	99	97	75-125	2	30	
1,3-Dichlorobenzene	ug/L	20	19.3	18.8	96	94	75-125	2	30	
1,3-Dichloropropane	ug/L	20	21.3	20.3	107	101	75-125	5	30	
1,4-Dichlorobenzene	ug/L	20	18.9	18.1	95	91	75-125	4	30	
2,2-Dichloropropane	ug/L	20	18.1	17.6	91	88	70-131	3	30	
2-Butanone (MEK)	ug/L	100	104	86.5	104	86	69-125	18	30	
2-Chlorotoluene	ug/L	20	19.3	19.0	97	95	75-125	2	30	
4-Chlorotoluene	ug/L	20	20.3	19.9	101	99	75-125	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	97.6	104	98	73-125	6	30	
Acetone	ug/L	100	122	86.9	122	87	66-126	34	30	R1
Allyl chloride	ug/L	20	19.3	18.6	97	93	71-125	4	30	
Benzene	ug/L	20	19.5	19.1	98	95	75-125	2	30	
Bromobenzene	ug/L	20	19.3	18.6	97	93	75-125	4	30	
Bromochloromethane	ug/L	20	21.5	19.8	108	99	75-126	8	30	
Bromodichloromethane	ug/L	20	21.5	20.0	107	100	75-133	7	30	
Bromoform	ug/L	20	18.6	18.4	93	92	62-142	1	30	
Bromomethane	ug/L	20	16.3	17.6	81	88	34-143	8	30	
Carbon tetrachloride	ug/L	20	20.3	19.6	102	98	71-145	4	30	
Chlorobenzene	ug/L	20	19.4	18.9	97	94	75-125	3	30	
Chloroethane	ug/L	20	20.8	20.2	104	101	75-125	3	30	
Chloroform	ug/L	20	19.2	18.7	96	94	75-125	3	30	
Chloromethane	ug/L	20	19.8	19.0	99	95	54-125	4	30	
cis-1,2-Dichloroethene	ug/L	20	20.2	19.9	101	100	75-125	2	30	
cis-1,3-Dichloropropene	ug/L	20	21.1	20.0	106	100	75-125	5	30	
Dibromochloromethane	ug/L	20	21.6	19.8	108	99	74-141	9	30	
Dibromomethane	ug/L	20	20.0	18.6	100	93	75-125	8	30	
Dichlorodifluoromethane	ug/L	20	19.6	19.7	98	98	59-130	0	30	
Dichlorofluoromethane	ug/L	20	20.0	20.0	100	100	75-125	0	30	
Diethyl ether (Ethyl ether)	ug/L	20	21.2	20.0	106	100	75-125	6	30	
Ethylbenzene	ug/L	20	19.0	18.6	95	93	75-125	2	30	
Hexachloro-1,3-butadiene	ug/L	20	18.4	18.7	92	94	75-131	2	30	
Isopropylbenzene (Cumene)	ug/L	20	19.8	19.9	99	100	75-125	0	30	
m&p-Xylene	ug/L	40	40.3	40.1	101	100	75-125	1	30	
Methyl-tert-butyl ether	ug/L	20	20.1	18.9	100	95	75-125	6	30	
Methylene Chloride	ug/L	20	20.7	19.4	104	97	73-125	7	30	
n-Butylbenzene	ug/L	20	19.6	19.6	98	98	75-125	0	30	
n-Propylbenzene	ug/L	20	19.2	18.9	96	95	75-125	1	30	
Naphthalene	ug/L	20	16.7	17.4	84	87	74-125	4	30	
o-Xylene	ug/L	20	20.1	19.8	100	99	75-125	1	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

LABORATORY CONTROL SAMPLE & LCSD: 2639869			2639870							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	20	19.7	19.8	99	99	75-125	0	30	
sec-Butylbenzene	ug/L	20	19.8	20.0	99	100	75-125	1	30	
Styrene	ug/L	20	21.1	20.3	105	101	75-125	4	30	
tert-Butylbenzene	ug/L	20	19.2	19.5	96	97	75-125	1	30	
Tetrachloroethene	ug/L	20	18.9	18.9	94	94	75-125	0	30	
Tetrahydrofuran	ug/L	200	222	204	111	102	65-127	9	30	
Toluene	ug/L	20	19.1	18.6	95	93	75-125	3	30	
trans-1,2-Dichloroethene	ug/L	20	18.9	19.0	94	95	75-125	1	30	
trans-1,3-Dichloropropene	ug/L	20	20.6	19.7	103	98	75-125	4	30	
Trichloroethene	ug/L	20	20.6	19.8	103	99	75-125	4	30	
Trichlorofluoromethane	ug/L	20	20.0	19.6	100	98	71-140	2	30	
Vinyl chloride	ug/L	20	19.7	19.6	99	98	70-125	0	30	
Xylene (Total)	ug/L	60	60.4	59.9	101	100	75-125	1	30	
1,2-Dichloroethane-d4 (S)	%				100	99	75-137			
4-Bromofluorobenzene (S)	%				100	103	75-125			
Toluene-d8 (S)	%				98	98	75-125			

MATRIX SPIKE SAMPLE: 2639871		10395465001	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	<0.064	20	21.8	109	75-137	
1,1,1-Trichloroethane	ug/L	<0.057	20	22.9	115	75-139	
1,1,2,2-Tetrachloroethane	ug/L	<0.055	20	20.3	102	60-142	
1,1,2-Trichloroethane	ug/L	<0.064	20	20.9	105	75-128	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.13	20	24.4	122	62-150	
1,1-Dichloroethane	ug/L	<0.055	20	22.0	110	70-129	
1,1-Dichloroethene	ug/L	<0.069	20	23.1	115	67-141	
1,1-Dichloropropene	ug/L	<0.082	20	22.7	114	64-144	
1,2,3-Trichlorobenzene	ug/L	<0.17	20	19.5	98	66-139	
1,2,3-Trichloropropane	ug/L	<0.19	20	18.9	94	69-134	
1,2,4-Trichlorobenzene	ug/L	<0.14	20	19.0	95	65-138	
1,2,4-Trimethylbenzene	ug/L	<0.068	20	19.8	99	65-143	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	50	45.7	91	61-134	
1,2-Dibromoethane (EDB)	ug/L	<0.092	20	20.5	102	74-129	
1,2-Dichlorobenzene	ug/L	<0.078	20	20.0	100	68-135	
1,2-Dichloroethane	ug/L	<0.072	20	20.7	103	73-125	
1,2-Dichloropropane	ug/L	<0.066	20	21.7	109	64-130	
1,3,5-Trimethylbenzene	ug/L	<0.042	20	21.2	106	64-146	
1,3-Dichlorobenzene	ug/L	<0.085	20	20.0	100	69-135	
1,3-Dichloropropane	ug/L	<0.059	20	21.7	108	67-128	
1,4-Dichlorobenzene	ug/L	<0.081	20	19.5	98	66-134	
2,2-Dichloropropane	ug/L	<0.096	20	20.0	100	50-150	
2-Butanone (MEK)	ug/L	<1.1	100	91.1	91	58-125	
2-Chlorotoluene	ug/L	<0.084	20	20.3	101	65-138	
4-Chlorotoluene	ug/L	<0.048	20	21.3	106	68-135	

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

MATRIX SPIKE SAMPLE:		2639871	10395465001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.80	100	101	101	61-130	M1	
Acetone	ug/L	<0.64	100	147	147	51-140		
Allyl chloride	ug/L	<0.25	20	21.6	108	61-125		
Benzene	ug/L	<0.042	20	21.5	108	63-132		
Bromobenzene	ug/L	<0.087	20	19.2	96	67-138		
Bromochloromethane	ug/L	<0.082	20	21.4	107	66-138		
Bromodichloromethane	ug/L	<0.068	20	22.0	110	75-137		
Bromoform	ug/L	<0.11	20	18.8	94	65-129		
Bromomethane	ug/L	<0.20	20	21.2	106	41-150		
Carbon tetrachloride	ug/L	<0.079	20	23.9	119	75-150		
Chlorobenzene	ug/L	<0.066	20	20.4	102	73-127		
Chloroethane	ug/L	<0.12	20	24.8	124	74-138		
Chloroform	ug/L	<0.21	20	20.7	104	74-125		
Chloromethane	ug/L	<0.080	20	22.7	114	58-129		
cis-1,2-Dichloroethene	ug/L	<0.12	20	22.0	110	63-135		
cis-1,3-Dichloropropene	ug/L	<0.069	20	20.5	102	66-129		
Dibromochloromethane	ug/L	<0.048	20	21.9	109	75-133		
Dibromomethane	ug/L	<0.14	20	19.5	98	68-134		
Dichlorodifluoromethane	ug/L	<0.075	20	25.3	126	72-150		
Dichlorofluoromethane	ug/L	<0.054	20	23.5	118	75-129		
Diethyl ether (Ethyl ether)	ug/L	<0.090	20	21.5	108	73-125		
Ethylbenzene	ug/L	<0.075	20	20.2	101	72-130		
Hexachloro-1,3-butadiene	ug/L	<0.13	20	20.2	101	71-150		
Isopropylbenzene (Cumene)	ug/L	<0.064	20	22.2	111	70-136		
m&p-Xylene	ug/L	<0.11	40	43.7	109	64-142		
Methyl-tert-butyl ether	ug/L	0.44J	20	20.5	100	72-125		
Methylene Chloride	ug/L	<0.097	20	21.2	106	60-132		
n-Butylbenzene	ug/L	<0.16	20	22.4	112	60-150		
n-Propylbenzene	ug/L	<0.049	20	20.6	103	63-142		
Naphthalene	ug/L	<0.064	20	18.0	90	67-125		
o-Xylene	ug/L	<0.044	20	21.8	109	60-143		
p-Isopropyltoluene	ug/L	<0.064	20	22.2	111	64-146		
sec-Butylbenzene	ug/L	<0.094	20	22.4	112	67-144		
Styrene	ug/L	<0.056	20	21.5	107	67-136		
tert-Butylbenzene	ug/L	<0.051	20	21.3	106	68-135		
Tetrachloroethene	ug/L	<0.13	20	21.5	108	67-148		
Tetrahydrofuran	ug/L	<1.5	200	368	184	51-141	M1	
Toluene	ug/L	<0.059	20	21.0	105	61-140		
trans-1,2-Dichloroethene	ug/L	<0.15	20	21.8	109	62-138		
trans-1,3-Dichloropropene	ug/L	<0.044	20	21.3	107	67-134		
Trichloroethene	ug/L	<0.044	20	22.0	110	64-149		
Trichlorofluoromethane	ug/L	<0.055	20	25.2	126	75-150		
Vinyl chloride	ug/L	<0.098	20	24.4	122	75-133		
Xylene (Total)	ug/L	<0.15	60	65.5	109	63-142		
1,2-Dichloroethane-d4 (S)	%				99	75-137		
4-Bromofluorobenzene (S)	%				99	75-125		
Toluene-d8 (S)	%				98	75-125		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

SAMPLE DUPLICATE: 2639872

Parameter	Units	10395465004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.064	ND		30	
1,1,1-Trichloroethane	ug/L	<0.057	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	<0.055	ND		30	
1,1,2-Trichloroethane	ug/L	<0.064	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.13	ND		30	
1,1-Dichloroethane	ug/L	<0.055	ND		30	
1,1-Dichloroethene	ug/L	<0.069	ND		30	
1,1-Dichloropropene	ug/L	<0.082	ND		30	
1,2,3-Trichlorobenzene	ug/L	<0.17	ND		30	
1,2,3-Trichloropropane	ug/L	<0.19	ND		30	
1,2,4-Trichlorobenzene	ug/L	<0.14	ND		30	
1,2,4-Trimethylbenzene	ug/L	<0.068	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	ND		30	
1,2-Dibromoethane (EDB)	ug/L	<0.092	ND		30	
1,2-Dichlorobenzene	ug/L	<0.078	ND		30	
1,2-Dichloroethane	ug/L	<0.072	ND		30	
1,2-Dichloropropane	ug/L	<0.066	ND		30	
1,3,5-Trimethylbenzene	ug/L	<0.042	ND		30	
1,3-Dichlorobenzene	ug/L	<0.085	ND		30	
1,3-Dichloropropane	ug/L	<0.059	ND		30	
1,4-Dichlorobenzene	ug/L	<0.081	ND		30	
2,2-Dichloropropane	ug/L	<0.096	ND		30	
2-Butanone (MEK)	ug/L	<1.1	ND		30	
2-Chlorotoluene	ug/L	<0.084	ND		30	
4-Chlorotoluene	ug/L	<0.048	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.80	ND		30	
Acetone	ug/L	<0.64	ND		30	
Allyl chloride	ug/L	<0.25	ND		30	
Benzene	ug/L	<0.042	ND		30	
Bromobenzene	ug/L	<0.087	ND		30	
Bromochloromethane	ug/L	<0.082	ND		30	
Bromodichloromethane	ug/L	<0.068	ND		30	
Bromoform	ug/L	<0.11	ND		30	
Bromomethane	ug/L	<0.20	ND		30	
Carbon tetrachloride	ug/L	146	145	1	30	
Chlorobenzene	ug/L	<0.066	ND		30	
Chloroethane	ug/L	<0.12	ND		30	
Chloroform	ug/L	9.0	9.3	4	30	
Chloromethane	ug/L	<0.080	ND		30	
cis-1,2-Dichloroethene	ug/L	<0.12	ND		30	
cis-1,3-Dichloropropene	ug/L	<0.069	ND		30	
Dibromochloromethane	ug/L	<0.048	ND		30	
Dibromomethane	ug/L	<0.14	ND		30	
Dichlorodifluoromethane	ug/L	<0.075	ND		30	
Dichlorofluoromethane	ug/L	<0.054	ND		30	
Diethyl ether (Ethyl ether)	ug/L	<0.090	ND		30	
Ethylbenzene	ug/L	<0.075	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

SAMPLE DUPLICATE: 2639872

Parameter	Units	10395465004 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.13	ND		30	
Isopropylbenzene (Cumene)	ug/L	<0.064	ND		30	
m&p-Xylene	ug/L	<0.11	ND		30	
Methyl-tert-butyl ether	ug/L	<0.047	ND		30	
Methylene Chloride	ug/L	<0.097	ND		30	
n-Butylbenzene	ug/L	<0.16	ND		30	
n-Propylbenzene	ug/L	<0.049	ND		30	
Naphthalene	ug/L	<0.064	ND		30	
o-Xylene	ug/L	<0.044	ND		30	
p-Isopropyltoluene	ug/L	<0.064	ND		30	
sec-Butylbenzene	ug/L	<0.094	ND		30	
Styrene	ug/L	<0.056	ND		30	
tert-Butylbenzene	ug/L	<0.051	ND		30	
Tetrachloroethene	ug/L	<0.13	ND		30	
Tetrahydrofuran	ug/L	<1.5	ND		30	
Toluene	ug/L	<0.059	ND		30	
trans-1,2-Dichloroethene	ug/L	<0.15	ND		30	
trans-1,3-Dichloropropene	ug/L	<0.044	ND		30	
Trichloroethene	ug/L	<0.044	ND		30	
Trichlorofluoromethane	ug/L	<0.055	ND		30	
Vinyl chloride	ug/L	<0.098	ND		30	
Xylene (Total)	ug/L	<0.15	ND		30	
1,2-Dichloroethane-d4 (S)	%.	107	110	3		
4-Bromofluorobenzene (S)	%.	101	103	2		
Toluene-d8 (S)	%.	99	99	0		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WAKS2510C7.2 WAKS2510C
Pace Project No.: 10394504

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 483667
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: 483781
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: 484793
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: 484882
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

ANALYTE QUALIFIERS

MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS2510C7.2 WAKS2510C

Pace Project No.: 10394504

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10394504001	MW22D:G062717	EPA 8260B	483667		
10394504002	MW20D:G062717	EPA 8260B	483667		
10394504003	MW19D:G062717	EPA 8260B	483667		
10394504004	MW19:G062717	EPA 8260B	483667		
10394504005	MW18D:G062717	EPA 8260B	483667		
10394504006	MW18:G062717	EPA 8260B	483667		
10394504007	MW10:G062717	EPA 8260B	483667		
10394504008	MW21D:G062717	EPA 8260B	483667		
10394504009	EB1:W062717	EPA 8260B	483667		
10394504010	MW17D:G062817	EPA 8260B	483667		
10394504011	MW17:G062817	EPA 8260B	483667		
10394504012	MW14:G062817	EPA 8260B	483667		
10394504013	Trip Blank	EPA 8260B	483781		
10394504014	MW8: G062817	EPA 8260B	483781		
10394504015	MW12: G062817	EPA 8260B	483781		
10394504016	MW9: G062817	EPA 8260B	483781		
10394504017	MW1D: G062817	EPA 8260B	483781		
10394504018	MW4: G062817	EPA 8260B	483781		
10394504019	MW16: G062917	EPA 8260B	484519		
10394504020	MW15D: G062917	EPA 8260B	484519		
10394504021	MW5: G062917	EPA 8260B	484519		
10394504022	MW13: G062917	EPA 8260B	484519		
10394504023	MW6: G062917	EPA 8260B	484519		
10394504024	MW1: G062917	EPA 8260B	484519		
10394504025	FD1: G062917	EPA 8260B	484519		
10394504026	MW101:G062917	EPA 8260B	484793		
10394504027	MW23:G062917	EPA 8260B	484519		
10394504028	MW11:G063017	EPA 8260B	484519		
10394504029	EB2: G063017	EPA 8260B	484519		
10394504030	MW15: G063017	EPA 8260B	484519		
10394504031	FD2: G063017	EPA 8260B	484882		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10394504

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: <u>1</u> of <u>3</u> 2134851	
Company: <u>The ELAM Group</u>		Report To: <u>Jason Oland</u>		Attention:		REGULATORY AGENCY ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____	
Address: <u>176 W. Logan St. Suite 147, Noblesville, IN 46060</u>		Copy To:		Company Name:			
Email To: <u>jason.oland@elamusa.com</u>		Purchase Order No.:		Address:			
Phone: <u>888-510-3526</u> Fax: <u>7106</u>		Project Name: <u>WAKS2510C</u>		Pace Quote Reference:		Site Location: <u>WA</u> STATE: <u>WA</u>	
Requested Due Date/TAT:		Project Number: <u>WAKS2510C7.2</u>		Pace Project Manager: <u>Tia Diggins</u>			

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓ VOC 8260	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other															
					DATE	TIME	DATE	TIME																									
1	MW220:G062717	WT	G			6-27-17	0945	3																		001							
2	MW200:G062717	WT	G			6-27-17	1050	3																		002							
3	MW190:G062717	WT	G			6-27-17	1305	3																		003							
4	MW19:G062717	WT	G			6-27-17	1355	3																		004							
5	MW180:G062717	WT	G			6-27-17	1510	3																		005							
6	MW18:G062717	WT	G			6-27-17	1620	3																		006							
7	MW10:G062717	WT	G			6-27-17	1750	3																		007							
8	MW210:G062717	WT	G			6-27-17	1840	3																		008							
9	EB1:W062717	WT	G			6-27-17	0825	3																		009							
10	MW170:G062817	WT	G			6-28-17	1240	3																		010							
11	MW17:G062817	WT	G			6-28-17	1325	3																		011							
12	MW14:G062817	WT	G			6-28-17	0910	3																		012							
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION				DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS																
					Tim Cornett				6/30/17	1130	Muller				6/30/17	1130	Y N Y																
					Muller				6/30/17	1700	Pace				7/1/17	9:00	Y Y Y																

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <u>Tim Cornett</u>					
SIGNATURE of SAMPLER: <u>Tim Cornett</u>					
DATE Signed (MM/DD/YY): <u>06/30/17</u>					

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company: **The ELAM Group**
Address: **176 W. Logan St. Suite 147**
Moblesville, IN 46060
Email To: **jason.oland@elamusa.com**
Phone: **668-510-3526 x106**
Requested Due Date/TAT:

Section B

Required Project Information:

Report To: **Jason Oland**
Copy To:
Purchase Order No.:
Project Name: **WAKS 2510C**
Project Number: **WAKS 2510C 7.2**

Section C

Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: **Tia Diggers**
Pace Profile #:

Page:

3 of 3

2134879

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location

STATE: **WA**

ITEM #	Section D Required Client Information		Matrix Codes MATRIX / CODE		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE		Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Tissue Other	DW WT WW P SL OL WP AR TS OT			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	<i>Tim Cornett</i>	6/30/17	1130	<i>Tim Cornett</i>	6/30/17	1130	1.2	Y	N	Y
	<i>Tim Cornett</i>	6/30/17	1700	<i>Tim Cornett</i>	6/30/17	1700	5.2	Y	Y	Y

Page 106 of 107

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **Tim Cornett**

SIGNATURE of SAMPLER: *Tim Cornett*

DATE Signed (MM/DD/YY): **06/30/17**

Temp in °C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 19Dec2016 Page 1 of 2
	Document No.: F-MN-L-213-rev.20	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: The Elam Group

Project #: _____

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☐ Pace ☐ Speedee ☐ Other: _____

Tracking Number: 7222 2140 3320

WO#: 10394504



10394504

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No **Seals Intact?** ☒ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other: _____

Thermometer ☒ 151401163 ☐ 151401164 **Temp Blank?** ☒ Yes ☐ No

Used: ☐ 151401164 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 5.2 **Cooler Temp Corrected (°C):** 5.2 **Biological Tissue Frozen?** ☐ Yes ☐ No ☒ N/A

Temp should be above freezing to 6°C **Correction Factor:** none **Date and Initials of Person Examining Contents:** RG 7/11/17

USDA Regulated Soil (☒ N/A, water sample) **Did samples originate in a quarantine zone within the United States:** AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

	Yes	No	N/A	COMMENTS:
Chain of Custody Present?	☒	☐		1.
Chain of Custody Filled Out?	☒	☐		2.
Chain of Custody Relinquished?	☒	☐		3.
Sampler Name and/or Signature on COC?	☒	☐	☐ N/A	4.
Samples Arrived within Hold Time?	☒	☐		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No		6.
Rush Turn Around Time Requested?	☐ Yes	☒ No		7.
Sufficient Volume?	☒	☐		8.
Correct Containers Used?	☒	☐		9.
-Pace Containers Used?	☒	☐		
Containers Intact?	☒	☐		10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	☒	☐		12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>				
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ <2pH, NaOH >12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin.	☐ Yes	☐ No	☒ N/A	Sample #
Headspace in VOA Vials (>6mm)?	☒ Yes	☐ No	☐ N/A	Initial when completed: Lot # of added preservative:
Trip Blank Present?	☐ Yes	☐ No	☐ N/A	14.
Trip Blank Custody Seals Present?	☒	☐	☐ N/A	15.
Pace Trip Blank Lot # (if purchased):	☐ Yes	☐ No	☐ N/A	

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____ **Field Data Required?** ☐ Yes ☐ No

Comments/Resolution: _____ **Date/Time:** _____

Project Manager Review: [Signature] **Date:** 07/03/17

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).



Appendix D.4

3Q 2017 GW Laboratory Report

October 09, 2017

Jason Oland
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS2510C Former Cherry REV
Pace Project No.: 10404488

Dear Jason Oland:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Client requested.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tia Diggins
tia.diggins@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: James Hogan, ELAM Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming via EPA Region 8 Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10404488001	MW22D:G091917	Water	09/19/17 08:45	09/23/17 09:10
10404488002	MW20D:G091917	Water	09/19/17 10:00	09/23/17 09:10
10404488003	MW19D:G091917	Water	09/19/17 11:53	09/23/17 09:10
10404488004	MW19:G091917	Water	09/19/17 12:45	09/23/17 09:10
10404488005	MW18D:G091917	Water	09/19/17 14:05	09/23/17 09:10
10404488006	MW18:G091917	Water	09/19/17 14:55	09/23/17 09:10
10404488007	MW10:G091917	Water	09/19/17 15:55	09/23/17 09:10
10404488008	MW16:G091917	Water	09/19/17 16:40	09/23/17 09:10
10404488009	MW21D:G092017	Water	09/20/17 08:55	09/23/17 09:10
10404488010	MW17D:G092017	Water	09/20/17 10:15	09/23/17 09:10
10404488011	MW17:G092017	Water	09/20/17 10:50	09/23/17 09:10
10404488012	MW14:G092017	Water	09/20/17 11:45	09/23/17 09:10
10404488013	MW8:G092017	Water	09/20/17 12:55	09/23/17 09:10
10404488014	MW12:G092017	Water	09/20/17 13:50	09/23/17 09:10
10404488015	MW1D:G092017	Water	09/20/17 14:50	09/23/17 09:10
10404488016	MW4G:G092017	Water	09/20/17 15:50	09/23/17 09:10
10404488017	MW9:G092017	Water	09/20/17 16:45	09/23/17 09:10
10404488018	MW23:G092117	Water	09/21/17 09:00	09/23/17 09:10
10404488019	MW15:G092117	Water	09/21/17 09:55	09/23/17 09:10
10404488020	MW15D:G092117	Water	09/21/17 10:40	09/23/17 09:10
10404488021	MW6:G092117	Water	09/21/17 11:40	09/23/17 09:10
10404488022	MW5:G092117	Water	09/21/17 13:30	09/23/17 09:10
10404488023	MW13:G092117	Water	09/21/17 14:20	09/23/17 09:10
10404488024	MW101:G092117	Water	09/21/17 12:30	09/23/17 09:10
10404488025	MW7:G092117	Water	09/21/17 15:50	09/23/17 09:10
10404488026	MW11:G092217	Water	09/21/17 08:10	09/23/17 09:10
10404488027	MW1:G092217	Water	09/21/17 09:00	09/23/17 09:10
10404488028	EB1:G091917	Water	09/19/17 17:20	09/23/17 09:10
10404488029	EB2:G092217	Water	09/22/17 07:10	09/23/17 09:10
10404488030	FD1:G092117	Water	09/21/17 00:00	09/23/17 09:10
10404488031	FD2:G092217	Water	09/22/17 00:00	09/23/17 09:10
10404488032	Trip Blank	Water	09/19/17 00:00	09/23/17 09:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10404488001	MW22D:G091917	EPA 8260B	DJB	72	PASI-M
10404488002	MW20D:G091917	EPA 8260B	DJB	72	PASI-M
10404488003	MW19D:G091917	EPA 8260B	DJB	72	PASI-M
10404488004	MW19:G091917	EPA 8260B	DJB	72	PASI-M
10404488005	MW18D:G091917	EPA 8260B	DJB	72	PASI-M
10404488006	MW18:G091917	EPA 8260B	DJB	72	PASI-M
10404488007	MW10:G091917	EPA 8260B	DJB	72	PASI-M
10404488008	MW16:G091917	EPA 8260B	DJB	72	PASI-M
10404488009	MW21D:G092017	EPA 8260B	DJB	72	PASI-M
10404488010	MW17D:G092017	EPA 8260B	DJB	72	PASI-M
10404488011	MW17:G092017	EPA 8260B	DJB	72	PASI-M
10404488012	MW14:G092017	EPA 8260B	DJB	72	PASI-M
10404488013	MW8:G092017	EPA 8260B	DJB	72	PASI-M
10404488014	MW12:G092017	EPA 8260B	DJB	72	PASI-M
10404488015	MW1D:G092017	EPA 8260B	DJB	72	PASI-M
10404488016	MW4G:G092017	EPA 8260B	DJB	72	PASI-M
10404488017	MW9:G092017	EPA 8260B	DJB	72	PASI-M
10404488018	MW23:G092117	EPA 8260B	DJB	72	PASI-M
10404488019	MW15:G092117	EPA 8260B	DJB	72	PASI-M
10404488020	MW15D:G092117	EPA 8260B	DJB	72	PASI-M
10404488021	MW6:G092117	EPA 8260B	DJB	72	PASI-M
10404488022	MW5:G092117	EPA 8260B	DJB	72	PASI-M
10404488023	MW13:G092117	EPA 8260B	DJB	72	PASI-M
10404488024	MW101:G092117	EPA 8260B	DJB	72	PASI-M
10404488025	MW7:G092117	EPA 8260B	DJB, PRD	72	PASI-M
10404488026	MW11:G092217	EPA 8260B	DJB	72	PASI-M
10404488027	MW1:G092217	EPA 8260B	DJB	72	PASI-M
10404488028	EB1:G091917	EPA 8260B	DJB	72	PASI-M
10404488029	EB2:G092217	EPA 8260B	DJB	72	PASI-M
10404488030	FD1:G092117	EPA 8260B	DJB	72	PASI-M
10404488031	FD2:G092217	EPA 8260B	DJB	72	PASI-M
10404488032	Trip Blank	EPA 8260B	DJB	72	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW22D:G091917		Lab ID: 10404488001		Collected: 09/19/17 08:45		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		09/29/17 15:33	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		09/29/17 15:33	107-05-1		
Benzene	ND	ug/L	0.50	1		09/29/17 15:33	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		09/29/17 15:33	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 15:33	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 15:33	75-27-4		
Bromoform	ND	ug/L	4.0	1		09/29/17 15:33	75-25-2		
Bromomethane	ND	ug/L	4.0	1		09/29/17 15:33	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 15:33	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 15:33	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 15:33	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 15:33	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 15:33	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 15:33	108-90-7		
Chloroethane	ND	ug/L	1.0	1		09/29/17 15:33	75-00-3		
Chloroform	ND	ug/L	1.0	1		09/29/17 15:33	67-66-3		
Chloromethane	ND	ug/L	4.0	1		09/29/17 15:33	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 15:33	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 15:33	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 15:33	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 15:33	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 15:33	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		09/29/17 15:33	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:33	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:33	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:33	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 15:33	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 15:33	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 15:33	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 15:33	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 15:33	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 15:33	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 15:33	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 15:33	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 15:33	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 15:33	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 15:33	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 15:33	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 15:33	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 15:33	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 15:33	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 15:33	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 15:33	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 15:33	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 15:33	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 15:33	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 15:33	1634-04-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW22D:G091917		Lab ID: 10404488001		Collected: 09/19/17 08:45		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 15:33	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 15:33	103-65-1		
Styrene	ND	ug/L	0.50	1		09/29/17 15:33	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 15:33	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 15:33	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		09/29/17 15:33	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 15:33	109-99-9		
Toluene	ND	ug/L	0.50	1		09/29/17 15:33	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:33	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:33	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 15:33	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 15:33	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		09/29/17 15:33	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 15:33	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 15:33	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 15:33	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 15:33	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 15:33	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 15:33	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 15:33	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 15:33	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		09/29/17 15:33	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%.	75-137	1		09/29/17 15:33	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		09/29/17 15:33	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		09/29/17 15:33	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW20D:G091917		Lab ID: 10404488002		Collected: 09/19/17 10:00		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		09/29/17 15:56	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		09/29/17 15:56	107-05-1		
Benzene	ND	ug/L	0.50	1		09/29/17 15:56	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		09/29/17 15:56	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 15:56	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 15:56	75-27-4		
Bromoform	ND	ug/L	4.0	1		09/29/17 15:56	75-25-2		
Bromomethane	ND	ug/L	4.0	1		09/29/17 15:56	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 15:56	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 15:56	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 15:56	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 15:56	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 15:56	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 15:56	108-90-7		
Chloroethane	ND	ug/L	1.0	1		09/29/17 15:56	75-00-3		
Chloroform	ND	ug/L	1.0	1		09/29/17 15:56	67-66-3		
Chloromethane	ND	ug/L	4.0	1		09/29/17 15:56	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 15:56	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 15:56	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 15:56	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 15:56	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 15:56	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		09/29/17 15:56	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:56	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:56	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:56	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 15:56	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 15:56	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 15:56	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 15:56	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 15:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 15:56	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 15:56	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 15:56	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 15:56	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 15:56	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 15:56	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 15:56	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 15:56	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 15:56	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 15:56	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 15:56	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 15:56	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 15:56	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 15:56	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 15:56	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 15:56	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW20D:G091917		Lab ID: 10404488002		Collected: 09/19/17 10:00		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 15:56	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 15:56	103-65-1		
Styrene	ND	ug/L	0.50	1		09/29/17 15:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 15:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 15:56	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		09/29/17 15:56	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 15:56	109-99-9		
Toluene	ND	ug/L	0.50	1		09/29/17 15:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 15:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 15:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 15:56	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		09/29/17 15:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 15:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 15:56	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 15:56	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 15:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 15:56	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 15:56	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 15:56	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 15:56	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		09/29/17 15:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-137	1		09/29/17 15:56	17060-07-0		
Toluene-d8 (S)	104	%.	75-125	1		09/29/17 15:56	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		09/29/17 15:56	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW19D:G091917		Lab ID: 10404488003		Collected: 09/19/17 11:53		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		09/29/17 16:20	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		09/29/17 16:20	107-05-1		
Benzene	ND	ug/L	0.50	1		09/29/17 16:20	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		09/29/17 16:20	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 16:20	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 16:20	75-27-4		
Bromoform	ND	ug/L	4.0	1		09/29/17 16:20	75-25-2		
Bromomethane	ND	ug/L	4.0	1		09/29/17 16:20	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 16:20	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 16:20	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 16:20	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 16:20	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 16:20	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 16:20	108-90-7		
Chloroethane	ND	ug/L	1.0	1		09/29/17 16:20	75-00-3		
Chloroform	ND	ug/L	1.0	1		09/29/17 16:20	67-66-3		
Chloromethane	ND	ug/L	4.0	1		09/29/17 16:20	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 16:20	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 16:20	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 16:20	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 16:20	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 16:20	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		09/29/17 16:20	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:20	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:20	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:20	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 16:20	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 16:20	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 16:20	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 16:20	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 16:20	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 16:20	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 16:20	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 16:20	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 16:20	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 16:20	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 16:20	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 16:20	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 16:20	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 16:20	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 16:20	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 16:20	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 16:20	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 16:20	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 16:20	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 16:20	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 16:20	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW19D:G091917		Lab ID: 10404488003		Collected: 09/19/17 11:53		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 16:20	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 16:20	103-65-1		
Styrene	ND	ug/L	0.50	1		09/29/17 16:20	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 16:20	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 16:20	79-34-5		
Tetrachloroethene	0.59	ug/L	0.50	1		09/29/17 16:20	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 16:20	109-99-9		
Toluene	ND	ug/L	0.50	1		09/29/17 16:20	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:20	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:20	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 16:20	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 16:20	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		09/29/17 16:20	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 16:20	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 16:20	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 16:20	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 16:20	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 16:20	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 16:20	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 16:20	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 16:20	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		09/29/17 16:20	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-137	1		09/29/17 16:20	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		09/29/17 16:20	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		09/29/17 16:20	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW19:G091917		Lab ID: 10404488004		Collected: 09/19/17 12:45		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		09/29/17 16:43	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		09/29/17 16:43	107-05-1		
Benzene	ND	ug/L	0.50	1		09/29/17 16:43	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		09/29/17 16:43	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 16:43	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 16:43	75-27-4		
Bromoform	ND	ug/L	4.0	1		09/29/17 16:43	75-25-2		
Bromomethane	ND	ug/L	4.0	1		09/29/17 16:43	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 16:43	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 16:43	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 16:43	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 16:43	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 16:43	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 16:43	108-90-7		
Chloroethane	ND	ug/L	1.0	1		09/29/17 16:43	75-00-3		
Chloroform	ND	ug/L	1.0	1		09/29/17 16:43	67-66-3		
Chloromethane	ND	ug/L	4.0	1		09/29/17 16:43	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 16:43	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 16:43	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 16:43	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 16:43	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 16:43	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		09/29/17 16:43	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:43	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:43	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:43	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 16:43	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 16:43	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 16:43	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 16:43	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 16:43	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 16:43	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 16:43	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 16:43	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 16:43	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 16:43	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 16:43	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 16:43	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 16:43	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 16:43	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 16:43	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 16:43	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 16:43	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 16:43	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 16:43	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 16:43	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 16:43	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW19:G091917		Lab ID: 10404488004		Collected: 09/19/17 12:45		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 16:43	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 16:43	103-65-1		
Styrene	ND	ug/L	0.50	1		09/29/17 16:43	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 16:43	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 16:43	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		09/29/17 16:43	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 16:43	109-99-9		
Toluene	0.64	ug/L	0.50	1		09/29/17 16:43	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:43	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 16:43	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 16:43	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 16:43	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		09/29/17 16:43	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 16:43	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 16:43	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 16:43	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 16:43	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 16:43	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 16:43	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 16:43	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 16:43	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		09/29/17 16:43	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		09/29/17 16:43	17060-07-0		
Toluene-d8 (S)	104	%.	75-125	1		09/29/17 16:43	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		09/29/17 16:43	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW18D:G091917	Lab ID: 10404488005	Collected: 09/19/17 14:05	Received: 09/23/17 09:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		09/29/17 17:07	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		09/29/17 17:07	107-05-1	
Benzene	ND	ug/L	0.50	1		09/29/17 17:07	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		09/29/17 17:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 17:07	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 17:07	75-27-4	
Bromoform	ND	ug/L	4.0	1		09/29/17 17:07	75-25-2	
Bromomethane	ND	ug/L	4.0	1		09/29/17 17:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 17:07	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:07	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:07	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:07	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 17:07	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 17:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/17 17:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/17 17:07	67-66-3	
Chloromethane	ND	ug/L	4.0	1		09/29/17 17:07	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 17:07	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 17:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 17:07	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 17:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 17:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/17 17:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 17:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 17:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 17:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:07	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 17:07	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 17:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 17:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 17:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:07	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 17:07	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 17:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 17:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 17:07	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 17:07	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 17:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 17:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 17:07	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW18D:G091917	Lab ID: 10404488005		Collected: 09/19/17 14:05		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 17:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 17:07	103-65-1	
Styrene	ND	ug/L	0.50	1		09/29/17 17:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 17:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 17:07	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		09/29/17 17:07	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 17:07	109-99-9	
Toluene	ND	ug/L	0.50	1		09/29/17 17:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 17:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 17:07	79-00-5	
Trichloroethene	ND	ug/L	0.40	1		09/29/17 17:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 17:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 17:07	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 17:07	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 17:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 17:07	108-67-8	
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 17:07	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 17:07	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 17:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		09/29/17 17:07	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%.	75-137	1		09/29/17 17:07	17060-07-0	
Toluene-d8 (S)	103	%.	75-125	1		09/29/17 17:07	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		09/29/17 17:07	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW18:G091917		Lab ID: 10404488006		Collected: 09/19/17 14:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		09/29/17 17:30	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		09/29/17 17:30	107-05-1		
Benzene	ND	ug/L	0.50	1		09/29/17 17:30	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		09/29/17 17:30	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 17:30	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 17:30	75-27-4		
Bromoform	ND	ug/L	4.0	1		09/29/17 17:30	75-25-2		
Bromomethane	ND	ug/L	4.0	1		09/29/17 17:30	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 17:30	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:30	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:30	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:30	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 17:30	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 17:30	108-90-7		
Chloroethane	ND	ug/L	1.0	1		09/29/17 17:30	75-00-3		
Chloroform	ND	ug/L	1.0	1		09/29/17 17:30	67-66-3		
Chloromethane	ND	ug/L	4.0	1		09/29/17 17:30	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 17:30	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 17:30	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 17:30	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 17:30	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 17:30	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		09/29/17 17:30	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:30	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:30	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:30	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 17:30	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 17:30	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 17:30	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:30	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:30	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:30	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 17:30	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 17:30	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 17:30	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 17:30	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:30	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:30	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:30	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 17:30	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 17:30	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 17:30	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 17:30	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 17:30	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 17:30	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 17:30	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 17:30	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW18:G091917		Lab ID: 10404488006		Collected: 09/19/17 14:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 17:30	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 17:30	103-65-1		
Styrene	ND	ug/L	0.50	1		09/29/17 17:30	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 17:30	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 17:30	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		09/29/17 17:30	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 17:30	109-99-9		
Toluene	ND	ug/L	0.50	1		09/29/17 17:30	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:30	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:30	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 17:30	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 17:30	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		09/29/17 17:30	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 17:30	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 17:30	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 17:30	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 17:30	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 17:30	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 17:30	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 17:30	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 17:30	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		09/29/17 17:30	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		09/29/17 17:30	17060-07-0		
Toluene-d8 (S)	104	%.	75-125	1		09/29/17 17:30	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		09/29/17 17:30	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW10:G091917		Lab ID: 10404488007		Collected: 09/19/17 15:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		09/29/17 17:53	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		09/29/17 17:53	107-05-1		
Benzene	ND	ug/L	0.50	1		09/29/17 17:53	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		09/29/17 17:53	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 17:53	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 17:53	75-27-4		
Bromoform	ND	ug/L	4.0	1		09/29/17 17:53	75-25-2		
Bromomethane	ND	ug/L	4.0	1		09/29/17 17:53	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 17:53	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:53	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:53	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 17:53	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 17:53	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 17:53	108-90-7		
Chloroethane	ND	ug/L	1.0	1		09/29/17 17:53	75-00-3		
Chloroform	ND	ug/L	1.0	1		09/29/17 17:53	67-66-3		
Chloromethane	ND	ug/L	4.0	1		09/29/17 17:53	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 17:53	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 17:53	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 17:53	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 17:53	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 17:53	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		09/29/17 17:53	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:53	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:53	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:53	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 17:53	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 17:53	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 17:53	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:53	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:53	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 17:53	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 17:53	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 17:53	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 17:53	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 17:53	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:53	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:53	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 17:53	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 17:53	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 17:53	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 17:53	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 17:53	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 17:53	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 17:53	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 17:53	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 17:53	1634-04-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW10:G091917		Lab ID: 10404488007		Collected: 09/19/17 15:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 17:53	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 17:53	103-65-1		
Styrene	ND	ug/L	0.50	1		09/29/17 17:53	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 17:53	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 17:53	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		09/29/17 17:53	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 17:53	109-99-9		
Toluene	ND	ug/L	0.50	1		09/29/17 17:53	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:53	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 17:53	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 17:53	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 17:53	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		09/29/17 17:53	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 17:53	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 17:53	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 17:53	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 17:53	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 17:53	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 17:53	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 17:53	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 17:53	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		09/29/17 17:53	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%.	75-137	1		09/29/17 17:53	17060-07-0		
Toluene-d8 (S)	105	%.	75-125	1		09/29/17 17:53	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		09/29/17 17:53	460-00-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW16:G091917		Lab ID: 10404488008		Collected: 09/19/17 16:40		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		09/29/17 18:16	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		09/29/17 18:16	107-05-1		
Benzene	ND	ug/L	0.50	1		09/29/17 18:16	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		09/29/17 18:16	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 18:16	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 18:16	75-27-4		
Bromoform	ND	ug/L	4.0	1		09/29/17 18:16	75-25-2		
Bromomethane	ND	ug/L	4.0	1		09/29/17 18:16	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 18:16	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 18:16	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 18:16	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 18:16	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 18:16	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 18:16	108-90-7		
Chloroethane	ND	ug/L	1.0	1		09/29/17 18:16	75-00-3		
Chloroform	ND	ug/L	1.0	1		09/29/17 18:16	67-66-3		
Chloromethane	ND	ug/L	4.0	1		09/29/17 18:16	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 18:16	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 18:16	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 18:16	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 18:16	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 18:16	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		09/29/17 18:16	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 18:16	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 18:16	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 18:16	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 18:16	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 18:16	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 18:16	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 18:16	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 18:16	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 18:16	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 18:16	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 18:16	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 18:16	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 18:16	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 18:16	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 18:16	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 18:16	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 18:16	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 18:16	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 18:16	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 18:16	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 18:16	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 18:16	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 18:16	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 18:16	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW16:G091917		Lab ID: 10404488008		Collected: 09/19/17 16:40		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 18:16	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 18:16	103-65-1		
Styrene	ND	ug/L	0.50	1		09/29/17 18:16	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 18:16	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 18:16	79-34-5		
Tetrachloroethene	1.0	ug/L	0.50	1		09/29/17 18:16	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 18:16	109-99-9		
Toluene	ND	ug/L	0.50	1		09/29/17 18:16	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 18:16	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 18:16	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 18:16	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 18:16	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		09/29/17 18:16	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 18:16	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 18:16	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 18:16	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 18:16	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 18:16	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 18:16	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 18:16	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 18:16	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		09/29/17 18:16	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%.	75-137	1		09/29/17 18:16	17060-07-0		
Toluene-d8 (S)	104	%.	75-125	1		09/29/17 18:16	2037-26-5		
4-Bromofluorobenzene (S)	102	%.	75-125	1		09/29/17 18:16	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW21D:G092017		Lab ID: 10404488009		Collected: 09/20/17 08:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		10/03/17 04:18	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 04:18	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 04:18	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 04:18	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 04:18	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 04:18	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 04:18	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 04:18	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 04:18	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 04:18	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 04:18	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 04:18	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 04:18	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 04:18	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 04:18	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 04:18	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 04:18	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 04:18	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 04:18	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 04:18	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 04:18	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 04:18	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 04:18	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:18	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:18	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:18	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 04:18	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 04:18	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 04:18	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 04:18	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 04:18	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 04:18	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 04:18	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 04:18	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 04:18	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 04:18	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 04:18	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 04:18	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 04:18	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 04:18	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 04:18	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 04:18	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 04:18	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 04:18	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 04:18	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 04:18	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 04:18	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW21D:G092017		Lab ID: 10404488009		Collected: 09/20/17 08:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 04:18	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 04:18	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 04:18	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 04:18	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 04:18	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		10/03/17 04:18	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 04:18	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 04:18	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:18	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:18	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 04:18	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 04:18	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 04:18	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 04:18	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 04:18	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 04:18	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 04:18	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 04:18	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 04:18	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 04:18	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 04:18	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 04:18	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-137	1		10/03/17 04:18	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		10/03/17 04:18	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		10/03/17 04:18	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW17D:G092017		Lab ID: 10404488010		Collected: 09/20/17 10:15		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		10/03/17 04:41	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 04:41	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 04:41	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 04:41	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 04:41	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 04:41	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 04:41	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 04:41	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 04:41	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 04:41	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 04:41	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 04:41	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 04:41	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 04:41	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 04:41	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 04:41	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 04:41	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 04:41	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 04:41	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 04:41	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 04:41	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 04:41	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 04:41	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:41	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:41	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:41	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 04:41	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 04:41	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 04:41	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 04:41	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 04:41	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 04:41	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 04:41	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 04:41	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 04:41	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 04:41	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 04:41	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 04:41	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 04:41	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 04:41	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 04:41	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 04:41	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 04:41	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 04:41	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 04:41	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 04:41	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 04:41	1634-04-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW17D:G092017		Lab ID: 10404488010		Collected: 09/20/17 10:15		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 04:41	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 04:41	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 04:41	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 04:41	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 04:41	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		10/03/17 04:41	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 04:41	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 04:41	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:41	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 04:41	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 04:41	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 04:41	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 04:41	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 04:41	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 04:41	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 04:41	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 04:41	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 04:41	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 04:41	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 04:41	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 04:41	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 04:41	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-137	1		10/03/17 04:41	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		10/03/17 04:41	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		10/03/17 04:41	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW17:G092017		Lab ID: 10404488011		Collected: 09/20/17 10:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		10/03/17 05:05	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 05:05	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 05:05	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 05:05	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 05:05	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 05:05	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 05:05	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 05:05	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 05:05	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:05	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:05	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:05	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 05:05	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 05:05	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 05:05	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 05:05	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 05:05	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 05:05	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 05:05	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 05:05	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 05:05	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 05:05	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 05:05	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:05	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:05	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:05	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 05:05	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 05:05	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 05:05	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:05	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:05	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:05	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 05:05	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 05:05	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 05:05	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 05:05	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:05	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:05	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:05	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 05:05	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 05:05	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 05:05	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 05:05	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 05:05	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 05:05	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 05:05	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 05:05	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW17:G092017		Lab ID: 10404488011		Collected: 09/20/17 10:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 05:05	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 05:05	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 05:05	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 05:05	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 05:05	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		10/03/17 05:05	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 05:05	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 05:05	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:05	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:05	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 05:05	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 05:05	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 05:05	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 05:05	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 05:05	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 05:05	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 05:05	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 05:05	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 05:05	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 05:05	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 05:05	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 05:05	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%.	75-137	1		10/03/17 05:05	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		10/03/17 05:05	2037-26-5		
4-Bromofluorobenzene (S)	98	%.	75-125	1		10/03/17 05:05	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW14:G092017		Lab ID: 10404488012		Collected: 09/20/17 11:45		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		10/03/17 05:28	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 05:28	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 05:28	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 05:28	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 05:28	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 05:28	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 05:28	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 05:28	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 05:28	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:28	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:28	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:28	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 05:28	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 05:28	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 05:28	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 05:28	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 05:28	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 05:28	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 05:28	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 05:28	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 05:28	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 05:28	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 05:28	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:28	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:28	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:28	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 05:28	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 05:28	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 05:28	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:28	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:28	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:28	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 05:28	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 05:28	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 05:28	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 05:28	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:28	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:28	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:28	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 05:28	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 05:28	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 05:28	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 05:28	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 05:28	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 05:28	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 05:28	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 05:28	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW14:G092017		Lab ID: 10404488012		Collected: 09/20/17 11:45		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 05:28	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 05:28	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 05:28	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 05:28	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 05:28	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		10/03/17 05:28	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 05:28	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 05:28	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:28	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:28	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 05:28	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 05:28	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 05:28	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 05:28	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 05:28	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 05:28	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 05:28	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 05:28	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 05:28	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 05:28	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 05:28	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 05:28	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-137	1		10/03/17 05:28	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		10/03/17 05:28	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		10/03/17 05:28	460-00-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW8:G092017		Lab ID: 10404488013		Collected: 09/20/17 12:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		10/03/17 05:52	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 05:52	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 05:52	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 05:52	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 05:52	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 05:52	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 05:52	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 05:52	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 05:52	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:52	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:52	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 05:52	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 05:52	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 05:52	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 05:52	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 05:52	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 05:52	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 05:52	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 05:52	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 05:52	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 05:52	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 05:52	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 05:52	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:52	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:52	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:52	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 05:52	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 05:52	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 05:52	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:52	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:52	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 05:52	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 05:52	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 05:52	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 05:52	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 05:52	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:52	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:52	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 05:52	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 05:52	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 05:52	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 05:52	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 05:52	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 05:52	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 05:52	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 05:52	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 05:52	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW8:G092017		Lab ID: 10404488013		Collected: 09/20/17 12:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 05:52	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 05:52	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 05:52	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 05:52	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 05:52	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		10/03/17 05:52	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 05:52	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 05:52	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:52	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 05:52	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 05:52	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 05:52	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 05:52	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 05:52	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 05:52	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 05:52	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 05:52	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 05:52	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 05:52	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 05:52	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 05:52	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 05:52	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-137	1		10/03/17 05:52	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		10/03/17 05:52	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		10/03/17 05:52	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW12:G092017		Lab ID: 10404488014		Collected: 09/20/17 13:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		10/03/17 06:15	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 06:15	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 06:15	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 06:15	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 06:15	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 06:15	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 06:15	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 06:15	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 06:15	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 06:15	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 06:15	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 06:15	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 06:15	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 06:15	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 06:15	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 06:15	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 06:15	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 06:15	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 06:15	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 06:15	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 06:15	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 06:15	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 06:15	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:15	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:15	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:15	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 06:15	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 06:15	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 06:15	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 06:15	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 06:15	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 06:15	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 06:15	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 06:15	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 06:15	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 06:15	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 06:15	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 06:15	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 06:15	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 06:15	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 06:15	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 06:15	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 06:15	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 06:15	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 06:15	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 06:15	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 06:15	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW12:G092017		Lab ID: 10404488014		Collected: 09/20/17 13:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 06:15	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 06:15	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 06:15	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 06:15	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 06:15	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		10/03/17 06:15	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 06:15	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 06:15	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:15	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:15	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 06:15	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 06:15	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 06:15	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 06:15	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 06:15	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 06:15	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 06:15	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 06:15	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 06:15	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 06:15	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 06:15	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 06:15	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%.	75-137	1		10/03/17 06:15	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		10/03/17 06:15	2037-26-5		
4-Bromofluorobenzene (S)	97	%.	75-125	1		10/03/17 06:15	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW1D:G092017		Lab ID: 10404488015		Collected: 09/20/17 14:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		10/03/17 06:39	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 06:39	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 06:39	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 06:39	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 06:39	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 06:39	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 06:39	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 06:39	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 06:39	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 06:39	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 06:39	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 06:39	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 06:39	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 06:39	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 06:39	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 06:39	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 06:39	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 06:39	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 06:39	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 06:39	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 06:39	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 06:39	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 06:39	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:39	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:39	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:39	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 06:39	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 06:39	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 06:39	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 06:39	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 06:39	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 06:39	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 06:39	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 06:39	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 06:39	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 06:39	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 06:39	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 06:39	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 06:39	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 06:39	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 06:39	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 06:39	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 06:39	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 06:39	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 06:39	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 06:39	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 06:39	1634-04-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW1D:G092017		Lab ID: 10404488015		Collected: 09/20/17 14:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 06:39	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 06:39	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 06:39	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 06:39	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 06:39	79-34-5		
Tetrachloroethene	2.1	ug/L	0.50	1		10/03/17 06:39	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 06:39	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 06:39	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:39	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 06:39	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 06:39	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 06:39	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 06:39	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 06:39	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 06:39	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 06:39	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 06:39	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 06:39	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 06:39	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 06:39	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 06:39	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 06:39	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-137	1		10/03/17 06:39	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	1		10/03/17 06:39	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		10/03/17 06:39	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW4G:G092017		Lab ID: 10404488016		Collected: 09/20/17 15:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		10/03/17 07:02	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 07:02	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 07:02	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 07:02	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 07:02	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 07:02	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 07:02	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 07:02	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 07:02	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 07:02	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 07:02	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 07:02	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 07:02	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 07:02	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 07:02	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 07:02	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 07:02	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 07:02	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 07:02	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 07:02	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 07:02	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 07:02	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 07:02	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:02	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:02	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:02	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 07:02	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 07:02	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 07:02	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 07:02	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 07:02	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 07:02	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 07:02	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 07:02	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 07:02	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 07:02	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 07:02	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 07:02	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 07:02	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 07:02	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 07:02	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 07:02	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 07:02	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 07:02	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 07:02	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 07:02	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 07:02	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW4G:G092017		Lab ID: 10404488016		Collected: 09/20/17 15:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 07:02	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 07:02	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 07:02	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 07:02	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 07:02	79-34-5		
Tetrachloroethene	3.8	ug/L	0.50	1		10/03/17 07:02	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 07:02	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 07:02	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:02	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:02	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 07:02	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 07:02	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 07:02	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 07:02	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 07:02	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 07:02	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 07:02	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 07:02	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 07:02	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 07:02	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 07:02	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 07:02	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-137	1		10/03/17 07:02	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		10/03/17 07:02	2037-26-5		
4-Bromofluorobenzene (S)	98	%.	75-125	1		10/03/17 07:02	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW9:G092017		Lab ID: 10404488017		Collected: 09/20/17 16:45		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		10/03/17 07:26	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 07:26	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 07:26	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 07:26	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 07:26	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 07:26	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 07:26	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 07:26	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 07:26	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 07:26	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 07:26	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 07:26	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 07:26	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 07:26	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 07:26	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 07:26	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 07:26	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 07:26	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 07:26	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 07:26	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 07:26	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 07:26	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 07:26	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:26	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:26	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:26	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 07:26	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 07:26	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 07:26	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 07:26	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 07:26	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 07:26	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 07:26	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 07:26	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 07:26	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 07:26	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 07:26	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 07:26	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 07:26	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 07:26	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 07:26	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 07:26	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 07:26	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 07:26	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 07:26	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 07:26	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 07:26	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW9:G092017		Lab ID: 10404488017		Collected: 09/20/17 16:45		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 07:26	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 07:26	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 07:26	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 07:26	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 07:26	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		10/03/17 07:26	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 07:26	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 07:26	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:26	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 07:26	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 07:26	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 07:26	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 07:26	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 07:26	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 07:26	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 07:26	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 07:26	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 07:26	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 07:26	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 07:26	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 07:26	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 07:26	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-137	1		10/03/17 07:26	17060-07-0		
Toluene-d8 (S)	104	%.	75-125	1		10/03/17 07:26	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		10/03/17 07:26	460-00-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW23:G092117		Lab ID: 10404488018		Collected: 09/21/17 09:00		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	40.0	2		10/03/17 07:50	67-64-1		
Allyl chloride	ND	ug/L	8.0	2		10/03/17 07:50	107-05-1		
Benzene	ND	ug/L	1.0	2		10/03/17 07:50	71-43-2		
Bromobenzene	ND	ug/L	1.0	2		10/03/17 07:50	108-86-1		
Bromochloromethane	ND	ug/L	2.0	2		10/03/17 07:50	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	2		10/03/17 07:50	75-27-4		
Bromoform	ND	ug/L	8.0	2		10/03/17 07:50	75-25-2		
Bromomethane	ND	ug/L	8.0	2		10/03/17 07:50	74-83-9		
2-Butanone (MEK)	ND	ug/L	10.0	2		10/03/17 07:50	78-93-3		
n-Butylbenzene	ND	ug/L	1.0	2		10/03/17 07:50	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	2		10/03/17 07:50	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	2		10/03/17 07:50	98-06-6		
Carbon tetrachloride	1.3	ug/L	1.0	2		10/03/17 07:50	56-23-5		
Chlorobenzene	ND	ug/L	1.0	2		10/03/17 07:50	108-90-7		
Chloroethane	ND	ug/L	2.0	2		10/03/17 07:50	75-00-3		
Chloroform	ND	ug/L	2.0	2		10/03/17 07:50	67-66-3		
Chloromethane	ND	ug/L	8.0	2		10/03/17 07:50	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	2		10/03/17 07:50	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	2		10/03/17 07:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	8.0	2		10/03/17 07:50	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	2		10/03/17 07:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	2		10/03/17 07:50	106-93-4		
Dibromomethane	ND	ug/L	2.0	2		10/03/17 07:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	2		10/03/17 07:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	2		10/03/17 07:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	2		10/03/17 07:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	2.0	2		10/03/17 07:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	2		10/03/17 07:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	2		10/03/17 07:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	2		10/03/17 07:50	75-35-4		
cis-1,2-Dichloroethene	7.8	ug/L	1.0	2		10/03/17 07:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	2		10/03/17 07:50	156-60-5		
Dichlorofluoromethane	ND	ug/L	2.0	2		10/03/17 07:50	75-43-4		
1,2-Dichloropropane	ND	ug/L	8.0	2		10/03/17 07:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	2		10/03/17 07:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	2.0	2		10/03/17 07:50	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	2		10/03/17 07:50	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	2		10/03/17 07:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	2		10/03/17 07:50	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	8.0	2		10/03/17 07:50	60-29-7		
Ethylbenzene	ND	ug/L	1.0	2		10/03/17 07:50	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	2		10/03/17 07:50	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	2		10/03/17 07:50	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	2		10/03/17 07:50	99-87-6		
Methylene Chloride	ND	ug/L	8.0	2		10/03/17 07:50	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	2		10/03/17 07:50	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	2		10/03/17 07:50	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW23:G092117		Lab ID: 10404488018		Collected: 09/21/17 09:00		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	2.0	2		10/03/17 07:50	91-20-3		
n-Propylbenzene	ND	ug/L	1.0	2		10/03/17 07:50	103-65-1		
Styrene	ND	ug/L	1.0	2		10/03/17 07:50	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	2		10/03/17 07:50	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	2		10/03/17 07:50	79-34-5		
Tetrachloroethene	462	ug/L	1.0	2		10/03/17 07:50	127-18-4		
Tetrahydrofuran	ND	ug/L	20.0	2		10/03/17 07:50	109-99-9		
Toluene	ND	ug/L	1.0	2		10/03/17 07:50	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	2		10/03/17 07:50	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	2		10/03/17 07:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	2		10/03/17 07:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	2		10/03/17 07:50	79-00-5		
Trichloroethene	12.7	ug/L	0.80	2		10/03/17 07:50	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	2		10/03/17 07:50	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	8.0	2		10/03/17 07:50	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	2.0	2		10/03/17 07:50	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	2		10/03/17 07:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	2		10/03/17 07:50	108-67-8		
Vinyl chloride	ND	ug/L	0.40	2		10/03/17 07:50	75-01-4		
Xylene (Total)	ND	ug/L	3.0	2		10/03/17 07:50	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	2		10/03/17 07:50	179601-23-1		
o-Xylene	ND	ug/L	1.0	2		10/03/17 07:50	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-137	2		10/03/17 07:50	17060-07-0		
Toluene-d8 (S)	102	%.	75-125	2		10/03/17 07:50	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	2		10/03/17 07:50	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW15:G092117		Lab ID: 10404488019		Collected: 09/21/17 09:55		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	100	5		10/03/17 18:47	67-64-1		
Allyl chloride	ND	ug/L	20.0	5		10/03/17 18:47	107-05-1		
Benzene	ND	ug/L	2.5	5		10/03/17 18:47	71-43-2		
Bromobenzene	ND	ug/L	2.5	5		10/03/17 18:47	108-86-1		
Bromochloromethane	ND	ug/L	5.0	5		10/03/17 18:47	74-97-5		
Bromodichloromethane	ND	ug/L	2.5	5		10/03/17 18:47	75-27-4		
Bromoform	ND	ug/L	20.0	5		10/03/17 18:47	75-25-2		
Bromomethane	ND	ug/L	20.0	5		10/03/17 18:47	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	5		10/03/17 18:47	78-93-3		
n-Butylbenzene	ND	ug/L	2.5	5		10/03/17 18:47	104-51-8		
sec-Butylbenzene	ND	ug/L	2.5	5		10/03/17 18:47	135-98-8		
tert-Butylbenzene	ND	ug/L	2.5	5		10/03/17 18:47	98-06-6		
Carbon tetrachloride	ND	ug/L	2.5	5		10/03/17 18:47	56-23-5		
Chlorobenzene	ND	ug/L	2.5	5		10/03/17 18:47	108-90-7		
Chloroethane	ND	ug/L	5.0	5		10/03/17 18:47	75-00-3		
Chloroform	ND	ug/L	5.0	5		10/03/17 18:47	67-66-3		
Chloromethane	ND	ug/L	20.0	5		10/03/17 18:47	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	5		10/03/17 18:47	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	5		10/03/17 18:47	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		10/03/17 18:47	96-12-8		
Dibromochloromethane	ND	ug/L	2.5	5		10/03/17 18:47	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		10/03/17 18:47	106-93-4		
Dibromomethane	ND	ug/L	5.0	5		10/03/17 18:47	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	5		10/03/17 18:47	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	5		10/03/17 18:47	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	5		10/03/17 18:47	106-46-7		
Dichlorodifluoromethane	ND	ug/L	5.0	5		10/03/17 18:47	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	5		10/03/17 18:47	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	5		10/03/17 18:47	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	5		10/03/17 18:47	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	2.5	5		10/03/17 18:47	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		10/03/17 18:47	156-60-5		
Dichlorofluoromethane	ND	ug/L	5.0	5		10/03/17 18:47	75-43-4		
1,2-Dichloropropane	ND	ug/L	20.0	5		10/03/17 18:47	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	5		10/03/17 18:47	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	5		10/03/17 18:47	594-20-7		
1,1-Dichloropropene	ND	ug/L	2.5	5		10/03/17 18:47	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		10/03/17 18:47	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		10/03/17 18:47	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		10/03/17 18:47	60-29-7		
Ethylbenzene	ND	ug/L	2.5	5		10/03/17 18:47	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		10/03/17 18:47	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		10/03/17 18:47	98-82-8		
p-Isopropyltoluene	ND	ug/L	2.5	5		10/03/17 18:47	99-87-6		
Methylene Chloride	ND	ug/L	20.0	5		10/03/17 18:47	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		10/03/17 18:47	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	2.5	5		10/03/17 18:47	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW15:G092117	Lab ID: 10404488019	Collected: 09/21/17 09:55	Received: 09/23/17 09:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	5.0	5		10/03/17 18:47	91-20-3	
n-Propylbenzene	ND	ug/L	2.5	5		10/03/17 18:47	103-65-1	
Styrene	ND	ug/L	2.5	5		10/03/17 18:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		10/03/17 18:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		10/03/17 18:47	79-34-5	
Tetrachloroethene	558	ug/L	2.5	5		10/03/17 18:47	127-18-4	
Tetrahydrofuran	ND	ug/L	50.0	5		10/03/17 18:47	109-99-9	
Toluene	ND	ug/L	2.5	5		10/03/17 18:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.5	5		10/03/17 18:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.5	5		10/03/17 18:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.5	5		10/03/17 18:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.5	5		10/03/17 18:47	79-00-5	
Trichloroethene	12.7	ug/L	2.0	5		10/03/17 18:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.5	5		10/03/17 18:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	5		10/03/17 18:47	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	5		10/03/17 18:47	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	2.5	5		10/03/17 18:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		10/03/17 18:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	5		10/03/17 18:47	75-01-4	
Xylene (Total)	ND	ug/L	7.5	5		10/03/17 18:47	1330-20-7	
m&p-Xylene	ND	ug/L	5.0	5		10/03/17 18:47	179601-23-1	
o-Xylene	ND	ug/L	2.5	5		10/03/17 18:47	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%.	75-137	5		10/03/17 18:47	17060-07-0	
Toluene-d8 (S)	102	%.	75-125	5		10/03/17 18:47	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	5		10/03/17 18:47	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW15D:G092117		Lab ID: 10404488020		Collected: 09/21/17 10:40		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		10/03/17 16:02	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 16:02	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 16:02	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 16:02	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 16:02	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 16:02	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 16:02	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 16:02	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 16:02	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:02	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:02	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:02	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 16:02	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 16:02	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 16:02	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 16:02	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 16:02	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 16:02	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 16:02	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 16:02	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 16:02	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 16:02	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 16:02	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:02	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:02	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:02	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 16:02	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 16:02	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 16:02	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:02	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:02	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:02	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 16:02	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 16:02	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 16:02	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 16:02	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:02	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:02	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:02	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 16:02	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 16:02	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 16:02	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 16:02	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 16:02	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 16:02	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 16:02	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 16:02	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW15D:G092117		Lab ID: 10404488020		Collected: 09/21/17 10:40		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 16:02	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 16:02	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 16:02	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 16:02	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 16:02	79-34-5		
Tetrachloroethene	8.4	ug/L	0.50	1		10/03/17 16:02	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 16:02	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 16:02	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:02	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:02	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 16:02	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 16:02	79-00-5		
Trichloroethene	1.6	ug/L	0.40	1		10/03/17 16:02	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 16:02	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 16:02	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 16:02	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 16:02	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 16:02	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 16:02	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 16:02	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 16:02	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 16:02	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-137	1		10/03/17 16:02	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		10/03/17 16:02	2037-26-5		
4-Bromofluorobenzene (S)	100	%.	75-125	1		10/03/17 16:02	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW6:G092117		Lab ID: 10404488021		Collected: 09/21/17 11:40		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		10/03/17 16:26	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 16:26	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 16:26	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 16:26	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 16:26	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 16:26	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 16:26	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 16:26	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 16:26	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:26	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:26	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:26	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 16:26	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 16:26	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 16:26	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 16:26	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 16:26	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 16:26	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 16:26	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 16:26	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 16:26	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 16:26	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 16:26	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:26	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:26	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:26	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 16:26	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 16:26	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 16:26	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:26	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:26	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:26	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 16:26	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 16:26	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 16:26	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 16:26	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:26	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:26	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:26	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 16:26	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 16:26	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 16:26	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 16:26	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 16:26	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 16:26	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 16:26	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 16:26	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW6:G092117		Lab ID: 10404488021		Collected: 09/21/17 11:40		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 16:26	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 16:26	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 16:26	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 16:26	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 16:26	79-34-5		
Tetrachloroethene	46.8	ug/L	0.50	1		10/03/17 16:26	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 16:26	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 16:26	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:26	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:26	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 16:26	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 16:26	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 16:26	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 16:26	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 16:26	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 16:26	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 16:26	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 16:26	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 16:26	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 16:26	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 16:26	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 16:26	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%.	75-137	1		10/03/17 16:26	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		10/03/17 16:26	2037-26-5		
4-Bromofluorobenzene (S)	101	%.	75-125	1		10/03/17 16:26	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW5:G092117		Lab ID: 10404488022		Collected: 09/21/17 13:30		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		10/03/17 16:50	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 16:50	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 16:50	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 16:50	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 16:50	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 16:50	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 16:50	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 16:50	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 16:50	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:50	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:50	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 16:50	98-06-6		
Carbon tetrachloride	0.78	ug/L	0.50	1		10/03/17 16:50	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 16:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 16:50	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 16:50	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 16:50	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 16:50	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 16:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 16:50	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 16:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 16:50	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 16:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 16:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 16:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 16:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 16:50	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 16:50	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 16:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 16:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 16:50	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:50	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 16:50	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 16:50	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 16:50	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 16:50	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 16:50	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 16:50	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 16:50	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 16:50	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 16:50	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW5:G092117		Lab ID: 10404488022		Collected: 09/21/17 13:30		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 16:50	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 16:50	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 16:50	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 16:50	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 16:50	79-34-5		
Tetrachloroethene	126	ug/L	0.50	1		10/03/17 16:50	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 16:50	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 16:50	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:50	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 16:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 16:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 16:50	79-00-5		
Trichloroethene	2.6	ug/L	0.40	1		10/03/17 16:50	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 16:50	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 16:50	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 16:50	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 16:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 16:50	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 16:50	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 16:50	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 16:50	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 16:50	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-137	1		10/03/17 16:50	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		10/03/17 16:50	2037-26-5		
4-Bromofluorobenzene (S)	98	%.	75-125	1		10/03/17 16:50	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW13:G092117		Lab ID: 10404488023	Collected: 09/21/17 14:20	Received: 09/23/17 09:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	ND	ug/L	20.0	1		10/03/17 17:13	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		10/03/17 17:13	107-05-1	
Benzene	ND	ug/L	0.50	1		10/03/17 17:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		10/03/17 17:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 17:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 17:13	75-27-4	
Bromoform	ND	ug/L	4.0	1		10/03/17 17:13	75-25-2	
Bromomethane	ND	ug/L	4.0	1		10/03/17 17:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 17:13	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 17:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 17:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 17:13	98-06-6	
Carbon tetrachloride	0.70	ug/L	0.50	1		10/03/17 17:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 17:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/03/17 17:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/03/17 17:13	67-66-3	
Chloromethane	ND	ug/L	4.0	1		10/03/17 17:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 17:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 17:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 17:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 17:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/03/17 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 17:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 17:13	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 17:13	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 17:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 17:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 17:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 17:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 17:13	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 17:13	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 17:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 17:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 17:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 17:13	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 17:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 17:13	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW13:G092117	Lab ID: 10404488023	Collected: 09/21/17 14:20	Received: 09/23/17 09:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 17:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 17:13	103-65-1	
Styrene	ND	ug/L	0.50	1		10/03/17 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 17:13	79-34-5	
Tetrachloroethene	47.9	ug/L	0.50	1		10/03/17 17:13	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 17:13	109-99-9	
Toluene	ND	ug/L	0.50	1		10/03/17 17:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 17:13	79-00-5	
Trichloroethene	0.48	ug/L	0.40	1		10/03/17 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 17:13	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 17:13	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 17:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 17:13	108-67-8	
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 17:13	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 17:13	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 17:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		10/03/17 17:13	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%.	75-137	1		10/03/17 17:13	17060-07-0	
Toluene-d8 (S)	100	%.	75-125	1		10/03/17 17:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1		10/03/17 17:13	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW101:G092117		Lab ID: 10404488024		Collected: 09/21/17 12:30		Received: 09/23/17 09:10		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		10/03/17 17:36	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 17:36	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 17:36	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 17:36	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 17:36	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 17:36	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 17:36	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 17:36	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 17:36	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 17:36	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 17:36	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 17:36	98-06-6		
Carbon tetrachloride	0.78	ug/L	0.50	1		10/03/17 17:36	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 17:36	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 17:36	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 17:36	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 17:36	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 17:36	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 17:36	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 17:36	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 17:36	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 17:36	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 17:36	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:36	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:36	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:36	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 17:36	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 17:36	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 17:36	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 17:36	75-35-4		
cis-1,2-Dichloroethene	98.8	ug/L	0.50	1		10/03/17 17:36	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 17:36	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 17:36	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 17:36	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 17:36	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 17:36	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 17:36	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 17:36	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 17:36	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 17:36	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 17:36	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 17:36	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 17:36	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 17:36	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 17:36	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 17:36	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 17:36	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW101:G092117	Lab ID: 10404488024	Collected: 09/21/17 12:30	Received: 09/23/17 09:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 17:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 17:36	103-65-1	
Styrene	ND	ug/L	0.50	1		10/03/17 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 17:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 17:36	79-34-5	
Tetrachloroethene	223	ug/L	0.50	1		10/03/17 17:36	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 17:36	109-99-9	
Toluene	ND	ug/L	0.50	1		10/03/17 17:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 17:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 17:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 17:36	79-00-5	
Trichloroethene	9.4	ug/L	0.40	1		10/03/17 17:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 17:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 17:36	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 17:36	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 17:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 17:36	108-67-8	
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 17:36	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 17:36	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 17:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		10/03/17 17:36	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%.	75-137	1		10/03/17 17:36	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		10/03/17 17:36	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		10/03/17 17:36	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW7:G092117		Lab ID: 10404488025		Collected: 09/21/17 15:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	880	ug/L	20.0	1		10/03/17 18:00	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 18:00	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 18:00	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 18:00	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 18:00	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 18:00	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 18:00	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 18:00	74-83-9		
2-Butanone (MEK)	511	ug/L	5.0	1		10/03/17 18:00	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 18:00	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 18:00	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 18:00	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 18:00	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 18:00	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 18:00	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 18:00	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 18:00	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 18:00	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 18:00	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 18:00	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 18:00	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 18:00	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 18:00	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 18:00	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 18:00	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 18:00	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 18:00	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 18:00	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 18:00	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 18:00	75-35-4		
cis-1,2-Dichloroethene	220	ug/L	5.0	10		10/04/17 17:34	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 18:00	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 18:00	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 18:00	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 18:00	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 18:00	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 18:00	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 18:00	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 18:00	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 18:00	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 18:00	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 18:00	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 18:00	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 18:00	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 18:00	75-09-2		
4-Methyl-2-pentanone (MIBK)	8.7	ug/L	5.0	1		10/03/17 18:00	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 18:00	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW7:G092117		Lab ID: 10404488025		Collected: 09/21/17 15:50		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 18:00	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 18:00	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 18:00	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 18:00	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 18:00	79-34-5		
Tetrachloroethene	819	ug/L	5.0	10		10/04/17 17:34	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 18:00	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 18:00	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 18:00	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 18:00	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 18:00	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 18:00	79-00-5		
Trichloroethene	13.0	ug/L	0.40	1		10/03/17 18:00	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 18:00	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 18:00	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 18:00	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 18:00	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 18:00	108-67-8		
Vinyl chloride	1.6	ug/L	0.20	1		10/03/17 18:00	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 18:00	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 18:00	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 18:00	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%.	75-137	1		10/03/17 18:00	17060-07-0		
Toluene-d8 (S)	100	%.	75-125	1		10/03/17 18:00	2037-26-5		
4-Bromofluorobenzene (S)	105	%.	75-125	1		10/03/17 18:00	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW11:G092217		Lab ID: 10404488026		Collected: 09/21/17 08:10		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	40.0	2		10/03/17 18:23	67-64-1		
Allyl chloride	ND	ug/L	8.0	2		10/03/17 18:23	107-05-1		
Benzene	ND	ug/L	1.0	2		10/03/17 18:23	71-43-2		
Bromobenzene	ND	ug/L	1.0	2		10/03/17 18:23	108-86-1		
Bromochloromethane	ND	ug/L	2.0	2		10/03/17 18:23	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	2		10/03/17 18:23	75-27-4		
Bromoform	ND	ug/L	8.0	2		10/03/17 18:23	75-25-2		
Bromomethane	ND	ug/L	8.0	2		10/03/17 18:23	74-83-9		
2-Butanone (MEK)	ND	ug/L	10.0	2		10/03/17 18:23	78-93-3		
n-Butylbenzene	ND	ug/L	1.0	2		10/03/17 18:23	104-51-8		
sec-Butylbenzene	ND	ug/L	1.0	2		10/03/17 18:23	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	2		10/03/17 18:23	98-06-6		
Carbon tetrachloride	ND	ug/L	1.0	2		10/03/17 18:23	56-23-5		
Chlorobenzene	ND	ug/L	1.0	2		10/03/17 18:23	108-90-7		
Chloroethane	ND	ug/L	2.0	2		10/03/17 18:23	75-00-3		
Chloroform	ND	ug/L	2.0	2		10/03/17 18:23	67-66-3		
Chloromethane	ND	ug/L	8.0	2		10/03/17 18:23	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	2		10/03/17 18:23	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	2		10/03/17 18:23	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	8.0	2		10/03/17 18:23	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	2		10/03/17 18:23	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	2		10/03/17 18:23	106-93-4		
Dibromomethane	ND	ug/L	2.0	2		10/03/17 18:23	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	2		10/03/17 18:23	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	2		10/03/17 18:23	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	2		10/03/17 18:23	106-46-7		
Dichlorodifluoromethane	ND	ug/L	2.0	2		10/03/17 18:23	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	2		10/03/17 18:23	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	2		10/03/17 18:23	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	2		10/03/17 18:23	75-35-4		
cis-1,2-Dichloroethene	90.5	ug/L	1.0	2		10/03/17 18:23	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	2		10/03/17 18:23	156-60-5		
Dichlorofluoromethane	ND	ug/L	2.0	2		10/03/17 18:23	75-43-4		
1,2-Dichloropropane	ND	ug/L	8.0	2		10/03/17 18:23	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	2		10/03/17 18:23	142-28-9		
2,2-Dichloropropane	ND	ug/L	2.0	2		10/03/17 18:23	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	2		10/03/17 18:23	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	2		10/03/17 18:23	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	2		10/03/17 18:23	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	8.0	2		10/03/17 18:23	60-29-7		
Ethylbenzene	ND	ug/L	1.0	2		10/03/17 18:23	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	2		10/03/17 18:23	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	2		10/03/17 18:23	98-82-8		
p-Isopropyltoluene	ND	ug/L	1.0	2		10/03/17 18:23	99-87-6		
Methylene Chloride	ND	ug/L	8.0	2		10/03/17 18:23	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	2		10/03/17 18:23	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	2		10/03/17 18:23	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW11:G092217	Lab ID: 10404488026		Collected: 09/21/17 08:10		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	2.0	2		10/03/17 18:23	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	2		10/03/17 18:23	103-65-1	
Styrene	ND	ug/L	1.0	2		10/03/17 18:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	2		10/03/17 18:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	2		10/03/17 18:23	79-34-5	
Tetrachloroethene	404	ug/L	1.0	2		10/03/17 18:23	127-18-4	
Tetrahydrofuran	ND	ug/L	20.0	2		10/03/17 18:23	109-99-9	
Toluene	ND	ug/L	1.0	2		10/03/17 18:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	2		10/03/17 18:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	2		10/03/17 18:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	2		10/03/17 18:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	2		10/03/17 18:23	79-00-5	
Trichloroethene	35.4	ug/L	0.80	2		10/03/17 18:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	2		10/03/17 18:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	8.0	2		10/03/17 18:23	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	2.0	2		10/03/17 18:23	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	2		10/03/17 18:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	2		10/03/17 18:23	108-67-8	
Vinyl chloride	ND	ug/L	0.40	2		10/03/17 18:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2		10/03/17 18:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	2		10/03/17 18:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	2		10/03/17 18:23	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%.	75-137	2		10/03/17 18:23	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	2		10/03/17 18:23	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	2		10/03/17 18:23	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW1:G092217		Lab ID: 10404488027		Collected: 09/21/17 09:00		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	749	ug/L	200	10		10/03/17 19:34	67-64-1		
Allyl chloride	ND	ug/L	40.0	10		10/03/17 19:34	107-05-1		
Benzene	ND	ug/L	5.0	10		10/03/17 19:34	71-43-2		
Bromobenzene	ND	ug/L	5.0	10		10/03/17 19:34	108-86-1		
Bromochloromethane	ND	ug/L	10.0	10		10/03/17 19:34	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	10		10/03/17 19:34	75-27-4		
Bromoform	ND	ug/L	40.0	10		10/03/17 19:34	75-25-2		
Bromomethane	ND	ug/L	40.0	10		10/03/17 19:34	74-83-9		
2-Butanone (MEK)	394	ug/L	50.0	10		10/03/17 19:34	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	10		10/03/17 19:34	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	10		10/03/17 19:34	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	10		10/03/17 19:34	98-06-6		
Carbon tetrachloride	ND	ug/L	5.0	10		10/03/17 19:34	56-23-5		
Chlorobenzene	ND	ug/L	5.0	10		10/03/17 19:34	108-90-7		
Chloroethane	ND	ug/L	10.0	10		10/03/17 19:34	75-00-3		
Chloroform	ND	ug/L	10.0	10		10/03/17 19:34	67-66-3		
Chloromethane	ND	ug/L	40.0	10		10/03/17 19:34	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	10		10/03/17 19:34	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	10		10/03/17 19:34	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	10		10/03/17 19:34	96-12-8		
Dibromochloromethane	ND	ug/L	5.0	10		10/03/17 19:34	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	10		10/03/17 19:34	106-93-4		
Dibromomethane	ND	ug/L	10.0	10		10/03/17 19:34	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	10		10/03/17 19:34	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	10		10/03/17 19:34	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	10		10/03/17 19:34	106-46-7		
Dichlorodifluoromethane	ND	ug/L	10.0	10		10/03/17 19:34	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	10		10/03/17 19:34	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	10		10/03/17 19:34	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	10		10/03/17 19:34	75-35-4		
cis-1,2-Dichloroethene	484	ug/L	5.0	10		10/03/17 19:34	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	10		10/03/17 19:34	156-60-5		
Dichlorofluoromethane	ND	ug/L	10.0	10		10/03/17 19:34	75-43-4		
1,2-Dichloropropane	ND	ug/L	40.0	10		10/03/17 19:34	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	10		10/03/17 19:34	142-28-9		
2,2-Dichloropropane	ND	ug/L	10.0	10		10/03/17 19:34	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	10		10/03/17 19:34	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	10		10/03/17 19:34	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	10		10/03/17 19:34	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	40.0	10		10/03/17 19:34	60-29-7		
Ethylbenzene	ND	ug/L	5.0	10		10/03/17 19:34	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	10		10/03/17 19:34	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	5.0	10		10/03/17 19:34	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	10		10/03/17 19:34	99-87-6		
Methylene Chloride	ND	ug/L	40.0	10		10/03/17 19:34	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	10		10/03/17 19:34	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	5.0	10		10/03/17 19:34	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: MW1:G092217		Lab ID: 10404488027		Collected: 09/21/17 09:00		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	10.0	10		10/03/17 19:34	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	10		10/03/17 19:34	103-65-1		
Styrene	ND	ug/L	5.0	10		10/03/17 19:34	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	10		10/03/17 19:34	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	10		10/03/17 19:34	79-34-5		
Tetrachloroethene	730	ug/L	5.0	10		10/03/17 19:34	127-18-4		
Tetrahydrofuran	ND	ug/L	100	10		10/03/17 19:34	109-99-9		
Toluene	ND	ug/L	5.0	10		10/03/17 19:34	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	10		10/03/17 19:34	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	10		10/03/17 19:34	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	10		10/03/17 19:34	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	10		10/03/17 19:34	79-00-5		
Trichloroethene	58.3	ug/L	4.0	10		10/03/17 19:34	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	10		10/03/17 19:34	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	40.0	10		10/03/17 19:34	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	10.0	10		10/03/17 19:34	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	10		10/03/17 19:34	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	10		10/03/17 19:34	108-67-8		
Vinyl chloride	3.3	ug/L	2.0	10		10/03/17 19:34	75-01-4		
Xylene (Total)	ND	ug/L	15.0	10		10/03/17 19:34	1330-20-7		
m&p-Xylene	ND	ug/L	10.0	10		10/03/17 19:34	179601-23-1		
o-Xylene	ND	ug/L	5.0	10		10/03/17 19:34	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-137	10		10/03/17 19:34	17060-07-0	D3	
Toluene-d8 (S)	99	%.	75-125	10		10/03/17 19:34	2037-26-5		
4-Bromofluorobenzene (S)	108	%.	75-125	10		10/03/17 19:34	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: EB1:G091917		Lab ID: 10404488028		Collected: 09/19/17 17:20		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		09/29/17 14:46	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		09/29/17 14:46	107-05-1		
Benzene	ND	ug/L	0.50	1		09/29/17 14:46	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		09/29/17 14:46	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 14:46	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 14:46	75-27-4		
Bromoform	ND	ug/L	4.0	1		09/29/17 14:46	75-25-2		
Bromomethane	ND	ug/L	4.0	1		09/29/17 14:46	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 14:46	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 14:46	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 14:46	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 14:46	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 14:46	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 14:46	108-90-7		
Chloroethane	ND	ug/L	1.0	1		09/29/17 14:46	75-00-3		
Chloroform	ND	ug/L	1.0	1		09/29/17 14:46	67-66-3		
Chloromethane	ND	ug/L	4.0	1		09/29/17 14:46	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 14:46	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 14:46	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 14:46	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 14:46	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 14:46	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		09/29/17 14:46	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 14:46	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 14:46	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 14:46	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 14:46	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 14:46	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 14:46	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 14:46	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 14:46	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 14:46	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 14:46	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 14:46	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 14:46	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 14:46	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 14:46	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 14:46	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 14:46	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 14:46	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 14:46	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 14:46	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 14:46	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 14:46	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 14:46	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 14:46	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 14:46	1634-04-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: EB1:G091917		Lab ID: 10404488028		Collected: 09/19/17 17:20		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		09/29/17 14:46	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 14:46	103-65-1		
Styrene	ND	ug/L	0.50	1		09/29/17 14:46	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 14:46	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 14:46	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		09/29/17 14:46	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 14:46	109-99-9		
Toluene	ND	ug/L	0.50	1		09/29/17 14:46	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 14:46	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 14:46	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 14:46	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 14:46	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		09/29/17 14:46	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 14:46	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 14:46	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 14:46	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 14:46	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 14:46	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 14:46	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 14:46	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 14:46	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		09/29/17 14:46	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	110	%.	75-137	1		09/29/17 14:46	17060-07-0		
Toluene-d8 (S)	105	%.	75-125	1		09/29/17 14:46	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		09/29/17 14:46	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: EB2:G092217		Lab ID: 10404488029		Collected: 09/22/17 07:10		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level	Analytical Method: EPA 8260B								
Acetone	ND	ug/L	20.0	1		10/03/17 15:39	67-64-1		
Allyl chloride	ND	ug/L	4.0	1		10/03/17 15:39	107-05-1		
Benzene	ND	ug/L	0.50	1		10/03/17 15:39	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		10/03/17 15:39	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		10/03/17 15:39	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		10/03/17 15:39	75-27-4		
Bromoform	ND	ug/L	4.0	1		10/03/17 15:39	75-25-2		
Bromomethane	ND	ug/L	4.0	1		10/03/17 15:39	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		10/03/17 15:39	78-93-3		
n-Butylbenzene	ND	ug/L	0.50	1		10/03/17 15:39	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		10/03/17 15:39	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		10/03/17 15:39	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		10/03/17 15:39	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		10/03/17 15:39	108-90-7		
Chloroethane	ND	ug/L	1.0	1		10/03/17 15:39	75-00-3		
Chloroform	ND	ug/L	1.0	1		10/03/17 15:39	67-66-3		
Chloromethane	ND	ug/L	4.0	1		10/03/17 15:39	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 15:39	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		10/03/17 15:39	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		10/03/17 15:39	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		10/03/17 15:39	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/03/17 15:39	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		10/03/17 15:39	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 15:39	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 15:39	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/03/17 15:39	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/03/17 15:39	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		10/03/17 15:39	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		10/03/17 15:39	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		10/03/17 15:39	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 15:39	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/03/17 15:39	156-60-5		
Dichlorofluoromethane	ND	ug/L	1.0	1		10/03/17 15:39	75-43-4		
1,2-Dichloropropane	ND	ug/L	4.0	1		10/03/17 15:39	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		10/03/17 15:39	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		10/03/17 15:39	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		10/03/17 15:39	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 15:39	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/03/17 15:39	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		10/03/17 15:39	60-29-7		
Ethylbenzene	ND	ug/L	0.50	1		10/03/17 15:39	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/03/17 15:39	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/03/17 15:39	98-82-8		
p-Isopropyltoluene	ND	ug/L	0.50	1		10/03/17 15:39	99-87-6		
Methylene Chloride	ND	ug/L	4.0	1		10/03/17 15:39	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/03/17 15:39	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		10/03/17 15:39	1634-04-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: EB2:G092217		Lab ID: 10404488029		Collected: 09/22/17 07:10		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Naphthalene	ND	ug/L	1.0	1		10/03/17 15:39	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		10/03/17 15:39	103-65-1		
Styrene	ND	ug/L	0.50	1		10/03/17 15:39	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 15:39	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/03/17 15:39	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		10/03/17 15:39	127-18-4		
Tetrahydrofuran	ND	ug/L	10.0	1		10/03/17 15:39	109-99-9		
Toluene	ND	ug/L	0.50	1		10/03/17 15:39	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 15:39	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		10/03/17 15:39	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/03/17 15:39	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/03/17 15:39	79-00-5		
Trichloroethene	ND	ug/L	0.40	1		10/03/17 15:39	79-01-6		
Trichlorofluoromethane	ND	ug/L	0.50	1		10/03/17 15:39	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	4.0	1		10/03/17 15:39	96-18-4		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		10/03/17 15:39	76-13-1		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 15:39	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/03/17 15:39	108-67-8		
Vinyl chloride	ND	ug/L	0.20	1		10/03/17 15:39	75-01-4		
Xylene (Total)	ND	ug/L	1.5	1		10/03/17 15:39	1330-20-7		
m&p-Xylene	ND	ug/L	1.0	1		10/03/17 15:39	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		10/03/17 15:39	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%.	75-137	1		10/03/17 15:39	17060-07-0		
Toluene-d8 (S)	101	%.	75-125	1		10/03/17 15:39	2037-26-5		
4-Bromofluorobenzene (S)	99	%.	75-125	1		10/03/17 15:39	460-00-4		

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: FD1:G092117		Lab ID: 10404488030		Collected: 09/21/17 00:00		Received: 09/23/17 09:10		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260B MSV Low Level		Analytical Method: EPA 8260B							
Acetone	ND	ug/L	100	5		10/05/17 19:23	67-64-1		
Allyl chloride	ND	ug/L	20.0	5		10/05/17 19:23	107-05-1		
Benzene	ND	ug/L	2.5	5		10/05/17 19:23	71-43-2		
Bromobenzene	ND	ug/L	2.5	5		10/05/17 19:23	108-86-1		
Bromochloromethane	ND	ug/L	5.0	5		10/05/17 19:23	74-97-5		
Bromodichloromethane	ND	ug/L	2.5	5		10/05/17 19:23	75-27-4		
Bromoform	ND	ug/L	20.0	5		10/05/17 19:23	75-25-2		
Bromomethane	ND	ug/L	20.0	5		10/05/17 19:23	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	5		10/05/17 19:23	78-93-3	L2	
n-Butylbenzene	ND	ug/L	2.5	5		10/05/17 19:23	104-51-8		
sec-Butylbenzene	ND	ug/L	2.5	5		10/05/17 19:23	135-98-8		
tert-Butylbenzene	ND	ug/L	2.5	5		10/05/17 19:23	98-06-6		
Carbon tetrachloride	ND	ug/L	2.5	5		10/05/17 19:23	56-23-5		
Chlorobenzene	ND	ug/L	2.5	5		10/05/17 19:23	108-90-7		
Chloroethane	ND	ug/L	5.0	5		10/05/17 19:23	75-00-3		
Chloroform	ND	ug/L	5.0	5		10/05/17 19:23	67-66-3		
Chloromethane	ND	ug/L	20.0	5		10/05/17 19:23	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	5		10/05/17 19:23	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	5		10/05/17 19:23	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		10/05/17 19:23	96-12-8	L2	
Dibromochloromethane	ND	ug/L	2.5	5		10/05/17 19:23	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		10/05/17 19:23	106-93-4		
Dibromomethane	ND	ug/L	5.0	5		10/05/17 19:23	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	5		10/05/17 19:23	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	5		10/05/17 19:23	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	5		10/05/17 19:23	106-46-7		
Dichlorodifluoromethane	ND	ug/L	5.0	5		10/05/17 19:23	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	5		10/05/17 19:23	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	5		10/05/17 19:23	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	5		10/05/17 19:23	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	2.5	5		10/05/17 19:23	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		10/05/17 19:23	156-60-5		
Dichlorofluoromethane	ND	ug/L	5.0	5		10/05/17 19:23	75-43-4		
1,2-Dichloropropane	ND	ug/L	20.0	5		10/05/17 19:23	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	5		10/05/17 19:23	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	5		10/05/17 19:23	594-20-7		
1,1-Dichloropropene	ND	ug/L	2.5	5		10/05/17 19:23	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		10/05/17 19:23	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		10/05/17 19:23	10061-02-6		
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		10/05/17 19:23	60-29-7		
Ethylbenzene	ND	ug/L	2.5	5		10/05/17 19:23	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		10/05/17 19:23	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		10/05/17 19:23	98-82-8		
p-Isopropyltoluene	ND	ug/L	2.5	5		10/05/17 19:23	99-87-6		
Methylene Chloride	ND	ug/L	20.0	5		10/05/17 19:23	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		10/05/17 19:23	108-10-1	L2	
Methyl-tert-butyl ether	ND	ug/L	2.5	5		10/05/17 19:23	1634-04-4	L2	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: FD1:G092117		Lab ID: 10404488030	Collected: 09/21/17 00:00	Received: 09/23/17 09:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Naphthalene	5.1	ug/L	5.0	5		10/05/17 19:23	91-20-3	CL,L2
n-Propylbenzene	ND	ug/L	2.5	5		10/05/17 19:23	103-65-1	
Styrene	ND	ug/L	2.5	5		10/05/17 19:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		10/05/17 19:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		10/05/17 19:23	79-34-5	
Tetrachloroethene	494	ug/L	2.5	5		10/05/17 19:23	127-18-4	
Tetrahydrofuran	ND	ug/L	50.0	5		10/05/17 19:23	109-99-9	
Toluene	ND	ug/L	2.5	5		10/05/17 19:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.5	5		10/05/17 19:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.5	5		10/05/17 19:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.5	5		10/05/17 19:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.5	5		10/05/17 19:23	79-00-5	
Trichloroethene	12.5	ug/L	2.0	5		10/05/17 19:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.5	5		10/05/17 19:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	5		10/05/17 19:23	96-18-4	L2
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	5		10/05/17 19:23	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	2.5	5		10/05/17 19:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		10/05/17 19:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	5		10/05/17 19:23	75-01-4	
Xylene (Total)	ND	ug/L	7.5	5		10/05/17 19:23	1330-20-7	
m&p-Xylene	ND	ug/L	5.0	5		10/05/17 19:23	179601-23-1	
o-Xylene	ND	ug/L	2.5	5		10/05/17 19:23	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%.	75-137	5		10/05/17 19:23	17060-07-0	
Toluene-d8 (S)	102	%.	75-125	5		10/05/17 19:23	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	5		10/05/17 19:23	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: FD2:G092217		Lab ID: 10404488031	Collected: 09/22/17 00:00	Received: 09/23/17 09:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Acetone	751	ug/L	100	5		10/03/17 19:10	67-64-1	
Allyl chloride	ND	ug/L	20.0	5		10/03/17 19:10	107-05-1	
Benzene	ND	ug/L	2.5	5		10/03/17 19:10	71-43-2	
Bromobenzene	ND	ug/L	2.5	5		10/03/17 19:10	108-86-1	
Bromochloromethane	ND	ug/L	5.0	5		10/03/17 19:10	74-97-5	
Bromodichloromethane	ND	ug/L	2.5	5		10/03/17 19:10	75-27-4	
Bromoform	ND	ug/L	20.0	5		10/03/17 19:10	75-25-2	
Bromomethane	ND	ug/L	20.0	5		10/03/17 19:10	74-83-9	
2-Butanone (MEK)	421	ug/L	25.0	5		10/03/17 19:10	78-93-3	
n-Butylbenzene	ND	ug/L	2.5	5		10/03/17 19:10	104-51-8	
sec-Butylbenzene	ND	ug/L	2.5	5		10/03/17 19:10	135-98-8	
tert-Butylbenzene	ND	ug/L	2.5	5		10/03/17 19:10	98-06-6	
Carbon tetrachloride	ND	ug/L	2.5	5		10/03/17 19:10	56-23-5	
Chlorobenzene	ND	ug/L	2.5	5		10/03/17 19:10	108-90-7	
Chloroethane	ND	ug/L	5.0	5		10/03/17 19:10	75-00-3	
Chloroform	ND	ug/L	5.0	5		10/03/17 19:10	67-66-3	
Chloromethane	ND	ug/L	20.0	5		10/03/17 19:10	74-87-3	
2-Chlorotoluene	ND	ug/L	2.5	5		10/03/17 19:10	95-49-8	
4-Chlorotoluene	ND	ug/L	2.5	5		10/03/17 19:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		10/03/17 19:10	96-12-8	
Dibromochloromethane	ND	ug/L	2.5	5		10/03/17 19:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		10/03/17 19:10	106-93-4	
Dibromomethane	ND	ug/L	5.0	5		10/03/17 19:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.5	5		10/03/17 19:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.5	5		10/03/17 19:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.5	5		10/03/17 19:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	5		10/03/17 19:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.5	5		10/03/17 19:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.5	5		10/03/17 19:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.5	5		10/03/17 19:10	75-35-4	
cis-1,2-Dichloroethene	499	ug/L	2.5	5		10/03/17 19:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		10/03/17 19:10	156-60-5	
Dichlorofluoromethane	ND	ug/L	5.0	5		10/03/17 19:10	75-43-4	
1,2-Dichloropropane	ND	ug/L	20.0	5		10/03/17 19:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.5	5		10/03/17 19:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	5		10/03/17 19:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.5	5		10/03/17 19:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		10/03/17 19:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		10/03/17 19:10	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		10/03/17 19:10	60-29-7	
Ethylbenzene	ND	ug/L	2.5	5		10/03/17 19:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		10/03/17 19:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		10/03/17 19:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	2.5	5		10/03/17 19:10	99-87-6	
Methylene Chloride	ND	ug/L	20.0	5		10/03/17 19:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		10/03/17 19:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.5	5		10/03/17 19:10	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: FD2:G092217		Lab ID: 10404488031	Collected: 09/22/17 00:00	Received: 09/23/17 09:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Naphthalene	ND	ug/L	5.0	5		10/03/17 19:10	91-20-3	
n-Propylbenzene	ND	ug/L	2.5	5		10/03/17 19:10	103-65-1	
Styrene	ND	ug/L	2.5	5		10/03/17 19:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		10/03/17 19:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		10/03/17 19:10	79-34-5	
Tetrachloroethene	784	ug/L	2.5	5		10/03/17 19:10	127-18-4	
Tetrahydrofuran	ND	ug/L	50.0	5		10/03/17 19:10	109-99-9	
Toluene	ND	ug/L	2.5	5		10/03/17 19:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.5	5		10/03/17 19:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.5	5		10/03/17 19:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.5	5		10/03/17 19:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.5	5		10/03/17 19:10	79-00-5	
Trichloroethene	60.3	ug/L	2.0	5		10/03/17 19:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.5	5		10/03/17 19:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	5		10/03/17 19:10	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	5		10/03/17 19:10	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	2.5	5		10/03/17 19:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		10/03/17 19:10	108-67-8	
Vinyl chloride	3.5	ug/L	1.0	5		10/03/17 19:10	75-01-4	
Xylene (Total)	ND	ug/L	7.5	5		10/03/17 19:10	1330-20-7	
m&p-Xylene	ND	ug/L	5.0	5		10/03/17 19:10	179601-23-1	
o-Xylene	ND	ug/L	2.5	5		10/03/17 19:10	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%.	75-137	5		10/03/17 19:10	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	5		10/03/17 19:10	2037-26-5	
4-Bromofluorobenzene (S)	107	%.	75-125	5		10/03/17 19:10	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: Trip Blank		Lab ID: 10404488032	Collected: 09/19/17 00:00	Received: 09/23/17 09:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level	Analytical Method: EPA 8260B							
Acetone	ND	ug/L	20.0	1		09/29/17 13:12	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		09/29/17 13:12	107-05-1	
Benzene	ND	ug/L	0.50	1		09/29/17 13:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		09/29/17 13:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		09/29/17 13:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		09/29/17 13:12	75-27-4	
Bromoform	ND	ug/L	4.0	1		09/29/17 13:12	75-25-2	
Bromomethane	ND	ug/L	4.0	1		09/29/17 13:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		09/29/17 13:12	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	1		09/29/17 13:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		09/29/17 13:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		09/29/17 13:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		09/29/17 13:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		09/29/17 13:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		09/29/17 13:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		09/29/17 13:12	67-66-3	
Chloromethane	ND	ug/L	4.0	1		09/29/17 13:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 13:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		09/29/17 13:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		09/29/17 13:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		09/29/17 13:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		09/29/17 13:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		09/29/17 13:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 13:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 13:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/29/17 13:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		09/29/17 13:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		09/29/17 13:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		09/29/17 13:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		09/29/17 13:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 13:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/29/17 13:12	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		09/29/17 13:12	75-43-4	
1,2-Dichloropropane	ND	ug/L	4.0	1		09/29/17 13:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		09/29/17 13:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		09/29/17 13:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		09/29/17 13:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 13:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		09/29/17 13:12	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		09/29/17 13:12	60-29-7	
Ethylbenzene	ND	ug/L	0.50	1		09/29/17 13:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		09/29/17 13:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		09/29/17 13:12	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		09/29/17 13:12	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		09/29/17 13:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		09/29/17 13:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		09/29/17 13:12	1634-04-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Sample: Trip Blank		Lab ID: 10404488032	Collected: 09/19/17 00:00	Received: 09/23/17 09:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV Low Level		Analytical Method: EPA 8260B						
Naphthalene	ND	ug/L	1.0	1		09/29/17 13:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		09/29/17 13:12	103-65-1	
Styrene	ND	ug/L	0.50	1		09/29/17 13:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 13:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		09/29/17 13:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		09/29/17 13:12	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		09/29/17 13:12	109-99-9	
Toluene	ND	ug/L	0.50	1		09/29/17 13:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 13:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/29/17 13:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/29/17 13:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/29/17 13:12	79-00-5	
Trichloroethene	ND	ug/L	0.40	1		09/29/17 13:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	0.50	1		09/29/17 13:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1		09/29/17 13:12	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		09/29/17 13:12	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 13:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		09/29/17 13:12	108-67-8	
Vinyl chloride	ND	ug/L	0.20	1		09/29/17 13:12	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		09/29/17 13:12	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	1		09/29/17 13:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		09/29/17 13:12	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%.	75-137	1		09/29/17 13:12	17060-07-0	
Toluene-d8 (S)	104	%.	75-125	1		09/29/17 13:12	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1		09/29/17 13:12	460-00-4	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Project No.: 10404488

QC Batch:	499620	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10404488001, 10404488002, 10404488003, 10404488004, 10404488005, 10404488006, 10404488007, 10404488008, 10404488028, 10404488032		

METHOD BLANK:	2716395	Matrix:	Water
Associated Lab Samples:	10404488001, 10404488002, 10404488003, 10404488004, 10404488005, 10404488006, 10404488007, 10404488008, 10404488028, 10404488032		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	09/29/17 12:02	
1,1,1-Trichloroethane	ug/L	ND	0.50	09/29/17 12:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	09/29/17 12:02	
1,1,2-Trichloroethane	ug/L	ND	0.50	09/29/17 12:02	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	09/29/17 12:02	
1,1-Dichloroethane	ug/L	ND	0.50	09/29/17 12:02	
1,1-Dichloroethene	ug/L	ND	0.50	09/29/17 12:02	
1,1-Dichloropropene	ug/L	ND	0.50	09/29/17 12:02	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	09/29/17 12:02	
1,2,3-Trichloropropane	ug/L	ND	4.0	09/29/17 12:02	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	09/29/17 12:02	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	09/29/17 12:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	09/29/17 12:02	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	09/29/17 12:02	
1,2-Dichlorobenzene	ug/L	ND	0.50	09/29/17 12:02	
1,2-Dichloroethane	ug/L	ND	0.50	09/29/17 12:02	
1,2-Dichloropropane	ug/L	ND	4.0	09/29/17 12:02	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	09/29/17 12:02	
1,3-Dichlorobenzene	ug/L	ND	0.50	09/29/17 12:02	
1,3-Dichloropropane	ug/L	ND	0.50	09/29/17 12:02	
1,4-Dichlorobenzene	ug/L	ND	0.50	09/29/17 12:02	
2,2-Dichloropropane	ug/L	ND	1.0	09/29/17 12:02	
2-Butanone (MEK)	ug/L	ND	5.0	09/29/17 12:02	
2-Chlorotoluene	ug/L	ND	0.50	09/29/17 12:02	
4-Chlorotoluene	ug/L	ND	0.50	09/29/17 12:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	09/29/17 12:02	
Acetone	ug/L	ND	20.0	09/29/17 12:02	
Allyl chloride	ug/L	ND	4.0	09/29/17 12:02	
Benzene	ug/L	ND	0.50	09/29/17 12:02	
Bromobenzene	ug/L	ND	0.50	09/29/17 12:02	
Bromochloromethane	ug/L	ND	1.0	09/29/17 12:02	
Bromodichloromethane	ug/L	ND	0.50	09/29/17 12:02	
Bromoform	ug/L	ND	4.0	09/29/17 12:02	
Bromomethane	ug/L	ND	4.0	09/29/17 12:02	
Carbon tetrachloride	ug/L	ND	0.50	09/29/17 12:02	
Chlorobenzene	ug/L	ND	0.50	09/29/17 12:02	
Chloroethane	ug/L	ND	1.0	09/29/17 12:02	
Chloroform	ug/L	ND	1.0	09/29/17 12:02	
Chloromethane	ug/L	ND	4.0	09/29/17 12:02	
cis-1,2-Dichloroethene	ug/L	ND	0.50	09/29/17 12:02	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

PACE Project No.: 10404488

METHOD BLANK: 2716395

Matrix: Water

Associated Lab Samples: 10404488001, 10404488002, 10404488003, 10404488004, 10404488005, 10404488006, 10404488007, 10404488008, 10404488028, 10404488032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	09/29/17 12:02	
Dibromochloromethane	ug/L	ND	0.50	09/29/17 12:02	
Dibromomethane	ug/L	ND	1.0	09/29/17 12:02	
Dichlorodifluoromethane	ug/L	ND	1.0	09/29/17 12:02	
Dichlorofluoromethane	ug/L	ND	1.0	09/29/17 12:02	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	09/29/17 12:02	
Ethylbenzene	ug/L	ND	0.50	09/29/17 12:02	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/29/17 12:02	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	09/29/17 12:02	
m&p-Xylene	ug/L	ND	1.0	09/29/17 12:02	
Methyl-tert-butyl ether	ug/L	ND	0.50	09/29/17 12:02	
Methylene Chloride	ug/L	ND	4.0	09/29/17 12:02	
n-Butylbenzene	ug/L	ND	0.50	09/29/17 12:02	
n-Propylbenzene	ug/L	ND	0.50	09/29/17 12:02	
Naphthalene	ug/L	ND	1.0	09/29/17 12:02	
o-Xylene	ug/L	ND	0.50	09/29/17 12:02	
p-Isopropyltoluene	ug/L	ND	0.50	09/29/17 12:02	
sec-Butylbenzene	ug/L	ND	0.50	09/29/17 12:02	
Styrene	ug/L	ND	0.50	09/29/17 12:02	
tert-Butylbenzene	ug/L	ND	0.50	09/29/17 12:02	
Tetrachloroethene	ug/L	ND	0.50	09/29/17 12:02	
Tetrahydrofuran	ug/L	ND	10.0	09/29/17 12:02	
Toluene	ug/L	ND	0.50	09/29/17 12:02	
trans-1,2-Dichloroethene	ug/L	ND	0.50	09/29/17 12:02	
trans-1,3-Dichloropropene	ug/L	ND	0.50	09/29/17 12:02	
Trichloroethene	ug/L	ND	0.40	09/29/17 12:02	
Trichlorofluoromethane	ug/L	ND	0.50	09/29/17 12:02	
Vinyl chloride	ug/L	ND	0.20	09/29/17 12:02	
Xylene (Total)	ug/L	ND	1.5	09/29/17 12:02	
1,2-Dichloroethane-d4 (S)	%	106	75-137	09/29/17 12:02	
4-Bromofluorobenzene (S)	%	101	75-125	09/29/17 12:02	
Toluene-d8 (S)	%	104	75-125	09/29/17 12:02	

LABORATORY CONTROL SAMPLE: 2716396

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.2	101	75-136	
1,1,1-Trichloroethane	ug/L	20	20.7	104	75-129	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	71-138	
1,1,2-Trichloroethane	ug/L	20	21.6	108	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	20.0	100	69-126	
1,1-Dichloroethane	ug/L	20	20.6	103	75-125	
1,1-Dichloroethene	ug/L	20	19.9	99	75-125	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

LABORATORY CONTROL SAMPLE: 2716396

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloropropene	ug/L	20	19.7	99	75-125	
1,2,3-Trichlorobenzene	ug/L	20	20.9	104	75-125	
1,2,3-Trichloropropane	ug/L	20	21.1	105	75-125	
1,2,4-Trichlorobenzene	ug/L	20	18.7	93	75-125	
1,2,4-Trimethylbenzene	ug/L	20	21.8	109	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	46.2	92	71-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.2	106	75-125	
1,2-Dichlorobenzene	ug/L	20	21.0	105	75-125	
1,2-Dichloroethane	ug/L	20	19.4	97	70-125	
1,2-Dichloropropane	ug/L	20	20.1	100	75-125	
1,3,5-Trimethylbenzene	ug/L	20	22.0	110	75-125	
1,3-Dichlorobenzene	ug/L	20	21.4	107	75-125	
1,3-Dichloropropane	ug/L	20	21.0	105	75-125	
1,4-Dichlorobenzene	ug/L	20	21.1	105	75-125	
2,2-Dichloropropane	ug/L	20	21.0	105	70-131	
2-Butanone (MEK)	ug/L	100	96.7	97	69-125	
2-Chlorotoluene	ug/L	20	21.6	108	75-125	
4-Chlorotoluene	ug/L	20	21.9	110	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	73-125	
Acetone	ug/L	100	125	125	66-126	
Allyl chloride	ug/L	20	19.6	98	71-125	
Benzene	ug/L	20	19.9	100	75-125	
Bromobenzene	ug/L	20	21.3	107	75-125	
Bromochloromethane	ug/L	20	20.9	104	75-126	
Bromodichloromethane	ug/L	20	20.0	100	75-133	
Bromoform	ug/L	20	17.4	87	62-142	
Bromomethane	ug/L	20	15.0	75	34-143	
Carbon tetrachloride	ug/L	20	20.6	103	71-145	
Chlorobenzene	ug/L	20	20.8	104	75-125	
Chloroethane	ug/L	20	21.5	108	75-125	
Chloroform	ug/L	20	19.7	98	75-125	
Chloromethane	ug/L	20	19.2	96	54-125	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	75-125	
cis-1,3-Dichloropropene	ug/L	20	19.6	98	75-125	
Dibromochloromethane	ug/L	20	20.0	100	74-141	
Dibromomethane	ug/L	20	20.1	101	75-125	
Dichlorodifluoromethane	ug/L	20	19.5	97	59-130	
Dichlorofluoromethane	ug/L	20	20.3	102	75-125	
Diethyl ether (Ethyl ether)	ug/L	20	20.6	103	75-125	
Ethylbenzene	ug/L	20	21.0	105	75-125	
Hexachloro-1,3-butadiene	ug/L	20	19.6	98	75-131	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	75-125	
m&p-Xylene	ug/L	40	42.4	106	75-125	
Methyl-tert-butyl ether	ug/L	20	20.2	101	75-125	
Methylene Chloride	ug/L	20	19.2	96	73-125	
n-Butylbenzene	ug/L	20	20.9	105	75-125	
n-Propylbenzene	ug/L	20	21.5	108	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

LABORATORY CONTROL SAMPLE: 2716396

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	20	18.5	92	74-125	
o-Xylene	ug/L	20	20.6	103	75-125	
p-Isopropyltoluene	ug/L	20	20.5	103	75-125	
sec-Butylbenzene	ug/L	20	21.4	107	75-125	
Styrene	ug/L	20	19.2	96	75-125	
tert-Butylbenzene	ug/L	20	21.5	107	75-125	
Tetrachloroethene	ug/L	20	20.9	104	75-125	
Tetrahydrofuran	ug/L	200	256	128	65-127	L3
Toluene	ug/L	20	20.3	102	75-125	
trans-1,2-Dichloroethene	ug/L	20	19.5	98	75-125	
trans-1,3-Dichloropropene	ug/L	20	19.6	98	75-125	
Trichloroethene	ug/L	20	20.5	103	75-125	
Trichlorofluoromethane	ug/L	20	21.1	106	71-140	
Vinyl chloride	ug/L	20	20.9	105	70-125	
Xylene (Total)	ug/L	60	63.0	105	75-125	
1,2-Dichloroethane-d4 (S)	%			106	75-137	
4-Bromofluorobenzene (S)	%			99	75-125	
Toluene-d8 (S)	%			105	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2716397 2716398

Parameter	Units	10403967001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.1	20.0	101	100	75-137	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.7	20.3	103	102	75-139	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.5	19.8	103	99	60-142	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.3	20.6	102	103	75-128	1	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	22.2	21.8	111	109	62-150	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.9	19.6	99	98	70-129	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.4	20.5	102	102	67-141	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.6	20.0	103	100	64-144	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.6	20.9	113	105	66-139	8	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.4	19.5	102	98	69-134	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.9	18.5	99	92	65-138	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.9	20.4	105	102	65-143	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	47.3	47.3	95	95	61-134	0	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.2	19.7	101	99	74-129	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.8	19.4	104	97	68-135	7	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.3	17.5	91	87	73-125	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	19.1	18.7	96	94	64-130	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.5	20.8	108	104	64-146	4	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.9	20.1	104	101	69-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.1	19.9	101	99	67-128	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	19.6	103	98	66-134	5	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2716397 2716398											
Parameter	Units	10403967001		MS	MSD	MS		MSD	% Rec		Max
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD
2,2-Dichloropropane	ug/L	ND	20	20	20.7	20.3	104	102	50-150	2	30
2-Butanone (MEK)	ug/L	ND	100	100	87.9	86.9	88	87	58-125	1	30
2-Chlorotoluene	ug/L	ND	20	20	20.6	20.2	103	101	65-138	2	30
4-Chlorotoluene	ug/L	ND	20	20	21.7	20.7	108	103	68-135	5	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	104	104	104	104	61-130	0	30
Acetone	ug/L	ND	100	100	125	126	125	126	51-140	1	30
Allyl chloride	ug/L	ND	20	20	19.1	18.9	95	94	61-125	1	30
Benzene	ug/L	ND	20	20	19.4	18.9	97	94	63-132	3	30
Bromobenzene	ug/L	ND	20	20	20.7	20.0	103	100	67-138	3	30
Bromochloromethane	ug/L	ND	20	20	19.0	18.6	95	93	66-138	2	30
Bromodichloromethane	ug/L	ND	20	20	19.3	18.7	97	94	75-137	3	30
Bromoform	ug/L	ND	20	20	17.3	17.2	87	86	65-129	1	30
Bromomethane	ug/L	ND	20	20	16.2	19.0	81	95	41-150	16	30
Carbon tetrachloride	ug/L	ND	20	20	21.1	20.4	106	102	75-150	3	30
Chlorobenzene	ug/L	ND	20	20	20.1	19.5	100	97	73-127	3	30
Chloroethane	ug/L	ND	20	20	20.9	21.1	104	106	74-138	1	30
Chloroform	ug/L	ND	20	20	18.7	17.6	94	88	74-125	6	30
Chloromethane	ug/L	ND	20	20	18.1	18.4	91	92	58-129	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.5	19.0	98	95	63-135	3	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.8	17.6	89	88	66-129	2	30
Dibromochloromethane	ug/L	ND	20	20	19.3	18.7	96	94	75-133	3	30
Dibromomethane	ug/L	ND	20	20	19.1	18.6	95	93	68-134	3	30
Dichlorodifluoromethane	ug/L	ND	20	20	21.8	22.1	109	111	72-150	1	30
Dichlorofluoromethane	ug/L	ND	20	20	19.8	20.2	99	101	75-129	2	30
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	19.4	18.7	97	94	73-125	3	30
Ethylbenzene	ug/L	ND	20	20	20.6	20.5	103	103	72-130	0	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.0	22.7	115	113	71-150	1	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.3	19.9	102	100	70-136	2	30
m&p-Xylene	ug/L	ND	40	40	41.6	40.7	104	102	64-142	2	30
Methyl-tert-butyl ether	ug/L	ND	20	20	18.7	18.6	93	93	72-125	0	30
Methylene Chloride	ug/L	ND	20	20	18.4	17.8	92	89	60-132	3	30
n-Butylbenzene	ug/L	ND	20	20	21.8	21.0	109	105	60-150	4	30
n-Propylbenzene	ug/L	ND	20	20	21.8	20.6	109	103	63-142	6	30
Naphthalene	ug/L	ND	20	20	18.5	18.0	92	90	67-125	2	30
o-Xylene	ug/L	ND	20	20	20.4	19.6	102	98	60-143	4	30
p-Isopropyltoluene	ug/L	ND	20	20	20.4	19.7	102	99	64-146	3	30
sec-Butylbenzene	ug/L	ND	20	20	22.0	20.9	110	105	67-144	5	30
Styrene	ug/L	ND	20	20	18.3	18.0	91	90	67-136	1	30
tert-Butylbenzene	ug/L	ND	20	20	21.5	20.5	107	102	68-135	5	30
Tetrachloroethene	ug/L	ND	20	20	20.7	20.0	104	100	67-148	4	30
Tetrahydrofuran	ug/L	ND	200	200	256	240	128	120	51-141	6	30
Toluene	ug/L	ND	20	20	20.0	19.4	100	97	61-140	3	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.3	19.2	97	96	62-138	1	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.9	18.5	95	92	67-134	2	30
Trichloroethene	ug/L	ND	20	20	20.2	19.9	101	99	64-149	2	30

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2716397 2716398												
Parameter	Units	10403967001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Trichlorofluoromethane	ug/L	ND	20	20	22.4	23.1	112	116	75-150	3	30	
Vinyl chloride	ug/L	ND	20	20	21.3	21.9	107	109	75-133	3	30	
Xylene (Total)	ug/L	ND	60	60	62.1	60.3	103	101	63-142	3	30	
1,2-Dichloroethane-d4 (S)	%.						102	103	75-137			
4-Bromofluorobenzene (S)	%.						100	99	75-125			
Toluene-d8 (S)	%.						105	104	75-125			

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

QC Batch:	500081	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10404488009, 10404488010, 10404488011, 10404488012, 10404488013, 10404488014, 10404488015, 10404488016, 10404488017, 10404488018		

METHOD BLANK: 2719023

Matrix: Water

Associated Lab Samples: 10404488009, 10404488010, 10404488011, 10404488012, 10404488013, 10404488014, 10404488015, 10404488016, 10404488017, 10404488018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	10/02/17 23:11	
1,1,1-Trichloroethane	ug/L	ND	0.50	10/02/17 23:11	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	10/02/17 23:11	
1,1,2-Trichloroethane	ug/L	ND	0.50	10/02/17 23:11	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	10/02/17 23:11	
1,1-Dichloroethane	ug/L	ND	0.50	10/02/17 23:11	
1,1-Dichloroethene	ug/L	ND	0.50	10/02/17 23:11	
1,1-Dichloropropene	ug/L	ND	0.50	10/02/17 23:11	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	10/02/17 23:11	
1,2,3-Trichloropropane	ug/L	ND	4.0	10/02/17 23:11	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	10/02/17 23:11	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	10/02/17 23:11	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	10/02/17 23:11	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	10/02/17 23:11	
1,2-Dichlorobenzene	ug/L	ND	0.50	10/02/17 23:11	
1,2-Dichloroethane	ug/L	ND	0.50	10/02/17 23:11	
1,2-Dichloropropane	ug/L	ND	4.0	10/02/17 23:11	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	10/02/17 23:11	
1,3-Dichlorobenzene	ug/L	ND	0.50	10/02/17 23:11	
1,3-Dichloropropane	ug/L	ND	0.50	10/02/17 23:11	
1,4-Dichlorobenzene	ug/L	ND	0.50	10/02/17 23:11	
2,2-Dichloropropane	ug/L	ND	1.0	10/02/17 23:11	
2-Butanone (MEK)	ug/L	ND	5.0	10/02/17 23:11	
2-Chlorotoluene	ug/L	ND	0.50	10/02/17 23:11	
4-Chlorotoluene	ug/L	ND	0.50	10/02/17 23:11	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/02/17 23:11	
Acetone	ug/L	ND	20.0	10/02/17 23:11	
Allyl chloride	ug/L	ND	4.0	10/02/17 23:11	
Benzene	ug/L	ND	0.50	10/02/17 23:11	
Bromobenzene	ug/L	ND	0.50	10/02/17 23:11	
Bromochloromethane	ug/L	ND	1.0	10/02/17 23:11	
Bromodichloromethane	ug/L	ND	0.50	10/02/17 23:11	
Bromoform	ug/L	ND	4.0	10/02/17 23:11	
Bromomethane	ug/L	ND	4.0	10/02/17 23:11	
Carbon tetrachloride	ug/L	ND	0.50	10/02/17 23:11	
Chlorobenzene	ug/L	ND	0.50	10/02/17 23:11	
Chloroethane	ug/L	ND	1.0	10/02/17 23:11	
Chloroform	ug/L	ND	1.0	10/02/17 23:11	
Chloromethane	ug/L	ND	4.0	10/02/17 23:11	
cis-1,2-Dichloroethene	ug/L	ND	0.50	10/02/17 23:11	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

METHOD BLANK: 2719023

Matrix: Water

Associated Lab Samples: 10404488009, 10404488010, 10404488011, 10404488012, 10404488013, 10404488014, 10404488015, 10404488016, 10404488017, 10404488018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	10/02/17 23:11	
Dibromochloromethane	ug/L	ND	0.50	10/02/17 23:11	
Dibromomethane	ug/L	ND	1.0	10/02/17 23:11	
Dichlorodifluoromethane	ug/L	ND	1.0	10/02/17 23:11	
Dichlorofluoromethane	ug/L	ND	1.0	10/02/17 23:11	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	10/02/17 23:11	
Ethylbenzene	ug/L	ND	0.50	10/02/17 23:11	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	10/02/17 23:11	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	10/02/17 23:11	
m&p-Xylene	ug/L	ND	1.0	10/02/17 23:11	
Methyl-tert-butyl ether	ug/L	ND	0.50	10/02/17 23:11	
Methylene Chloride	ug/L	ND	4.0	10/02/17 23:11	
n-Butylbenzene	ug/L	ND	0.50	10/02/17 23:11	
n-Propylbenzene	ug/L	ND	0.50	10/02/17 23:11	
Naphthalene	ug/L	ND	1.0	10/02/17 23:11	
o-Xylene	ug/L	ND	0.50	10/02/17 23:11	
p-Isopropyltoluene	ug/L	ND	0.50	10/02/17 23:11	
sec-Butylbenzene	ug/L	ND	0.50	10/02/17 23:11	
Styrene	ug/L	ND	0.50	10/02/17 23:11	
tert-Butylbenzene	ug/L	ND	0.50	10/02/17 23:11	
Tetrachloroethene	ug/L	ND	0.50	10/02/17 23:11	
Tetrahydrofuran	ug/L	ND	10.0	10/02/17 23:11	
Toluene	ug/L	ND	0.50	10/02/17 23:11	
trans-1,2-Dichloroethene	ug/L	ND	0.50	10/02/17 23:11	
trans-1,3-Dichloropropene	ug/L	ND	0.50	10/02/17 23:11	
Trichloroethene	ug/L	ND	0.40	10/02/17 23:11	
Trichlorofluoromethane	ug/L	ND	0.50	10/02/17 23:11	
Vinyl chloride	ug/L	ND	0.20	10/02/17 23:11	
Xylene (Total)	ug/L	ND	1.5	10/02/17 23:11	
1,2-Dichloroethane-d4 (S)	%	104	75-137	10/02/17 23:11	
4-Bromofluorobenzene (S)	%	98	75-125	10/02/17 23:11	
Toluene-d8 (S)	%	102	75-125	10/02/17 23:11	

LABORATORY CONTROL SAMPLE & LCSD: 2719024

2719025

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.9	20.1	105	101	75-136	4	30	
1,1,1-Trichloroethane	ug/L	20	20.1	18.9	100	95	75-129	6	30	
1,1,2,2-Tetrachloroethane	ug/L	20	22.2	22.2	111	111	71-138	0	30	
1,1,2-Trichloroethane	ug/L	20	20.7	20.4	104	102	75-125	2	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.6	18.7	98	94	69-126	5	30	
1,1-Dichloroethane	ug/L	20	20.2	19.2	101	96	75-125	5	30	
1,1-Dichloroethene	ug/L	20	19.5	19.1	97	96	75-125	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

LABORATORY CONTROL SAMPLE & LCSD: 2719024			2719025							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	20	18.8	18.4	94	92	75-125	2	30	
1,2,3-Trichlorobenzene	ug/L	20	21.5	21.9	107	110	75-125	2	30	
1,2,3-Trichloropropane	ug/L	20	21.5	20.8	107	104	75-125	3	30	
1,2,4-Trichlorobenzene	ug/L	20	18.9	19.0	94	95	75-125	1	30	
1,2,4-Trimethylbenzene	ug/L	20	20.5	20.4	103	102	75-125	1	30	
1,2-Dibromo-3-chloropropane	ug/L	50	57.5	56.0	115	112	71-130	3	30	
1,2-Dibromoethane (EDB)	ug/L	20	21.5	20.9	107	104	75-125	3	30	
1,2-Dichlorobenzene	ug/L	20	19.9	20.4	99	102	75-125	3	30	
1,2-Dichloroethane	ug/L	20	18.1	17.4	90	87	70-125	4	30	
1,2-Dichloropropane	ug/L	20	18.7	18.0	93	90	75-125	4	30	
1,3,5-Trimethylbenzene	ug/L	20	20.9	20.6	104	103	75-125	1	30	
1,3-Dichlorobenzene	ug/L	20	20.6	20.6	103	103	75-125	0	30	
1,3-Dichloropropane	ug/L	20	20.3	20.3	102	101	75-125	0	30	
1,4-Dichlorobenzene	ug/L	20	20.4	20.3	102	101	75-125	1	30	
2,2-Dichloropropane	ug/L	20	18.5	17.5	93	87	70-131	6	30	
2-Butanone (MEK)	ug/L	100	103	100	103	100	69-125	3	30	
2-Chlorotoluene	ug/L	20	21.0	20.7	105	103	75-125	2	30	
4-Chlorotoluene	ug/L	20	21.2	21.1	106	105	75-125	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	116	114	116	114	73-125	2	30	
Acetone	ug/L	100	126	119	126	119	66-126	6	30	
Allyl chloride	ug/L	20	17.6	17.2	88	86	71-125	2	30	
Benzene	ug/L	20	19.3	18.8	97	94	75-125	3	30	
Bromobenzene	ug/L	20	20.7	20.8	103	104	75-125	0	30	
Bromochloromethane	ug/L	20	19.8	19.5	99	97	75-126	2	30	
Bromodichloromethane	ug/L	20	19.7	19.1	98	96	75-133	3	30	
Bromoform	ug/L	20	18.7	18.9	93	94	62-142	1	30	
Bromomethane	ug/L	20	17.8	20.1	89	100	34-143	12	30	
Carbon tetrachloride	ug/L	20	20.3	19.3	102	97	71-145	5	30	
Chlorobenzene	ug/L	20	20.1	19.6	101	98	75-125	2	30	
Chloroethane	ug/L	20	20.5	19.9	102	99	75-125	3	30	
Chloroform	ug/L	20	19.4	18.7	97	94	75-125	3	30	
Chloromethane	ug/L	20	17.8	17.1	89	85	54-125	4	30	
cis-1,2-Dichloroethene	ug/L	20	20.5	19.0	102	95	75-125	7	30	
cis-1,3-Dichloropropene	ug/L	20	18.2	18.1	91	91	75-125	0	30	
Dibromochloromethane	ug/L	20	19.9	19.7	99	98	74-141	1	30	
Dibromomethane	ug/L	20	20.2	19.6	101	98	75-125	3	30	
Dichlorodifluoromethane	ug/L	20	18.3	17.6	92	88	59-130	4	30	
Dichlorofluoromethane	ug/L	20	19.2	19.0	96	95	75-125	1	30	
Diethyl ether (Ethyl ether)	ug/L	20	19.9	19.7	99	99	75-125	1	30	
Ethylbenzene	ug/L	20	20.3	19.9	102	100	75-125	2	30	
Hexachloro-1,3-butadiene	ug/L	20	19.1	20.4	95	102	75-131	7	30	
Isopropylbenzene (Cumene)	ug/L	20	19.8	19.8	99	99	75-125	0	30	
m&p-Xylene	ug/L	40	41.3	40.2	103	101	75-125	3	30	
Methyl-tert-butyl ether	ug/L	20	19.3	18.9	97	94	75-125	2	30	
Methylene Chloride	ug/L	20	18.9	18.6	95	93	73-125	2	30	
n-Butylbenzene	ug/L	20	19.4	19.7	97	99	75-125	2	30	
n-Propylbenzene	ug/L	20	21.6	21.1	108	105	75-125	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

LABORATORY CONTROL SAMPLE & LCSD: 2719024			2719025							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	20	19.4	20.1	97	100	74-125	3	30	
o-Xylene	ug/L	20	20.0	19.0	100	95	75-125	5	30	
p-Isopropyltoluene	ug/L	20	19.7	19.3	98	97	75-125	2	30	
sec-Butylbenzene	ug/L	20	20.1	20.2	100	101	75-125	1	30	
Styrene	ug/L	20	18.1	18.3	90	92	75-125	1	30	
tert-Butylbenzene	ug/L	20	20.5	20.6	102	103	75-125	0	30	
Tetrachloroethene	ug/L	20	20.6	20.1	103	100	75-125	3	30	
Tetrahydrofuran	ug/L	200	244	246	122	123	65-127	1	30	
Toluene	ug/L	20	19.6	19.1	98	95	75-125	3	30	
trans-1,2-Dichloroethene	ug/L	20	19.6	18.7	98	93	75-125	5	30	
trans-1,3-Dichloropropene	ug/L	20	18.5	19.0	92	95	75-125	3	30	
Trichloroethene	ug/L	20	20.6	20.2	103	101	75-125	2	30	
Trichlorofluoromethane	ug/L	20	20.9	20.0	105	100	71-140	4	30	
Vinyl chloride	ug/L	20	19.6	18.8	98	94	70-125	5	30	
Xylene (Total)	ug/L	60	61.3	59.2	102	99	75-125	4	30	
1,2-Dichloroethane-d4 (S)	%				100	99	75-137			
4-Bromofluorobenzene (S)	%				98	99	75-125			
Toluene-d8 (S)	%				101	99	75-125			

MATRIX SPIKE SAMPLE: 2719026		10405436001	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Parameter	Units	Result					
1,1,1,2-Tetrachloroethane	ug/L	<0.14	20	18.7	93	75-137	
1,1,1-Trichloroethane	ug/L	<0.15	20	18.4	92	75-139	
1,1,2,2-Tetrachloroethane	ug/L	<0.19	20	19.8	99	60-142	
1,1,2-Trichloroethane	ug/L	<0.22	20	18.7	93	75-128	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.28	20	19.7	98	62-150	
1,1-Dichloroethane	ug/L	<0.14	20	17.7	89	70-129	
1,1-Dichloroethene	ug/L	<0.18	20	18.6	93	67-141	
1,1-Dichloropropene	ug/L	<0.18	20	17.7	88	64-144	
1,2,3-Trichlorobenzene	ug/L	<0.14	20	20.3	102	66-139	
1,2,3-Trichloropropane	ug/L	<0.66	20	19.4	97	69-134	
1,2,4-Trichlorobenzene	ug/L	<0.18	20	18.2	91	65-138	
1,2,4-Trimethylbenzene	ug/L	<0.098	20	18.4	92	65-143	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	49.7	99	61-134	
1,2-Dibromoethane (EDB)	ug/L	<0.17	20	19.2	96	74-129	
1,2-Dichlorobenzene	ug/L	<0.21	20	18.3	92	68-135	
1,2-Dichloroethane	ug/L	<0.15	20	16.1	81	73-125	
1,2-Dichloropropane	ug/L	<0.62	20	16.7	84	64-130	
1,3,5-Trimethylbenzene	ug/L	<0.18	20	19.1	95	64-146	
1,3-Dichlorobenzene	ug/L	<0.16	20	18.7	94	69-135	
1,3-Dichloropropane	ug/L	<0.13	20	18.0	90	67-128	
1,4-Dichlorobenzene	ug/L	<0.10	20	18.5	92	66-134	
2,2-Dichloropropane	ug/L	<0.40	20	17.0	85	50-150	
2-Butanone (MEK)	ug/L	<2.4	100	86.9	87	58-125	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

MATRIX SPIKE SAMPLE:		2719026	10405436001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
2-Chlorotoluene	ug/L	<0.20	20	18.6	93	65-138		
4-Chlorotoluene	ug/L	<0.13	20	19.3	96	68-135		
4-Methyl-2-pentanone (MIBK)	ug/L	<0.55	100	102	102	61-130		
Acetone	ug/L	26.2	100	151	125	51-140		
Allyl chloride	ug/L	<1.0	20	16.4	82	61-125		
Benzene	ug/L	<0.13	20	17.8	89	63-132		
Bromobenzene	ug/L	<0.16	20	19.0	95	67-138		
Bromochloromethane	ug/L	<0.38	20	17.6	88	66-138		
Bromodichloromethane	ug/L	<0.20	20	17.9	89	75-137		
Bromoform	ug/L	<1.0	20	17.4	87	65-129		
Bromomethane	ug/L	<1.5	20	19.9	99	41-150		
Carbon tetrachloride	ug/L	<0.20	20	18.9	95	75-150		
Chlorobenzene	ug/L	<0.14	20	18.3	91	73-127		
Chloroethane	ug/L	<0.44	20	20.0	100	74-138		
Chloroform	ug/L	<0.46	20	17.3	87	74-125		
Chloromethane	ug/L	<1.1	20	17.6	88	58-129		
cis-1,2-Dichloroethene	ug/L	<0.20	20	18.7	94	63-135		
cis-1,3-Dichloropropene	ug/L	<0.12	20	15.8	79	66-129		
Dibromochloromethane	ug/L	<0.13	20	18.7	93	75-133		
Dibromomethane	ug/L	<0.50	20	18.2	91	68-134		
Dichlorodifluoromethane	ug/L	<0.31	20	20.3	101	72-150		
Dichlorofluoromethane	ug/L	<0.38	20	19.3	97	75-129		
Diethyl ether (Ethyl ether)	ug/L	<1.3	20	17.2	86	73-125		
Ethylbenzene	ug/L	<0.14	20	18.8	94	72-130		
Hexachloro-1,3-butadiene	ug/L	<0.48	20	20.0	100	71-150		
Isopropylbenzene (Cumene)	ug/L	<0.14	20	18.4	92	70-136		
m&p-Xylene	ug/L	<0.24	40	37.3	93	64-142		
Methyl-tert-butyl ether	ug/L	<0.14	20	17.0	85	72-125		
Methylene Chloride	ug/L	<1.2	20	17.0	85	60-132		
n-Butylbenzene	ug/L	<0.13	20	18.5	92	60-150		
n-Propylbenzene	ug/L	<0.12	20	19.4	97	63-142		
Naphthalene	ug/L	<0.42	20	17.9	90	67-125		
o-Xylene	ug/L	<0.11	20	18.5	93	60-143		
p-Isopropyltoluene	ug/L	<0.14	20	17.9	89	64-146		
sec-Butylbenzene	ug/L	<0.12	20	18.7	93	67-144		
Styrene	ug/L	<0.14	20	16.2	81	67-136		
tert-Butylbenzene	ug/L	<0.15	20	18.7	94	68-135		
Tetrachloroethene	ug/L	<0.16	20	18.9	95	67-148		
Tetrahydrofuran	ug/L	<4.3	200	251	126	51-141		
Toluene	ug/L	<0.17	20	17.8	89	61-140		
trans-1,2-Dichloroethene	ug/L	<0.21	20	17.8	89	62-138		
trans-1,3-Dichloropropene	ug/L	<0.14	20	16.8	84	67-134		
Trichloroethene	ug/L	<0.18	20	18.5	93	64-149		
Trichlorofluoromethane	ug/L	<0.13	20	21.9	110	75-150		
Vinyl chloride	ug/L	<0.096	20	20.0	100	75-133		
Xylene (Total)	ug/L	<0.24	60	55.8	93	63-142		
1,2-Dichloroethane-d4 (S)	%				99	75-137		

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

MATRIX SPIKE SAMPLE: 2719026		10405436001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
4-Bromofluorobenzene (S)	%.				101	75-125	
Toluene-d8 (S)	%.				100	75-125	

SAMPLE DUPLICATE: 2719029

Parameter	Units	10404438001	Dup	RPD	Max	
		Result	Result		RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.14	ND		30	
1,1,1-Trichloroethane	ug/L	<0.15	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	<0.19	ND		30	
1,1,2-Trichloroethane	ug/L	<0.22	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.28	ND		30	
1,1-Dichloroethane	ug/L	<0.14	ND		30	
1,1-Dichloroethene	ug/L	<0.18	ND		30	
1,1-Dichloropropene	ug/L	<0.18	ND		30	
1,2,3-Trichlorobenzene	ug/L	<0.14	ND		30	
1,2,3-Trichloropropane	ug/L	<0.66	ND		30	
1,2,4-Trichlorobenzene	ug/L	<0.18	ND		30	
1,2,4-Trimethylbenzene	ug/L	<0.098	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	ND		30	
1,2-Dibromoethane (EDB)	ug/L	<0.17	ND		30	
1,2-Dichlorobenzene	ug/L	<0.21	ND		30	
1,2-Dichloroethane	ug/L	<0.15	ND		30	
1,2-Dichloropropane	ug/L	<0.62	ND		30	
1,3,5-Trimethylbenzene	ug/L	<0.18	ND		30	
1,3-Dichlorobenzene	ug/L	<0.16	ND		30	
1,3-Dichloropropane	ug/L	<0.13	ND		30	
1,4-Dichlorobenzene	ug/L	<0.10	ND		30	
2,2-Dichloropropane	ug/L	<0.40	ND		30	
2-Butanone (MEK)	ug/L	<2.4	ND		30	
2-Chlorotoluene	ug/L	<0.20	ND		30	
4-Chlorotoluene	ug/L	<0.13	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.55	ND		30	
Acetone	ug/L	<8.8	ND		30	
Allyl chloride	ug/L	<1.0	ND		30	
Benzene	ug/L	<0.13	ND		30	
Bromobenzene	ug/L	<0.16	ND		30	
Bromochloromethane	ug/L	<0.38	ND		30	
Bromodichloromethane	ug/L	<0.20	ND		30	
Bromoform	ug/L	<1.0	ND		30	
Bromomethane	ug/L	<1.5	ND		30	
Carbon tetrachloride	ug/L	<0.20	ND		30	
Chlorobenzene	ug/L	<0.14	ND		30	
Chloroethane	ug/L	<0.44	ND		30	
Chloroform	ug/L	<0.46	ND		30	
Chloromethane	ug/L	<1.1	ND		30	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

SAMPLE DUPLICATE: 2719029

Parameter	Units	10404438001 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/L	0.48J	.43J		30	
cis-1,3-Dichloropropene	ug/L	<0.12	ND		30	
Dibromochloromethane	ug/L	<0.13	ND		30	
Dibromomethane	ug/L	<0.50	ND		30	
Dichlorodifluoromethane	ug/L	<0.31	ND		30	
Dichlorofluoromethane	ug/L	<0.38	ND		30	
Diethyl ether (Ethyl ether)	ug/L	<1.3	ND		30	
Ethylbenzene	ug/L	<0.14	ND		30	
Hexachloro-1,3-butadiene	ug/L	<0.48	ND		30	
Isopropylbenzene (Cumene)	ug/L	<0.14	ND		30	
m&p-Xylene	ug/L	<0.24	ND		30	
Methyl-tert-butyl ether	ug/L	<0.14	ND		30	
Methylene Chloride	ug/L	<1.2	ND		30	
n-Butylbenzene	ug/L	<0.13	ND		30	
n-Propylbenzene	ug/L	<0.12	ND		30	
Naphthalene	ug/L	<0.42	ND		30	
o-Xylene	ug/L	<0.11	ND		30	
p-Isopropyltoluene	ug/L	<0.14	ND		30	
sec-Butylbenzene	ug/L	<0.12	ND		30	
Styrene	ug/L	<0.14	ND		30	
tert-Butylbenzene	ug/L	<0.15	ND		30	
Tetrachloroethene	ug/L	0.73	0.73	0	30	
Tetrahydrofuran	ug/L	<4.3	ND		30	
Toluene	ug/L	<0.17	ND		30	
trans-1,2-Dichloroethene	ug/L	<0.21	ND		30	
trans-1,3-Dichloropropene	ug/L	<0.14	ND		30	
Trichloroethene	ug/L	<0.18	ND		30	
Trichlorofluoromethane	ug/L	<0.13	ND		30	
Vinyl chloride	ug/L	<0.096	ND		30	
Xylene (Total)	ug/L	<0.24	ND		30	
1,2-Dichloroethane-d4 (S)	%.	106	102	4		
4-Bromofluorobenzene (S)	%.	104	100	3		
Toluene-d8 (S)	%.	101	102	1		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

QC Batch:	500222	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10404488019, 10404488020, 10404488021, 10404488022, 10404488023, 10404488024, 10404488025, 10404488026, 10404488027, 10404488029, 10404488031		

METHOD BLANK:	2719450	Matrix:	Water
Associated Lab Samples:	10404488019, 10404488020, 10404488021, 10404488022, 10404488023, 10404488024, 10404488025, 10404488026, 10404488027, 10404488029, 10404488031		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	10/03/17 12:31	
1,1,1-Trichloroethane	ug/L	ND	0.50	10/03/17 12:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	10/03/17 12:31	
1,1,2-Trichloroethane	ug/L	ND	0.50	10/03/17 12:31	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	10/03/17 12:31	
1,1-Dichloroethane	ug/L	ND	0.50	10/03/17 12:31	
1,1-Dichloroethene	ug/L	ND	0.50	10/03/17 12:31	
1,1-Dichloropropene	ug/L	ND	0.50	10/03/17 12:31	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	10/03/17 12:31	
1,2,3-Trichloropropane	ug/L	ND	4.0	10/03/17 12:31	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	10/03/17 12:31	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	10/03/17 12:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	10/03/17 12:31	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	10/03/17 12:31	
1,2-Dichlorobenzene	ug/L	ND	0.50	10/03/17 12:31	
1,2-Dichloroethane	ug/L	ND	0.50	10/03/17 12:31	
1,2-Dichloropropane	ug/L	ND	4.0	10/03/17 12:31	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	10/03/17 12:31	
1,3-Dichlorobenzene	ug/L	ND	0.50	10/03/17 12:31	
1,3-Dichloropropane	ug/L	ND	0.50	10/03/17 12:31	
1,4-Dichlorobenzene	ug/L	ND	0.50	10/03/17 12:31	
2,2-Dichloropropane	ug/L	ND	1.0	10/03/17 12:31	
2-Butanone (MEK)	ug/L	ND	5.0	10/03/17 12:31	
2-Chlorotoluene	ug/L	ND	0.50	10/03/17 12:31	
4-Chlorotoluene	ug/L	ND	0.50	10/03/17 12:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/03/17 12:31	
Acetone	ug/L	ND	20.0	10/03/17 12:31	
Allyl chloride	ug/L	ND	4.0	10/03/17 12:31	
Benzene	ug/L	ND	0.50	10/03/17 12:31	
Bromobenzene	ug/L	ND	0.50	10/03/17 12:31	
Bromochloromethane	ug/L	ND	1.0	10/03/17 12:31	
Bromodichloromethane	ug/L	ND	0.50	10/03/17 12:31	
Bromoform	ug/L	ND	4.0	10/03/17 12:31	
Bromomethane	ug/L	ND	4.0	10/03/17 12:31	
Carbon tetrachloride	ug/L	ND	0.50	10/03/17 12:31	
Chlorobenzene	ug/L	ND	0.50	10/03/17 12:31	
Chloroethane	ug/L	ND	1.0	10/03/17 12:31	
Chloroform	ug/L	ND	1.0	10/03/17 12:31	
Chloromethane	ug/L	ND	4.0	10/03/17 12:31	
cis-1,2-Dichloroethene	ug/L	ND	0.50	10/03/17 12:31	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

PACE Project No.: 10404488

METHOD BLANK: 2719450

Matrix: Water

Associated Lab Samples: 10404488019, 10404488020, 10404488021, 10404488022, 10404488023, 10404488024, 10404488025, 10404488026, 10404488027, 10404488029, 10404488031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	0.50	10/03/17 12:31	
Dibromochloromethane	ug/L	ND	0.50	10/03/17 12:31	
Dibromomethane	ug/L	ND	1.0	10/03/17 12:31	
Dichlorodifluoromethane	ug/L	ND	1.0	10/03/17 12:31	
Dichlorofluoromethane	ug/L	ND	1.0	10/03/17 12:31	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	10/03/17 12:31	
Ethylbenzene	ug/L	ND	0.50	10/03/17 12:31	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	10/03/17 12:31	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	10/03/17 12:31	
m&p-Xylene	ug/L	ND	1.0	10/03/17 12:31	
Methyl-tert-butyl ether	ug/L	ND	0.50	10/03/17 12:31	
Methylene Chloride	ug/L	ND	4.0	10/03/17 12:31	
n-Butylbenzene	ug/L	ND	0.50	10/03/17 12:31	
n-Propylbenzene	ug/L	ND	0.50	10/03/17 12:31	
Naphthalene	ug/L	ND	1.0	10/03/17 12:31	
o-Xylene	ug/L	ND	0.50	10/03/17 12:31	
p-Isopropyltoluene	ug/L	ND	0.50	10/03/17 12:31	
sec-Butylbenzene	ug/L	ND	0.50	10/03/17 12:31	
Styrene	ug/L	ND	0.50	10/03/17 12:31	
tert-Butylbenzene	ug/L	ND	0.50	10/03/17 12:31	
Tetrachloroethene	ug/L	ND	0.50	10/03/17 12:31	
Tetrahydrofuran	ug/L	ND	10.0	10/03/17 12:31	
Toluene	ug/L	ND	0.50	10/03/17 12:31	
trans-1,2-Dichloroethene	ug/L	ND	0.50	10/03/17 12:31	
trans-1,3-Dichloropropene	ug/L	ND	0.50	10/03/17 12:31	
Trichloroethene	ug/L	ND	0.40	10/03/17 12:31	
Trichlorofluoromethane	ug/L	ND	0.50	10/03/17 12:31	
Vinyl chloride	ug/L	ND	0.20	10/03/17 12:31	
Xylene (Total)	ug/L	ND	1.5	10/03/17 12:31	
1,2-Dichloroethane-d4 (S)	%	100	75-137	10/03/17 12:31	
4-Bromofluorobenzene (S)	%	99	75-125	10/03/17 12:31	
Toluene-d8 (S)	%	100	75-125	10/03/17 12:31	

LABORATORY CONTROL SAMPLE: 2719451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.4	102	75-136	
1,1,1-Trichloroethane	ug/L	20	19.3	96	75-129	
1,1,2,2-Tetrachloroethane	ug/L	20	22.2	111	71-138	
1,1,2-Trichloroethane	ug/L	20	20.8	104	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.6	98	69-126	
1,1-Dichloroethane	ug/L	20	19.7	99	75-125	
1,1-Dichloroethene	ug/L	20	19.6	98	75-125	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

LABORATORY CONTROL SAMPLE: 2719451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloropropene	ug/L	20	18.6	93	75-125	
1,2,3-Trichlorobenzene	ug/L	20	21.8	109	75-125	
1,2,3-Trichloropropane	ug/L	20	21.5	107	75-125	
1,2,4-Trichlorobenzene	ug/L	20	19.2	96	75-125	
1,2,4-Trimethylbenzene	ug/L	20	20.9	105	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	53.0	106	71-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.7	104	75-125	
1,2-Dichlorobenzene	ug/L	20	20.6	103	75-125	
1,2-Dichloroethane	ug/L	20	18.1	90	70-125	
1,2-Dichloropropane	ug/L	20	18.7	93	75-125	
1,3,5-Trimethylbenzene	ug/L	20	21.0	105	75-125	
1,3-Dichlorobenzene	ug/L	20	20.7	104	75-125	
1,3-Dichloropropane	ug/L	20	20.3	102	75-125	
1,4-Dichlorobenzene	ug/L	20	20.6	103	75-125	
2,2-Dichloropropane	ug/L	20	19.7	98	70-131	
2-Butanone (MEK)	ug/L	100	97.7	98	69-125	
2-Chlorotoluene	ug/L	20	20.5	102	75-125	
4-Chlorotoluene	ug/L	20	20.9	105	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	115	115	73-125	
Acetone	ug/L	100	106	106	66-126	
Allyl chloride	ug/L	20	17.8	89	71-125	
Benzene	ug/L	20	19.0	95	75-125	
Bromobenzene	ug/L	20	20.9	105	75-125	
Bromochloromethane	ug/L	20	19.1	96	75-126	
Bromodichloromethane	ug/L	20	19.4	97	75-133	
Bromoform	ug/L	20	18.4	92	62-142	
Bromomethane	ug/L	20	17.7	88	34-143	
Carbon tetrachloride	ug/L	20	19.5	98	71-145	
Chlorobenzene	ug/L	20	19.9	99	75-125	
Chloroethane	ug/L	20	19.8	99	75-125	
Chloroform	ug/L	20	18.5	93	75-125	
Chloromethane	ug/L	20	17.9	89	54-125	
cis-1,2-Dichloroethene	ug/L	20	19.5	98	75-125	
cis-1,3-Dichloropropene	ug/L	20	18.7	93	75-125	
Dibromochloromethane	ug/L	20	20.7	104	74-141	
Dibromomethane	ug/L	20	19.1	95	75-125	
Dichlorodifluoromethane	ug/L	20	17.7	88	59-130	
Dichlorofluoromethane	ug/L	20	19.2	96	75-125	
Diethyl ether (Ethyl ether)	ug/L	20	19.5	98	75-125	
Ethylbenzene	ug/L	20	19.8	99	75-125	
Hexachloro-1,3-butadiene	ug/L	20	21.2	106	75-131	
Isopropylbenzene (Cumene)	ug/L	20	19.5	97	75-125	
m&p-Xylene	ug/L	40	40.7	102	75-125	
Methyl-tert-butyl ether	ug/L	20	19.3	97	75-125	
Methylene Chloride	ug/L	20	18.5	92	73-125	
n-Butylbenzene	ug/L	20	20.3	101	75-125	
n-Propylbenzene	ug/L	20	21.1	106	75-125	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

LABORATORY CONTROL SAMPLE: 2719451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	20	19.5	97	74-125	
o-Xylene	ug/L	20	19.3	97	75-125	
p-Isopropyltoluene	ug/L	20	19.9	100	75-125	
sec-Butylbenzene	ug/L	20	20.3	102	75-125	
Styrene	ug/L	20	18.2	91	75-125	
tert-Butylbenzene	ug/L	20	20.3	102	75-125	
Tetrachloroethene	ug/L	20	20.7	103	75-125	
Tetrahydrofuran	ug/L	200	212	106	65-127	
Toluene	ug/L	20	20.0	100	75-125	
trans-1,2-Dichloroethene	ug/L	20	18.8	94	75-125	
trans-1,3-Dichloropropene	ug/L	20	19.7	99	75-125	
Trichloroethene	ug/L	20	20.0	100	75-125	
Trichlorofluoromethane	ug/L	20	20.5	103	71-140	
Vinyl chloride	ug/L	20	19.7	98	70-125	
Xylene (Total)	ug/L	60	60.0	100	75-125	
1,2-Dichloroethane-d4 (S)	%			101	75-137	
4-Bromofluorobenzene (S)	%			98	75-125	
Toluene-d8 (S)	%			105	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2719452 2719453

Parameter	Units	10404666001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.5	18.9	92	94	75-137	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	18.3	18.4	91	92	75-139	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.1	20.4	100	102	60-142	1	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.7	19.0	93	95	75-128	2	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	20.4	21.1	102	106	62-150	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	18.0	18.2	90	91	70-129	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	18.4	19.1	92	95	67-141	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	18.0	18.0	90	90	64-144	0	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	20.1	103	101	66-139	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.4	19.7	97	98	69-134	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.1	17.6	90	88	65-138	3	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.5	18.6	92	93	65-143	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	49.9	52.0	100	104	61-134	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.1	18.8	95	94	74-129	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.3	18.4	92	92	68-135	0	30	
1,2-Dichloroethane	ug/L	ND	20	20	16.3	16.4	81	82	73-125	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	16.6	17.1	83	85	64-130	3	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.0	19.2	95	96	64-146	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.6	18.9	93	94	69-135	1	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.2	18.8	91	94	67-128	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	66-134	2	30	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2719452 2719453											
Parameter	Units	10404666001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
2,2-Dichloropropane	ug/L	ND	20	20	18.6	18.7	93	93	50-150	0	30
2-Butanone (MEK)	ug/L	ND	100	100	85.2	88.9	85	89	58-125	4	30
2-Chlorotoluene	ug/L	ND	20	20	18.2	18.6	91	93	65-138	2	30
4-Chlorotoluene	ug/L	ND	20	20	18.8	19.1	94	95	68-135	2	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	106	106	106	106	61-130	0	30
Acetone	ug/L	ND	100	100	121	122	121	122	51-140	1	30
Allyl chloride	ug/L	ND	20	20	16.3	16.6	82	83	61-125	2	30
Benzene	ug/L	ND	20	20	17.5	18.1	88	90	63-132	3	30
Bromobenzene	ug/L	ND	20	20	18.3	19.1	91	96	67-138	5	30
Bromochloromethane	ug/L	ND	20	20	17.0	17.3	85	86	66-138	2	30
Bromodichloromethane	ug/L	ND	20	20	17.7	18.2	88	91	75-137	3	30
Bromoform	ug/L	ND	20	20	17.0	17.2	85	86	65-129	1	30
Bromomethane	ug/L	ND	20	20	18.3	19.3	92	97	41-150	5	30
Carbon tetrachloride	ug/L	ND	20	20	19.0	19.1	95	95	75-150	0	30
Chlorobenzene	ug/L	ND	20	20	18.5	18.6	92	93	73-127	1	30
Chloroethane	ug/L	ND	20	20	18.5	19.0	92	95	74-138	3	30
Chloroform	ug/L	ND	20	20	16.7	17.0	84	85	74-125	2	30
Chloromethane	ug/L	ND	20	20	16.0	16.4	80	82	58-129	3	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.0	18.2	90	91	63-135	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	16.0	16.3	80	82	66-129	2	30
Dibromochloromethane	ug/L	ND	20	20	18.8	18.5	94	92	75-133	2	30
Dibromomethane	ug/L	ND	20	20	17.2	18.0	86	90	68-134	5	30
Dichlorodifluoromethane	ug/L	ND	20	20	18.7	19.2	94	96	72-150	3	30
Dichlorofluoromethane	ug/L	ND	20	20	17.6	17.9	88	90	75-129	2	30
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	17.1	17.8	85	89	73-125	4	30
Ethylbenzene	ug/L	ND	20	20	18.1	18.5	91	93	72-130	2	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.9	20.0	115	100	71-150	13	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	17.8	18.1	89	91	70-136	2	30
m&p-Xylene	ug/L	ND	40	40	36.8	37.5	92	94	64-142	2	30
Methyl-tert-butyl ether	ug/L	ND	20	20	17.4	17.8	87	89	72-125	2	30
Methylene Chloride	ug/L	ND	20	20	16.8	17.3	84	87	60-132	3	30
n-Butylbenzene	ug/L	ND	20	20	19.9	19.1	99	96	60-150	4	30
n-Propylbenzene	ug/L	ND	20	20	18.8	19.3	94	97	63-142	3	30
Naphthalene	ug/L	ND	20	20	17.9	17.8	89	89	67-125	1	30
o-Xylene	ug/L	ND	20	20	18.3	18.6	92	93	60-143	1	30
p-Isopropyltoluene	ug/L	ND	20	20	18.7	18.2	93	91	64-146	3	30
sec-Butylbenzene	ug/L	ND	20	20	19.2	18.9	96	94	67-144	2	30
Styrene	ug/L	ND	20	20	16.3	16.5	82	82	67-136	1	30
tert-Butylbenzene	ug/L	ND	20	20	19.2	18.8	96	94	68-135	2	30
Tetrachloroethene	ug/L	ND	20	20	18.7	19.1	94	95	67-148	2	30
Tetrahydrofuran	ug/L	ND	200	200	241	237	120	118	51-141	2	30
Toluene	ug/L	ND	20	20	17.5	18.0	88	90	61-140	3	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.8	18.3	89	92	62-138	3	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.5	17.4	88	87	67-134	1	30
Trichloroethene	ug/L	ND	20	20	18.7	19.0	93	95	64-149	2	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2719452 2719453												
Parameter	Units	10404666001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Trichlorofluoromethane	ug/L	ND	20	20	20.6	21.2	103	106	75-150	3	30	
Vinyl chloride	ug/L	ND	20	20	18.3	18.9	91	95	75-133	3	30	
Xylene (Total)	ug/L	ND	60	60	55.2	56.1	92	93	63-142	2	30	
1,2-Dichloroethane-d4 (S)	%.						99	99	75-137			
4-Bromofluorobenzene (S)	%.						97	98	75-125			
Toluene-d8 (S)	%.						100	99	75-125			

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV
Pace Project No.: 10404488

QC Batch:	500937	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260 MSV LL Water
Associated Lab Samples:	10404488030		

METHOD BLANK:	2723101	Matrix:	Water
Associated Lab Samples:	10404488030		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	10/05/17 17:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	10/05/17 17:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	10/05/17 17:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	10/05/17 17:26	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	10/05/17 17:26	
1,1-Dichloroethane	ug/L	ND	0.50	10/05/17 17:26	
1,1-Dichloroethene	ug/L	ND	0.50	10/05/17 17:26	
1,1-Dichloropropene	ug/L	ND	0.50	10/05/17 17:26	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	10/05/17 17:26	
1,2,3-Trichloropropane	ug/L	ND	4.0	10/05/17 17:26	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	10/05/17 17:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	10/05/17 17:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	10/05/17 17:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	10/05/17 17:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	10/05/17 17:26	
1,2-Dichloroethane	ug/L	ND	0.50	10/05/17 17:26	
1,2-Dichloropropane	ug/L	ND	4.0	10/05/17 17:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	10/05/17 17:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	10/05/17 17:26	
1,3-Dichloropropane	ug/L	ND	0.50	10/05/17 17:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	10/05/17 17:26	
2,2-Dichloropropane	ug/L	ND	1.0	10/05/17 17:26	
2-Butanone (MEK)	ug/L	ND	5.0	10/05/17 17:26	
2-Chlorotoluene	ug/L	ND	0.50	10/05/17 17:26	
4-Chlorotoluene	ug/L	ND	0.50	10/05/17 17:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/05/17 17:26	
Acetone	ug/L	ND	20.0	10/05/17 17:26	
Allyl chloride	ug/L	ND	4.0	10/05/17 17:26	
Benzene	ug/L	ND	0.50	10/05/17 17:26	
Bromobenzene	ug/L	ND	0.50	10/05/17 17:26	
Bromochloromethane	ug/L	ND	1.0	10/05/17 17:26	
Bromodichloromethane	ug/L	ND	0.50	10/05/17 17:26	
Bromoform	ug/L	ND	4.0	10/05/17 17:26	
Bromomethane	ug/L	ND	4.0	10/05/17 17:26	
Carbon tetrachloride	ug/L	ND	0.50	10/05/17 17:26	
Chlorobenzene	ug/L	ND	0.50	10/05/17 17:26	
Chloroethane	ug/L	ND	1.0	10/05/17 17:26	
Chloroform	ug/L	ND	1.0	10/05/17 17:26	
Chloromethane	ug/L	ND	4.0	10/05/17 17:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	10/05/17 17:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	10/05/17 17:26	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

PACE Project No.: 10404488

METHOD BLANK: 2723101

Matrix: Water

Associated Lab Samples: 10404488030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	0.50	10/05/17 17:26	
Dibromomethane	ug/L	ND	1.0	10/05/17 17:26	
Dichlorodifluoromethane	ug/L	ND	1.0	10/05/17 17:26	
Dichlorofluoromethane	ug/L	ND	1.0	10/05/17 17:26	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	10/05/17 17:26	
Ethylbenzene	ug/L	ND	0.50	10/05/17 17:26	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	10/05/17 17:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	10/05/17 17:26	
m&p-Xylene	ug/L	ND	1.0	10/05/17 17:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	10/05/17 17:26	
Methylene Chloride	ug/L	ND	4.0	10/05/17 17:26	
n-Butylbenzene	ug/L	ND	0.50	10/05/17 17:26	
n-Propylbenzene	ug/L	ND	0.50	10/05/17 17:26	
Naphthalene	ug/L	ND	1.0	10/05/17 17:26	CL
o-Xylene	ug/L	ND	0.50	10/05/17 17:26	
p-Isopropyltoluene	ug/L	ND	0.50	10/05/17 17:26	
sec-Butylbenzene	ug/L	ND	0.50	10/05/17 17:26	
Styrene	ug/L	ND	0.50	10/05/17 17:26	
tert-Butylbenzene	ug/L	ND	0.50	10/05/17 17:26	
Tetrachloroethene	ug/L	ND	0.50	10/05/17 17:26	
Tetrahydrofuran	ug/L	ND	10.0	10/05/17 17:26	
Toluene	ug/L	ND	0.50	10/05/17 17:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	10/05/17 17:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	10/05/17 17:26	
Trichloroethene	ug/L	ND	0.40	10/05/17 17:26	
Trichlorofluoromethane	ug/L	ND	0.50	10/05/17 17:26	
Vinyl chloride	ug/L	ND	0.20	10/05/17 17:26	
Xylene (Total)	ug/L	ND	1.5	10/05/17 17:26	
1,2-Dichloroethane-d4 (S)	%	93	75-137	10/05/17 17:26	
4-Bromofluorobenzene (S)	%	102	75-125	10/05/17 17:26	
Toluene-d8 (S)	%	102	75-125	10/05/17 17:26	

LABORATORY CONTROL SAMPLE & LCSD: 2723102

2723103

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.3	19.1	107	95	75-136	11	30	
1,1,1-Trichloroethane	ug/L	20	19.4	17.6	97	88	75-129	9	30	
1,1,2,2-Tetrachloroethane	ug/L	20	17.1	16.0	86	80	71-138	7	30	
1,1,2-Trichloroethane	ug/L	20	20.0	17.6	100	88	75-125	13	30	
1,1,2-Trichlorotrifluoroethane	ug/L	20	18.3	16.2	92	81	69-126	12	30	
1,1-Dichloroethane	ug/L	20	19.4	17.4	97	87	75-125	11	30	
1,1-Dichloroethene	ug/L	20	19.1	17.5	95	87	75-125	9	30	
1,1-Dichloropropene	ug/L	20	18.2	16.5	91	82	75-125	10	30	
1,2,3-Trichlorobenzene	ug/L	20	15.2	18.1	76	90	75-125	17	30	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

LABORATORY CONTROL SAMPLE & LCSD: 2723102			2723103							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	20	16.0	14.2	80	71	75-125	12	30	L2
1,2,4-Trichlorobenzene	ug/L	20	17.9	19.1	90	95	75-125	6	30	
1,2,4-Trimethylbenzene	ug/L	20	21.7	20.1	109	100	75-125	8	30	
1,2-Dibromo-3-chloropropane	ug/L	50	33.4	33.7	67	67	71-130	1	30	L2
1,2-Dibromoethane (EDB)	ug/L	20	18.4	16.7	92	84	75-125	10	30	
1,2-Dichlorobenzene	ug/L	20	20.7	18.9	103	95	75-125	9	30	
1,2-Dichloroethane	ug/L	20	17.3	15.4	86	77	70-125	11	30	
1,2-Dichloropropane	ug/L	20	18.8	17.2	94	86	75-125	9	30	
1,3,5-Trimethylbenzene	ug/L	20	22.0	21.0	110	105	75-125	5	30	
1,3-Dichlorobenzene	ug/L	20	21.4	19.7	107	99	75-125	8	30	
1,3-Dichloropropane	ug/L	20	19.8	17.6	99	88	75-125	12	30	
1,4-Dichlorobenzene	ug/L	20	20.8	19.8	104	99	75-125	5	30	
2,2-Dichloropropane	ug/L	20	20.5	18.2	103	91	70-131	12	30	
2-Butanone (MEK)	ug/L	100	60.2	52.0	60	52	69-125	15	30	L2
2-Chlorotoluene	ug/L	20	20.4	18.9	102	95	75-125	7	30	
4-Chlorotoluene	ug/L	20	20.9	19.9	104	99	75-125	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	77.8	68.3	78	68	73-125	13	30	L2
Acetone	ug/L	100	83.5	85.6	83	86	66-126	3	30	
Allyl chloride	ug/L	20	17.5	15.8	87	79	71-125	10	30	
Benzene	ug/L	20	17.7	15.9	88	79	75-125	11	30	
Bromobenzene	ug/L	20	21.0	19.4	105	97	75-125	8	30	
Bromochloromethane	ug/L	20	19.0	17.4	95	87	75-126	8	30	
Bromodichloromethane	ug/L	20	20.2	18.7	101	93	75-133	8	30	
Bromoform	ug/L	20	17.8	15.7	89	79	62-142	12	30	
Bromomethane	ug/L	20	24.1	23.0	120	115	34-143	5	30	
Carbon tetrachloride	ug/L	20	19.4	17.5	97	87	71-145	10	30	
Chlorobenzene	ug/L	20	20.9	18.7	104	93	75-125	11	30	
Chloroethane	ug/L	20	20.6	18.9	103	95	75-125	9	30	
Chloroform	ug/L	20	18.1	16.6	91	83	75-125	9	30	
Chloromethane	ug/L	20	22.6	20.4	113	102	54-125	10	30	
cis-1,2-Dichloroethene	ug/L	20	18.9	17.1	95	85	75-125	10	30	
cis-1,3-Dichloropropene	ug/L	20	19.1	17.4	95	87	75-125	9	30	
Dibromochloromethane	ug/L	20	21.2	18.9	106	94	74-141	12	30	
Dibromomethane	ug/L	20	18.3	16.5	92	83	75-125	11	30	
Dichlorodifluoromethane	ug/L	20	20.3	18.1	101	90	59-130	11	30	
Dichlorofluoromethane	ug/L	20	19.9	18.3	100	91	75-125	9	30	
Diethyl ether (Ethyl ether)	ug/L	20	17.1	15.6	86	78	75-125	9	30	
Ethylbenzene	ug/L	20	20.0	17.9	100	90	75-125	11	30	
Hexachloro-1,3-butadiene	ug/L	20	22.4	23.3	112	116	75-131	4	30	
Isopropylbenzene (Cumene)	ug/L	20	20.2	18.2	101	91	75-125	10	30	
m&p-Xylene	ug/L	40	41.7	37.4	104	93	75-125	11	30	
Methyl-tert-butyl ether	ug/L	20	16.3	14.7	81	73	75-125	10	30	L2
Methylene Chloride	ug/L	20	18.7	17.2	93	86	73-125	8	30	
n-Butylbenzene	ug/L	20	21.1	21.1	105	105	75-125	0	30	
n-Propylbenzene	ug/L	20	19.8	18.9	99	95	75-125	5	30	
Naphthalene	ug/L	20	11.0	12.9	55	65	74-125	16	30	CL,L2
o-Xylene	ug/L	20	20.9	19.1	105	95	75-125	9	30	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

LABORATORY CONTROL SAMPLE & LCSD: 2723102			2723103							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	20	20.4	19.8	102	99	75-125	3	30	
sec-Butylbenzene	ug/L	20	21.2	20.5	106	103	75-125	3	30	
Styrene	ug/L	20	19.9	17.7	99	89	75-125	12	30	
tert-Butylbenzene	ug/L	20	21.3	19.7	106	99	75-125	8	30	
Tetrachloroethene	ug/L	20	17.9	16.5	89	82	75-125	8	30	
Tetrahydrofuran	ug/L	200	168	174	84	87	65-127	4	30	
Toluene	ug/L	20	19.8	17.9	99	89	75-125	10	30	
trans-1,2-Dichloroethene	ug/L	20	18.3	16.6	91	83	75-125	10	30	
trans-1,3-Dichloropropene	ug/L	20	19.4	17.3	97	87	75-125	11	30	
Trichloroethene	ug/L	20	19.5	17.5	97	88	75-125	11	30	
Trichlorofluoromethane	ug/L	20	21.5	19.5	108	97	71-140	10	30	
Vinyl chloride	ug/L	20	21.4	19.1	107	96	70-125	11	30	
Xylene (Total)	ug/L	60	62.6	56.5	104	94	75-125	10	30	
1,2-Dichloroethane-d4 (S)	%				93	91	75-137			
4-Bromofluorobenzene (S)	%				96	100	75-125			
Toluene-d8 (S)	%				103	104	75-125			

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QUALIFIERS

Project: WAKS2510C Former Cherry REV
Pace Project No.: 10404488

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 500081

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 500937

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

CL The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS2510C Former Cherry REV

Pace Project No.: 10404488

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10404488001	MW22D:G091917	EPA 8260B	499620		
10404488002	MW20D:G091917	EPA 8260B	499620		
10404488003	MW19D:G091917	EPA 8260B	499620		
10404488004	MW19:G091917	EPA 8260B	499620		
10404488005	MW18D:G091917	EPA 8260B	499620		
10404488006	MW18:G091917	EPA 8260B	499620		
10404488007	MW10:G091917	EPA 8260B	499620		
10404488008	MW16:G091917	EPA 8260B	499620		
10404488009	MW21D:G092017	EPA 8260B	500081		
10404488010	MW17D:G092017	EPA 8260B	500081		
10404488011	MW17:G092017	EPA 8260B	500081		
10404488012	MW14:G092017	EPA 8260B	500081		
10404488013	MW8:G092017	EPA 8260B	500081		
10404488014	MW12:G092017	EPA 8260B	500081		
10404488015	MW1D:G092017	EPA 8260B	500081		
10404488016	MW4G:G092017	EPA 8260B	500081		
10404488017	MW9:G092017	EPA 8260B	500081		
10404488018	MW23:G092117	EPA 8260B	500081		
10404488019	MW15:G092117	EPA 8260B	500222		
10404488020	MW15D:G092117	EPA 8260B	500222		
10404488021	MW6:G092117	EPA 8260B	500222		
10404488022	MW5:G092117	EPA 8260B	500222		
10404488023	MW13:G092117	EPA 8260B	500222		
10404488024	MW101:G092117	EPA 8260B	500222		
10404488025	MW7:G092117	EPA 8260B	500222		
10404488026	MW11:G092217	EPA 8260B	500222		
10404488027	MW1:G092217	EPA 8260B	500222		
10404488028	EB1:G091917	EPA 8260B	499620		
10404488029	EB2:G092217	EPA 8260B	500222		
10404488030	FD1:G092117	EPA 8260B	500937		
10404488031	FD2:G092217	EPA 8260B	500222		
10404488032	Trip Blank	EPA 8260B	499620		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10404488

Page: 1 of 3
2134873

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: <u>The ELAM Group</u>		Report To: <u>Jason Oland</u>		Attention: <u>James Hogan</u>	
Address: <u>176 V. Logan St. Suite 147 Noblesville, IN 46060</u>		Copy To: <u>Tim Cornett</u>		Company Name: <u>The ELAM Group</u>	
Email To: <u>jason.oland@elamusa.com</u>		Purchase Order No.: <u>WAKS2510C7.3</u>		Address: <u>james.hogan@elamusa.com</u>	
Phone: <u>888-510-3526 x106</u>		Project Name: <u>WAKS Former Cherry Cleaners</u>		Pace Quote Reference: <u>Tia Driggins</u>	
Requested Due Date/TAT:		Project Number: <u>WAKS2510C</u>		Pace Profile #: <u>372351</u>	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location: WA

STATE: WA

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Tissue Other	DW WT WW P SL OL WP AR TS QT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:					
DATE Signed (MM/DD/YY):					

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: **2 of 3**
2134875

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: The ELAM Group		Report To: Jason Olard		Attention: James Hogan	
Address: 176 W. Logan St. Suite 147 Noblesville, IN 46060		Copy To: Tim Cornett		Company Name: The ELAM Group	
Email To: jason.olard@elamusa.com		Purchase Order No.: WAKS2510673		Address: James.hogan@elamusa.com	
Phone: 888-510-3526 Fax: 888-510-3526		Project Name: Former Cherry Cleaners		Pace Quote Reference: Tia Diggins	
Requested Due Date/TAT:		Project Number: WAKS25106		Pace Profile #: 37235/1	
REGULATORY AGENCY ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____					
Site Location STATE: WA					

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	Drinking Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Tissue TS Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Analysis Test	VOC 8260																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	Tim Cornett ELAM	9/22/17	1053	James Hogan	9/22/17	1053	19	4	4
	Jenna (Gross) Pace	9/22/17	11:30	Jenna (Gross) Pace	9/22/17	9W 07	7	7	7

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:					
DATE Signed (MM/DD/YY):					

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company: The ELAM Group
Address: 176 W. Logan St. Suite 147
Noblesville, IN 46060
Email To: jason.claud@elamusa.com
Phone: 888-510-3516 x106 Fax:
Requested Due Date/TAT:

Section B

Required Project Information:

Report To: Jason Claud
Copy To: Tim Cornett
tim.cornett@elamusa.com
Purchase Order No.: WAKS 2510C 7.3
Project Name: Farmy Cherry Cleaners
Project Number: WAKS 2510C

Section C

Invoice Information:

Attention: James Hogan
Company Name: The ELAM Group
Address: james.hogan@elamusa.com
Pace Quote Reference:
Pace Project Manager: Tia Diggins
Pace Profile #: 37235/1

Page:

3 of 3

2134876

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location

STATE: WA

ITEM #	Section D Required Client Information		Matrix Codes MATRIX / CODE		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	<u>Tim Cornett ELAM</u>	<u>9-22-17</u>	<u>1053</u>	<u>John Lin</u>	<u>9-22-17</u>	<u>1055</u>	<u>11.9</u>	<u>Y</u>	<u>Y</u>
	<u>Jenny Goss / Pace</u>	<u>9/22/17</u>	<u>11:30</u>	<u>Jenny Goss</u>	<u>9/22/17</u>	<u>710</u>	<u>0.7</u>	<u>Y</u>	<u>Y</u>

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed
(MM/DD/YY):

Temp in °C

Received on
Ice (Y/N)

Custody
Sealed Cooler
(Y/N)

Samples Intact
(Y/N)

	Document Name:	Document Revised: 30Aug2017
	Sample Condition Upon Receipt Form	Page 1 of 2
	Document No.: F-MN-L-213-rev.21	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt	Client Name: <u>The Green Group</u>	Project #: WO#: 10404488
Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client		
☐ Commercial ☐ Pace ☐ SpeedDee ☐ Other:		
Tracking Number: <u>744810327278</u>		

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No	Seals Intact? ☒ Yes ☐ No	Optional: Proj. Due Date: Proj. Name:
Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other:	Temp Blank? ☒ Yes ☐ No	
Thermometer ☐ 151401163	Type of Ice: ☒ Wet ☐ Blue ☐ None	
Used: ☒ 687A9155100842	☐ Samples on ice, cooling process has begun	
Cooler Temp Read (°C): <u>1.2</u>	Cooler Temp Corrected (°C): <u>0.7</u>	Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A
Temp should be above freezing to 6°C	Correction Factor: <u>-0.5</u>	Date and Initials of Person Examining Contents: <u>6/9/17</u>
USDA Regulated Soil (☒ N/A, water sample)		
Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No	Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No	
If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.		

	COMMENTS:
Chain of Custody Present? ☒ Yes ☐ No	1.
Chain of Custody Filled Out? ☒ Yes ☐ No	2.
Chain of Custody Relinquished? ☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC? ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time? ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)? ☐ Yes ☒ No	6.
Rush Turn Around Time Requested? ☐ Yes ☒ No	7.
Sufficient Volume? ☒ Yes ☐ No	8.
Correct Containers Used? ☒ Yes ☐ No	9.
-Pace Containers Used? ☒ Yes ☐ No	
Containers Intact? ☒ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests? ☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? ☒ Yes ☐ No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	
All containers needing acid/base preservation have been checked? ☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , >2 pH, NaOH >9 Sulfide, NaOH >12 Cyanide)	Sample #
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin. ☒ Yes ☐ No ☐ N/A	Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)? ☒ Yes ☐ No ☐ N/A	14. <u>See exception</u>
Trip Blank Present? ☒ Yes ☐ No ☐ N/A	15.
Trip Blank Custody Seals Present? ☒ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased): <u>132088</u>	

CLIENT NOTIFICATION/RESOLUTION	Field Data Required? ☐ Yes ☐ No
Person Contacted: _____	Date/Time: _____
Comments/Resolution: _____	

Project Manager Review: <u>[Signature]</u>	Date: <u>09/25/17</u>
Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).	

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 30Aug2017 Page 2 of 2
	Document No.: F-MN-L-213-rev.21	Issuing Authority: Pace Minnesota Quality Office

SCUR Exceptions:
Workorder #:

Issue	Sample ID	Container Type/#
<i>headspace</i>	MW1: 609227	3/3 <i>Uhg14</i>
<i>headspace</i>	FD2: 6092217	3/3 <i>1</i>
<i>headspace</i>	trip blank	2/4 <i>1</i>

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH Upon Receipt	Date Preservation Adjusted	Time Preservation Adjusted	Amount of Additional Preservative Added	Lot # of Preservative Added	pH After Adjustment	Initials

	Document Name: Cooler Transfer Check List	Revised Date: 23Apr2013 Page 1 of 1
	Document Number: F-MN-C-120-rev.01	Issuing Authority: Pace Minnesota Quality Office

Cooler Transfer Check List

Client: The ELAM Group

Project Manager: Tia Diggins

Profile/Line #: 37235 / 1

Received with Custody Seal: ☒ Yes ☐ No

Custody Seal Intact: ☒ Yes ☐ No ☐ NA

	Temp Read	Corrected Temp	Correction Factor
Temperature <u>C:</u>	<u>11.7</u>	<u>11.9</u>	<u>+0.2</u>
IR Gun # <u>IR1 - Q281</u>	IR2 - 122065284		
☐ Samples on Ice, cooling process has begun			

Rush/Short Hold: No turn requested

Containers Intact: ☒ Yes ☐ No

Re-packed and Re-Iced: ✓

Temp Blank Included: ☒ Yes ☐ No

Shipped By/Date: SV 9/22/17

Notes:



Appendix E

EOS Removal Procedures



Appendix E

EOS Removal Procedures

Quarterly EOS removal includes measuring depth to product or water in a series of Injection Wells (“IW”) and Monitoring Wells (“MWs”), collecting product samples from MW-3, and removal of EOS.

E.1 EOS Gauging and Thickness Assessment

Prior to collecting a product sample and removal, depth to product and product thickness were gauged in each IW and select MWs. An ELAM scientist first accessed each well and followed this procedure to open wells to allow for assessment:

1. Don a pair of unused, disposable nitrile gloves
2. Unbolt the flushmount cover for the injection or monitoring well
3. If necessary, remove standing water within the flushmount skirt
4. Remove the expandable plug secured to the monitoring well casing

For gauging, an ELAM scientist adhered to the following procedure

1. Don a pair of unused, disposable nitrile gloves.
2. Decontaminate a oil/water interface probe and tape measure reel with a Liquinox® solution and rinse with distilled water
3. Carefully lower the probe down the wellhead until an audible signal is heard. If signal is steady, product has been encountered. If signal is intermittent, water has been encountered.
4. Record the depth to product or water to the nearest 0.01 foot.
5. Record the depth to product or water on the field form.¹
6. Lower a bailer into the well until as much EOS as possible is collected.
7. Bring the bailer to the surface and measure the thickness of EOS.
8. Record the product thickness on the field form.

¹In 4Q 2016 the oil/water interface probe was used to estimate the EOS thickness by lowering the probe through the EOS until water was detected. This method did not provide accurate depth-to-water measurements because the EOS often adhered to the probe tip and prevented detection of water. Consequently, for all subsequent gauging events, a bailer was used to measure the EOS thickness and the oil/water interface probe was only used for the initial measurement to detect EOS or water.



E.2 Product Sampling and EOS Removal

An ELAM scientist collected a product sample via the following procedures:

1. Don a pair of unused, disposable nitrile gloves.
2. Lower a bailer into the well until EOS has been captured, while limiting the amount of water captured.
3. Decant product into each of the three 40 mL vials preserved with HCl, ensure the meniscus is intact.
4. Seal vials, ensuring there is no headspace and store on ice in cooler.

E.3 EOS Removal

EOS removal was conducted at wells with EOS thicknesses of 0.02 feet or greater using the following procedures:

1. Don hearing protection and unused, disposable nitrile gloves.
2. Ensure vacuum truck operator has proper PPE.
3. Mark the vacuum hose with duct tape at the depth product was encountered.
4. Slowly lower the vacuum hose into the well until product depth is reached.
5. Proceed to lower hose to approximate depth of bottom of product. Minimize water intake.
6. Remove hose and move onto another well.
7. After the well has been allowed to sit and recharge, check thickness with a bailer. If EOS has returned to the well, repeat the vacuum procedure.
8. After all vacuuming has been completed, transfer the recovered EOS to 275-gallon totes or 55-gallon drums.
9. Seal totes and drums, label with a hazardous waste label.

E.3 Waste Management

All decontamination water and EOS waste were containerized in Washington State Department of Transportation ("WSDOT") approved 55-gallon drums affixed with "Pending Analysis" labels. All investigation waste drums were removed for disposal in accordance with the Washington State Department of Ecology ("Ecology") site-specific "Contained-In" Determination.



Appendix F

EOS Laboratory Analytical Reports



Appendix F.1

1Q 2017 EOS Laboratory Report

April 03, 2017

James Hogan
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS2510C 7.1
Pace Project No.: 10382244

Dear James Hogan:

Enclosed are the analytical results for sample(s) received by the laboratory on March 18, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Timothy Sandager
timothy.sandager@pacelabs.com
(612)607-6456
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: WAKS2510C 7.1

Pace Project No.: 10382244

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia WW Certification #: 382

Wisconsin Certification #: 999407970

Wyoming via EPA Region 8 Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WAKS2510C 7.1

Pace Project No.: 10382244

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10382244001	MW-3: P031517	Solid	03/15/17 10:20	03/18/17 09:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WAKS2510C 7.1

Pace Project No.: 10382244

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10382244001	MW-3: P031517	EPA 8260B	MRB	70	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C 7.1

Pace Project No.: 10382244

Sample: MW-3: P031517 **Lab ID: 10382244001** Collected: 03/15/17 10:20 Received: 03/18/17 09:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Acetone	ND	ug/kg	11800	1	03/27/17 13:33	03/29/17 08:42	67-64-1	
Allyl chloride	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	107-05-1	
Benzene	ND	ug/kg	235	1	03/27/17 13:33	03/29/17 08:42	71-43-2	
Bromobenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	108-86-1	
Bromochloromethane	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	74-97-5	
Bromodichloromethane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	75-27-4	
Bromoform	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	75-25-2	
Bromomethane	ND	ug/kg	5880	1	03/27/17 13:33	03/29/17 08:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2940	1	03/27/17 13:33	03/29/17 08:42	78-93-3	
n-Butylbenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	98-06-6	
Carbon tetrachloride	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	56-23-5	
Chlorobenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	108-90-7	
Chloroethane	ND	ug/kg	5880	1	03/27/17 13:33	03/29/17 08:42	75-00-3	
Chloroform	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	67-66-3	
Chloromethane	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5880	1	03/27/17 13:33	03/29/17 08:42	96-12-8	
Dibromochloromethane	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	106-93-4	
Dibromomethane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	75-35-4	
cis-1,2-Dichloroethene	625	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	156-60-5	
Dichlorofluoromethane	ND	ug/kg	5880	1	03/27/17 13:33	03/29/17 08:42	75-43-4	
1,2-Dichloropropane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	60-29-7	
Ethylbenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2940	1	03/27/17 13:33	03/29/17 08:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	99-87-6	
Methylene Chloride	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2940	1	03/27/17 13:33	03/29/17 08:42	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C 7.1

Pace Project No.: 10382244

Sample: MW-3: P031517 **Lab ID: 10382244001** Collected: 03/15/17 10:20 Received: 03/18/17 09:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Methyl-tert-butyl ether	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	1634-04-4	
Naphthalene	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	91-20-3	
n-Propylbenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	103-65-1	
Styrene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	79-34-5	
Tetrachloroethene	73800	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	127-18-4	
Tetrahydrofuran	ND	ug/kg	23500	1	03/27/17 13:33	03/29/17 08:42	109-99-9	
Toluene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	79-00-5	
Trichloroethene	672	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2350	1	03/27/17 13:33	03/29/17 08:42	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	588	1	03/27/17 13:33	03/29/17 08:42	108-67-8	
Vinyl chloride	ND	ug/kg	235	1	03/27/17 13:33	03/29/17 08:42	75-01-4	
Xylene (Total)	ND	ug/kg	1760	1	03/27/17 13:33	03/29/17 08:42	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%.	75-129	1	03/27/17 13:33	03/29/17 08:42	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/27/17 13:33	03/29/17 08:42	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	75-125	1	03/27/17 13:33	03/29/17 08:42	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C 7.1

Pace Project No.: 10382244

QC Batch: 465683

Analysis Method: EPA 8260B

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260B MSV 5030 Med Level

Associated Lab Samples: 10382244001

METHOD BLANK: 2545572

Matrix: Solid

Associated Lab Samples: 10382244001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.0	03/27/17 20:03	
1,1,1-Trichloroethane	ug/kg	ND	50.0	03/27/17 20:03	
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.0	03/27/17 20:03	
1,1,2-Trichloroethane	ug/kg	ND	50.0	03/27/17 20:03	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	200	03/27/17 20:03	
1,1-Dichloroethane	ug/kg	ND	50.0	03/27/17 20:03	
1,1-Dichloroethene	ug/kg	ND	50.0	03/27/17 20:03	
1,1-Dichloropropene	ug/kg	ND	50.0	03/27/17 20:03	
1,2,3-Trichlorobenzene	ug/kg	ND	50.0	03/27/17 20:03	
1,2,3-Trichloropropane	ug/kg	ND	200	03/27/17 20:03	
1,2,4-Trichlorobenzene	ug/kg	ND	50.0	03/27/17 20:03	
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	03/27/17 20:03	
1,2-Dibromo-3-chloropropane	ug/kg	ND	500	03/27/17 20:03	
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	03/27/17 20:03	
1,2-Dichlorobenzene	ug/kg	ND	50.0	03/27/17 20:03	
1,2-Dichloroethane	ug/kg	ND	50.0	03/27/17 20:03	
1,2-Dichloropropane	ug/kg	ND	50.0	03/27/17 20:03	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	03/27/17 20:03	
1,3-Dichlorobenzene	ug/kg	ND	50.0	03/27/17 20:03	
1,3-Dichloropropane	ug/kg	ND	50.0	03/27/17 20:03	
1,4-Dichlorobenzene	ug/kg	ND	50.0	03/27/17 20:03	
2,2-Dichloropropane	ug/kg	ND	200	03/27/17 20:03	
2-Butanone (MEK)	ug/kg	ND	250	03/27/17 20:03	
2-Chlorotoluene	ug/kg	ND	50.0	03/27/17 20:03	
4-Chlorotoluene	ug/kg	ND	50.0	03/27/17 20:03	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	250	03/27/17 20:03	
Acetone	ug/kg	ND	1000	03/27/17 20:03	
Allyl chloride	ug/kg	ND	200	03/27/17 20:03	
Benzene	ug/kg	ND	20.0	03/27/17 20:03	
Bromobenzene	ug/kg	ND	50.0	03/27/17 20:03	
Bromochloromethane	ug/kg	ND	200	03/27/17 20:03	MN
Bromodichloromethane	ug/kg	ND	50.0	03/27/17 20:03	
Bromoform	ug/kg	ND	200	03/27/17 20:03	
Bromomethane	ug/kg	ND	500	03/27/17 20:03	
Carbon tetrachloride	ug/kg	ND	50.0	03/27/17 20:03	
Chlorobenzene	ug/kg	ND	50.0	03/27/17 20:03	
Chloroethane	ug/kg	ND	500	03/27/17 20:03	
Chloroform	ug/kg	ND	50.0	03/27/17 20:03	
Chloromethane	ug/kg	ND	200	03/27/17 20:03	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	03/27/17 20:03	
cis-1,3-Dichloropropene	ug/kg	ND	50.0	03/27/17 20:03	

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QUALITY CONTROL DATA

Project: WAKS2510C 7.1

Pace Project No.: 10382244

METHOD BLANK: 2545572

Matrix: Solid

Associated Lab Samples: 10382244001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	200	03/27/17 20:03	
Dibromomethane	ug/kg	ND	50.0	03/27/17 20:03	
Dichlorodifluoromethane	ug/kg	ND	200	03/27/17 20:03	
Dichlorofluoromethane	ug/kg	ND	500	03/27/17 20:03	
Diethyl ether (Ethyl ether)	ug/kg	ND	200	03/27/17 20:03	
Ethylbenzene	ug/kg	ND	50.0	03/27/17 20:03	
Hexachloro-1,3-butadiene	ug/kg	ND	250	03/27/17 20:03	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	03/27/17 20:03	
Methyl-tert-butyl ether	ug/kg	ND	50.0	03/27/17 20:03	
Methylene Chloride	ug/kg	ND	200	03/27/17 20:03	
n-Butylbenzene	ug/kg	ND	50.0	03/27/17 20:03	
n-Propylbenzene	ug/kg	ND	50.0	03/27/17 20:03	
Naphthalene	ug/kg	ND	200	03/27/17 20:03	
p-Isopropyltoluene	ug/kg	ND	50.0	03/27/17 20:03	
sec-Butylbenzene	ug/kg	ND	50.0	03/27/17 20:03	
Styrene	ug/kg	ND	50.0	03/27/17 20:03	
tert-Butylbenzene	ug/kg	ND	50.0	03/27/17 20:03	
Tetrachloroethene	ug/kg	ND	50.0	03/27/17 20:03	
Tetrahydrofuran	ug/kg	ND	2000	03/27/17 20:03	
Toluene	ug/kg	ND	50.0	03/27/17 20:03	
trans-1,2-Dichloroethene	ug/kg	ND	50.0	03/27/17 20:03	
trans-1,3-Dichloropropene	ug/kg	ND	200	03/27/17 20:03	
Trichloroethene	ug/kg	ND	50.0	03/27/17 20:03	
Trichlorofluoromethane	ug/kg	ND	200	03/27/17 20:03	
Vinyl chloride	ug/kg	ND	20.0	03/27/17 20:03	
Xylene (Total)	ug/kg	ND	150	03/27/17 20:03	
1,2-Dichloroethane-d4 (S)	%	105	75-129	03/27/17 20:03	
4-Bromofluorobenzene (S)	%	101	75-125	03/27/17 20:03	
Toluene-d8 (S)	%	99	75-125	03/27/17 20:03	

LABORATORY CONTROL SAMPLE & LCSD: 2545573

		2545574									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,1,1,2-Tetrachloroethane	ug/kg	1000	1030	882	103	88	71-127	15	20		
1,1,1-Trichloroethane	ug/kg	1000	1080	944	108	94	64-132	13	20		
1,1,2,2-Tetrachloroethane	ug/kg	1000	959	854	96	85	50-138	12	20		
1,1,2-Trichloroethane	ug/kg	1000	1030	894	103	89	69-126	14	20		
1,1,2-Trichlorotrifluoroethane	ug/kg	1000	1060	933	106	93	53-144	13	20		
1,1-Dichloroethane	ug/kg	1000	1020	919	102	92	61-134	11	20		
1,1-Dichloroethene	ug/kg	1000	1050	952	105	95	57-135	10	20		
1,1-Dichloropropene	ug/kg	1000	1050	929	105	93	59-133	12	20		
1,2,3-Trichlorobenzene	ug/kg	1000	997	869	100	87	32-150	14	20		
1,2,3-Trichloropropane	ug/kg	1000	954	828	95	83	62-130	14	20		
1,2,4-Trichlorobenzene	ug/kg	1000	904	810	90	81	38-138	11	20		

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QUALITY CONTROL DATA

Project: WAKS2510C 7.1

Pace Project No.: 10382244

LABORATORY CONTROL SAMPLE & LCSD: 2545573			2545574								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,2,4-Trimethylbenzene	ug/kg	1000	1020	895	102	89	70-127	13	20		
1,2-Dibromo-3-chloropropane	ug/kg	2500	2560	2190	102	87	40-141	16	20		
1,2-Dibromoethane (EDB)	ug/kg	1000	1030	898	103	90	69-130	14	20		
1,2-Dichlorobenzene	ug/kg	1000	1010	916	101	92	72-125	10	20		
1,2-Dichloroethane	ug/kg	1000	1060	925	106	92	62-125	14	20		
1,2-Dichloropropane	ug/kg	1000	964	894	96	89	67-126	7	20		
1,3,5-Trimethylbenzene	ug/kg	1000	995	887	99	89	71-129	12	20		
1,3-Dichlorobenzene	ug/kg	1000	1010	880	101	88	72-126	14	20		
1,3-Dichloropropane	ug/kg	1000	990	879	99	88	70-125	12	20		
1,4-Dichlorobenzene	ug/kg	1000	986	885	99	89	70-126	11	20		
2,2-Dichloropropane	ug/kg	1000	1030	883	103	88	48-134	15	20		
2-Butanone (MEK)	ug/kg	5000	5020	4270	100	85	38-149	16	20		
2-Chlorotoluene	ug/kg	1000	1010	894	101	89	71-129	12	20		
4-Chlorotoluene	ug/kg	1000	994	871	99	87	72-128	13	20		
4-Methyl-2-pentanone (MIBK)	ug/kg	5000	5000	4400	100	88	52-145	13	20		
Acetone	ug/kg	5000	6620	4400	132	88	65-142	40	20	R1	
Allyl chloride	ug/kg	1000	965	882	97	88	54-125	9	20		
Benzene	ug/kg	1000	1120	962	112	96	64-125	15	20		
Bromobenzene	ug/kg	1000	994	881	99	88	70-125	12	20		
Bromochloromethane	ug/kg	1000	1060	934	106	93	68-125	13	20		
Bromodichloromethane	ug/kg	1000	972	910	97	91	67-125	7	20		
Bromoform	ug/kg	1000	898	842	90	84	56-127	6	20		
Bromomethane	ug/kg	1000	1070	995	107	100	34-137	7	20		
Carbon tetrachloride	ug/kg	1000	1070	925	107	93	58-138	15	20		
Chlorobenzene	ug/kg	1000	1040	941	104	94	72-125	10	20		
Chloroethane	ug/kg	1000	1060	909	106	91	39-148	15	20		
Chloroform	ug/kg	1000	1020	892	102	89	67-125	13	20		
Chloromethane	ug/kg	1000	948	858	95	86	54-125	10	20		
cis-1,2-Dichloroethene	ug/kg	1000	1020	927	102	93	67-125	10	20		
cis-1,3-Dichloropropene	ug/kg	1000	966	863	97	86	62-127	11	20		
Dibromochloromethane	ug/kg	1000	1010	895	101	89	67-125	12	20		
Dibromomethane	ug/kg	1000	1020	954	102	95	63-129	7	20		
Dichlorodifluoromethane	ug/kg	1000	896	790	90	79	34-139	13	20		
Dichlorofluoromethane	ug/kg	1000	1050	917	105	92	36-144	13	20		
Diethyl ether (Ethyl ether)	ug/kg	1000	956	850	96	85	51-125	12	20		
Ethylbenzene	ug/kg	1000	1000	892	100	89	70-129	12	20		
Hexachloro-1,3-butadiene	ug/kg	1000	995	907	99	91	48-126	9	20		
Isopropylbenzene (Cumene)	ug/kg	1000	1040	915	104	91	75-127	13	20		
Methyl-tert-butyl ether	ug/kg	1000	1010	894	101	89	61-125	13	20		
Methylene Chloride	ug/kg	1000	995	871	100	87	60-126	13	20		
n-Butylbenzene	ug/kg	1000	974	855	97	85	67-125	13	20		
n-Propylbenzene	ug/kg	1000	967	844	97	84	72-133	14	20		
Naphthalene	ug/kg	1000	960	831	96	83	35-147	14	20		
p-Isopropyltoluene	ug/kg	1000	922	819	92	82	69-127	12	20		
sec-Butylbenzene	ug/kg	1000	979	856	98	86	70-127	13	20		
Styrene	ug/kg	1000	1090	956	109	96	73-125	13	20		
tert-Butylbenzene	ug/kg	1000	951	854	95	85	71-130	11	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C 7.1

Pace Project No.: 10382244

LABORATORY CONTROL SAMPLE & LCSD: 2545573		2545574								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/kg	1000	1090	936	109	94	66-135	15	20	
Tetrahydrofuran	ug/kg	10000	10500	9230	105	92	66-145	13	20	
Toluene	ug/kg	1000	991	888	99	89	69-125	11	20	
trans-1,2-Dichloroethene	ug/kg	1000	1080	984	108	98	55-135	9	20	
trans-1,3-Dichloropropene	ug/kg	1000	962	871	96	87	67-125	10	20	
Trichloroethene	ug/kg	1000	1040	939	104	94	62-141	11	20	
Trichlorofluoromethane	ug/kg	1000	1100	968	110	97	38-150	12	20	
Vinyl chloride	ug/kg	1000	1070	936	107	94	57-131	14	20	
Xylene (Total)	ug/kg	3000	3040	2660	101	89	73-128	13	20	
1,2-Dichloroethane-d4 (S)	%				104	103	75-129			
4-Bromofluorobenzene (S)	%				97	96	75-125			
Toluene-d8 (S)	%				101	100	75-125			

MATRIX SPIKE SAMPLE: 2545575		10382425015		Spike Conc.		MS Result		MS % Rec		% Rec Limits		Qualifiers	
Parameter	Units	Result											
1,1,1,2-Tetrachloroethane	ug/kg	ND	935		973		104		59-135				
1,1,1-Trichloroethane	ug/kg	ND	935		1040		111		51-137				
1,1,2,2-Tetrachloroethane	ug/kg	ND	935		954		102		40-149				
1,1,2-Trichloroethane	ug/kg	ND	935		1010		108		54-144				
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	935		1000		107		41-150				
1,1-Dichloroethane	ug/kg	ND	935		986		105		53-131				
1,1-Dichloroethene	ug/kg	ND	935		1000		107		41-133				
1,1-Dichloropropene	ug/kg	ND	935		1020		109		50-139				
1,2,3-Trichlorobenzene	ug/kg	ND	935		961		103		52-150				
1,2,3-Trichloropropane	ug/kg	ND	935		958		102		61-137				
1,2,4-Trichlorobenzene	ug/kg	ND	935		939		100		52-142				
1,2,4-Trimethylbenzene	ug/kg	ND	935		1000		107		56-142				
1,2-Dibromo-3-chloropropane	ug/kg	ND	2340		2620		112		47-143				
1,2-Dibromoethane (EDB)	ug/kg	ND	935		983		105		57-136				
1,2-Dichlorobenzene	ug/kg	ND	935		1040		111		59-136				
1,2-Dichloroethane	ug/kg	ND	935		1030		111		52-133				
1,2-Dichloropropane	ug/kg	ND	935		976		104		62-129				
1,3,5-Trimethylbenzene	ug/kg	ND	935		1020		109		54-143				
1,3-Dichlorobenzene	ug/kg	ND	935		1000		107		60-137				
1,3-Dichloropropane	ug/kg	ND	935		969		104		57-138				
1,4-Dichlorobenzene	ug/kg	ND	935		991		106		51-132				
2,2-Dichloropropane	ug/kg	ND	935		997		107		50-134				
2-Butanone (MEK)	ug/kg	ND	4680		4980		106		46-125				
2-Chlorotoluene	ug/kg	ND	935		997		107		60-141				
4-Chlorotoluene	ug/kg	ND	935		971		104		65-135				
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	4680		5030		108		47-146				
Acetone	ug/kg	ND	4680		4890		105		45-148				
Allyl chloride	ug/kg	ND	935		974		104		50-135				
Benzene	ug/kg	ND	935		1060		113		41-134				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C 7.1

Pace Project No.: 10382244

MATRIX SPIKE SAMPLE:		2545575	10382425015	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
Bromobenzene	ug/kg	ND	935	1000	107	59-134		
Bromochloromethane	ug/kg	ND	935	1020	109	56-127		
Bromodichloromethane	ug/kg	ND	935	991	106	55-136		
Bromoform	ug/kg	ND	935	940	100	51-139		
Bromomethane	ug/kg	ND	935	788	82	35-148		
Carbon tetrachloride	ug/kg	ND	935	1030	111	50-140		
Chlorobenzene	ug/kg	ND	935	1030	110	59-133		
Chloroethane	ug/kg	ND	935	638	68	30-150		
Chloroform	ug/kg	ND	935	991	106	58-128		
Chloromethane	ug/kg	ND	935	627	67	38-125		
cis-1,2-Dichloroethene	ug/kg	ND	935	1050	113	59-125		
cis-1,3-Dichloropropene	ug/kg	ND	935	951	102	57-133		
Dibromochloromethane	ug/kg	ND	935	1010	108	54-141		
Dibromomethane	ug/kg	ND	935	1030	110	53-134		
Dichlorodifluoromethane	ug/kg	ND	935	478	51	30-125		
Dichlorofluoromethane	ug/kg	ND	935	626	67	30-150		
Diethyl ether (Ethyl ether)	ug/kg	ND	935	954	102	46-137		
Ethylbenzene	ug/kg	ND	935	1010	107	56-141		
Hexachloro-1,3-butadiene	ug/kg	ND	935	972	104	45-150		
Isopropylbenzene (Cumene)	ug/kg	ND	935	1010	108	48-141		
Methyl-tert-butyl ether	ug/kg	ND	935	1010	108	53-133		
Methylene Chloride	ug/kg	ND	935	953	102	42-135		
n-Butylbenzene	ug/kg	ND	935	955	102	52-140		
n-Propylbenzene	ug/kg	ND	935	952	102	57-142		
Naphthalene	ug/kg	ND	935	946	101	41-150		
p-Isopropyltoluene	ug/kg	ND	935	918	98	54-139		
sec-Butylbenzene	ug/kg	ND	935	949	102	30-150		
Styrene	ug/kg	ND	935	1050	112	53-137		
tert-Butylbenzene	ug/kg	ND	935	955	102	59-138		
Tetrachloroethene	ug/kg	ND	935	1070	115	53-138		
Tetrahydrofuran	ug/kg	ND	9350	10900	116	50-145		
Toluene	ug/kg	ND	935	950	102	55-134		
trans-1,2-Dichloroethene	ug/kg	ND	935	1070	114	44-135		
trans-1,3-Dichloropropene	ug/kg	ND	935	957	102	59-139		
Trichloroethene	ug/kg	ND	935	1050	112	52-143		
Trichlorofluoromethane	ug/kg	ND	935	639	68	30-150		
Vinyl chloride	ug/kg	ND	935	619	66	36-127		
Xylene (Total)	ug/kg	ND	2810	2980	106	56-137		
1,2-Dichloroethane-d4 (S)	%				104	75-129		
4-Bromofluorobenzene (S)	%				98	75-125		
Toluene-d8 (S)	%				98	75-125		

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QUALITY CONTROL DATA

Project: WAKS2510C 7.1

Pace Project No.: 10382244

SAMPLE DUPLICATE: 2545576

Parameter	Units	10382425016 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Allyl chloride	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Dichlorofluoromethane	ug/kg	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: WAKS2510C 7.1

Pace Project No.: 10382244

SAMPLE DUPLICATE: 2545576

Parameter	Units	10382425016 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Tetrahydrofuran	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	96	94	3		
4-Bromofluorobenzene (S)	%.	97	99	0		
Toluene-d8 (S)	%.	99	100	0		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WAKS2510C 7.1

Pace Project No.: 10382244

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS2510C 7.1

Pace Project No.: 10382244

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10382244001	MW-3: P031517	EPA 5035/5030B	465683	EPA 8260B	465868

REPORT OF LABORATORY ANALYSIS

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Page : 1 Of 1

Section A

Required Client Information:

Company: The ELAM Group
Address: 176 W Logan St
Noblesville, IN 46060
Email To: james.hogan@elamusa.com
Phone: 888-510-3326 Fax: —
Requested Due Date/TAT: 10 Day (Standard)

Section B

Required Project Information:

Report To:	James Hogan
Copy To:	
Purchase Order No.	WAK52510C 7.1
Client Project ID:	
Container Order Number:	WAK52510C 2

Section C

Invoice Information:

Attention:	
Company Name:	See Sec. A
Address:	
Pace Quote Reference:	Tim Sundager
Pace Project Manager:	Donna Gress
Pace Profile #:	37285

Requested Analysis Filtered (Y/N)

[illegible]

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Jason Cook	3/7/17	12:44	AJG/Cen	3/18/17	12:46	3.5 Y N Y
	Ben Jones / Pace	3/17/17	14:05	Pace	3/18/17	9:20	0.9 X Y X
F							

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Jason Oland					
SIGNATURE of SAMPLER: 	DATE Signed: 3/16/17				

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 19Dec2016 Page 1 of 2
	Document No.: F-MN-L-213-rev.20	Issuing Authority: Pace Minnesota Quality Office

**Sample Condition
Upon Receipt**

Client Name:

Project #:

WO# : 10382244

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☐ Pace ☐ Speedee ☐ Other:



10382244

Tracking Number: 7222 2739 9411

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No Seals Intact? ☒ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other:

Temp Blank? ☒ Yes ☐ No

Thermometer Used: ☒ 151401163
☐ 151401164

Type of Ice: ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 0.8 Cooler Temp Corrected (°C): 0.9

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Temp should be above freezing to 6°C

Correction Factor: -0.1

Date and Initials of Person Examining Contents: RG3/18/17

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present? ☒ Yes ☐ No	1.
Chain of Custody Filled Out? ☒ Yes ☐ No	2.
Chain of Custody Relinquished? ☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC? ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time? ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)? ☐ Yes ☒ No	6.
Rush Turn Around Time Requested? ☐ Yes ☒ No	7.
Sufficient Volume? ☒ Yes ☐ No	8.
Correct Containers Used? ☒ Yes ☐ No	9.
-Pace Containers Used? ☒ Yes ☐ No	
Containers Intact? ☒ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests? ☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? ☒ Yes ☐ No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	
All containers needing acid/base preservation have been checked? ☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide)	Sample #
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin. ☐ Yes ☐ No ☒ N/A	Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)? ☐ Yes ☐ No ☒ N/A	14.
Trip Blank Present? ☐ Yes ☐ No ☒ N/A	15.
Trip Blank Custody Seals Present? ☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased):	

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted: _____

Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____

Date: 03/20/17

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

	Document Name: Cooler Transfer Check List	Revised Date: 23Apr2013 Page 1 of 1
	Document Number: F-MN-C-120-rev.01	Issuing Authority: Pace Minnesota Quality Office

Cooler Transfer Check List

Client: The ELAM Group

Project Manager: Tim Sandager

Profile/Line #: 37235

Received with Custody Seal: Yes ☒ No

Custody Seal Intact: Yes ☐ No ☒ NA

	Temp Read	Corrected Temp	Correction Factor
Temperature C: <u>3.3</u>	<u>3.3</u>	<u>3.5</u>	<u>10.2</u>
IR Gun # <u>IR1 - Q281</u>	<u>IR2 - 122065284</u>		

☐ Samples on ice, cooling process has begun

Rush/Short Hold: NO

Containers Intact: ☒ Yes ☐ No

Re-packed and Re-iced: ✓

Temp Blank Included: ☒ Yes ☐ No

Shipped By/Date: 3/17/17

Notes:

Ship to: Pace MN Pace Davis



Appendix F.2

2Q 2017 EOS Laboratory Report

July 12, 2017

Jason Oland
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS251OC
Pace Project No.: 10394503

Dear Jason Oland:

Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tia Diggins
tia.diggins@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: James Hogan, ELAM Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WAKS251OC

Pace Project No.: 10394503

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia WW Certification #: 382

Wisconsin Certification #: 999407970

Wyoming via EPA Region 8 Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WAKS251OC

Pace Project No.: 10394503

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10394503001	MW-3:P062717	Solid	06/22/17 15:30	07/01/17 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WAKS251OC

Pace Project No.: 10394503

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10394503001	MW-3:P062717	EPA 8260B	CD2	70	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C

Pace Project No.: 10394503

Sample: MW-3:P062717 **Lab ID:** 10394503001 **Collected:** 06/22/17 15:30 **Received:** 07/01/17 09:00 **Matrix:** Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Acetone	ND	ug/kg	9520	1	07/05/17 15:24	07/06/17 11:20	67-64-1	L2
Allyl chloride	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	107-05-1	
Benzene	ND	ug/kg	190	1	07/05/17 15:24	07/06/17 11:20	71-43-2	
Bromobenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	108-86-1	
Bromochloromethane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	74-97-5	
Bromodichloromethane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	75-27-4	
Bromoform	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	75-25-2	
Bromomethane	ND	ug/kg	4760	1	07/05/17 15:24	07/06/17 11:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2380	1	07/05/17 15:24	07/06/17 11:20	78-93-3	
n-Butylbenzene	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	98-06-6	
Carbon tetrachloride	ND	ug/kg	4760	1	07/05/17 15:24	07/06/17 11:20	56-23-5	
Chlorobenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	108-90-7	
Chloroethane	ND	ug/kg	4760	1	07/05/17 15:24	07/06/17 11:20	75-00-3	
Chloroform	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	67-66-3	
Chloromethane	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11900	1	07/05/17 15:24	07/06/17 11:20	96-12-8	
Dibromochloromethane	ND	ug/kg	4760	1	07/05/17 15:24	07/06/17 11:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	106-93-4	
Dibromomethane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	75-35-4	
cis-1,2-Dichloroethene	1490	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	156-60-5	
Dichlorofluoromethane	ND	ug/kg	4760	1	07/05/17 15:24	07/06/17 11:20	75-43-4	
1,2-Dichloropropane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	60-29-7	
Ethylbenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2380	1	07/05/17 15:24	07/06/17 11:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	98-82-8	
p-Isopropyltoluene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	99-87-6	
Methylene Chloride	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2380	1	07/05/17 15:24	07/06/17 11:20	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS251OC

Pace Project No.: 10394503

Sample: MW-3:P062717 **Lab ID:** 10394503001 **Collected:** 06/22/17 15:30 **Received:** 07/01/17 09:00 **Matrix:** Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Methyl-tert-butyl ether	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	1634-04-4	
Naphthalene	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	91-20-3	
n-Propylbenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	103-65-1	
Styrene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	79-34-5	
Tetrachloroethene	42700	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	127-18-4	
Tetrahydrofuran	ND	ug/kg	19000	1	07/05/17 15:24	07/06/17 11:20	109-99-9	
Toluene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	79-00-5	
Trichloroethene	1180	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	1900	1	07/05/17 15:24	07/06/17 11:20	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	476	1	07/05/17 15:24	07/06/17 11:20	108-67-8	
Vinyl chloride	ND	ug/kg	190	1	07/05/17 15:24	07/06/17 11:20	75-01-4	
Xylene (Total)	ND	ug/kg	1430	1	07/05/17 15:24	07/06/17 11:20	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%.	75-125	1	07/05/17 15:24	07/06/17 11:20	17060-07-0	1M
Toluene-d8 (S)	99	%.	75-125	1	07/05/17 15:24	07/06/17 11:20	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	75-125	1	07/05/17 15:24	07/06/17 11:20	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS251OC

Pace Project No.: 10394503

QC Batch: 483284

Analysis Method: EPA 8260B

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260B MSV 5030 Med Level

Associated Lab Samples: 10394503001

METHOD BLANK: 2632230

Matrix: Solid

Associated Lab Samples: 10394503001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.0	07/06/17 02:14	
1,1,1-Trichloroethane	ug/kg	ND	200	07/06/17 02:14	MN
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.0	07/06/17 02:14	
1,1,2-Trichloroethane	ug/kg	ND	50.0	07/06/17 02:14	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	200	07/06/17 02:14	
1,1-Dichloroethane	ug/kg	ND	50.0	07/06/17 02:14	
1,1-Dichloroethene	ug/kg	ND	200	07/06/17 02:14	MN
1,1-Dichloropropene	ug/kg	ND	200	07/06/17 02:14	MN
1,2,3-Trichlorobenzene	ug/kg	ND	50.0	07/06/17 02:14	
1,2,3-Trichloropropane	ug/kg	ND	200	07/06/17 02:14	
1,2,4-Trichlorobenzene	ug/kg	ND	50.0	07/06/17 02:14	
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	07/06/17 02:14	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1250	07/06/17 02:14	MN
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	07/06/17 02:14	
1,2-Dichlorobenzene	ug/kg	ND	50.0	07/06/17 02:14	
1,2-Dichloroethane	ug/kg	ND	50.0	07/06/17 02:14	
1,2-Dichloropropane	ug/kg	ND	50.0	07/06/17 02:14	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	07/06/17 02:14	
1,3-Dichlorobenzene	ug/kg	ND	50.0	07/06/17 02:14	
1,3-Dichloropropane	ug/kg	ND	50.0	07/06/17 02:14	
1,4-Dichlorobenzene	ug/kg	ND	50.0	07/06/17 02:14	
2,2-Dichloropropane	ug/kg	ND	200	07/06/17 02:14	
2-Butanone (MEK)	ug/kg	ND	250	07/06/17 02:14	
2-Chlorotoluene	ug/kg	ND	50.0	07/06/17 02:14	
4-Chlorotoluene	ug/kg	ND	50.0	07/06/17 02:14	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	250	07/06/17 02:14	
Acetone	ug/kg	ND	1000	07/06/17 02:14	
Allyl chloride	ug/kg	ND	200	07/06/17 02:14	
Benzene	ug/kg	ND	20.0	07/06/17 02:14	
Bromobenzene	ug/kg	ND	50.0	07/06/17 02:14	
Bromochloromethane	ug/kg	ND	50.0	07/06/17 02:14	
Bromodichloromethane	ug/kg	ND	50.0	07/06/17 02:14	
Bromoform	ug/kg	ND	200	07/06/17 02:14	
Bromomethane	ug/kg	ND	500	07/06/17 02:14	
Carbon tetrachloride	ug/kg	ND	500	07/06/17 02:14	MN
Chlorobenzene	ug/kg	ND	50.0	07/06/17 02:14	
Chloroethane	ug/kg	ND	500	07/06/17 02:14	
Chloroform	ug/kg	ND	50.0	07/06/17 02:14	
Chloromethane	ug/kg	ND	200	07/06/17 02:14	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	07/06/17 02:14	
cis-1,3-Dichloropropene	ug/kg	ND	50.0	07/06/17 02:14	

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10394503

METHOD BLANK: 2632230

Matrix: Solid

Associated Lab Samples: 10394503001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	500	07/06/17 02:14	MN
Dibromomethane	ug/kg	ND	50.0	07/06/17 02:14	
Dichlorodifluoromethane	ug/kg	ND	200	07/06/17 02:14	
Dichlorofluoromethane	ug/kg	ND	500	07/06/17 02:14	
Diethyl ether (Ethyl ether)	ug/kg	ND	200	07/06/17 02:14	
Ethylbenzene	ug/kg	ND	50.0	07/06/17 02:14	
Hexachloro-1,3-butadiene	ug/kg	ND	250	07/06/17 02:14	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	07/06/17 02:14	
Methyl-tert-butyl ether	ug/kg	ND	50.0	07/06/17 02:14	
Methylene Chloride	ug/kg	ND	200	07/06/17 02:14	
n-Butylbenzene	ug/kg	ND	200	07/06/17 02:14	MN
n-Propylbenzene	ug/kg	ND	50.0	07/06/17 02:14	
Naphthalene	ug/kg	ND	200	07/06/17 02:14	
p-Isopropyltoluene	ug/kg	ND	50.0	07/06/17 02:14	
sec-Butylbenzene	ug/kg	ND	50.0	07/06/17 02:14	
Styrene	ug/kg	ND	50.0	07/06/17 02:14	
tert-Butylbenzene	ug/kg	ND	50.0	07/06/17 02:14	
Tetrachloroethene	ug/kg	ND	200	07/06/17 02:14	MN
Tetrahydrofuran	ug/kg	ND	2000	07/06/17 02:14	
Toluene	ug/kg	ND	50.0	07/06/17 02:14	
trans-1,2-Dichloroethene	ug/kg	ND	50.0	07/06/17 02:14	
trans-1,3-Dichloropropene	ug/kg	ND	200	07/06/17 02:14	
Trichloroethene	ug/kg	ND	50.0	07/06/17 02:14	
Trichlorofluoromethane	ug/kg	ND	200	07/06/17 02:14	
Vinyl chloride	ug/kg	ND	20.0	07/06/17 02:14	
Xylene (Total)	ug/kg	ND	150	07/06/17 02:14	
1,2-Dichloroethane-d4 (S)	%	98	75-125	07/06/17 02:14	
4-Bromofluorobenzene (S)	%	101	75-125	07/06/17 02:14	
Toluene-d8 (S)	%	99	75-125	07/06/17 02:14	

LABORATORY CONTROL SAMPLE & LCSD: 2632231

LABORATORY CONTROL SAMPLE & LCSD: 2632231			2632232							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1000	893	926	89	93	58-125	4	20	
1,1,1-Trichloroethane	ug/kg	1000	899	937	90	94	55-125	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	1000	922	934	92	93	66-125	1	20	
1,1,2-Trichloroethane	ug/kg	1000	922	925	92	93	65-125	0	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	1000	901	904	90	90	57-125	0	20	
1,1-Dichloroethane	ug/kg	1000	972	1010	97	101	60-125	3	20	
1,1-Dichloroethene	ug/kg	1000	894	896	89	90	56-125	0	20	
1,1-Dichloropropene	ug/kg	1000	942	956	94	96	55-129	1	20	
1,2,3-Trichlorobenzene	ug/kg	1000	809	841	81	84	59-125	4	20	
1,2,3-Trichloropropane	ug/kg	1000	935	959	94	96	65-125	2	20	
1,2,4-Trichlorobenzene	ug/kg	1000	857	893	86	89	61-125	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS251OC

Pace Project No.: 10394503

LABORATORY CONTROL SAMPLE & LCSD: 2632231			2632232							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	965	987	97	99	66-125	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2280	2340	91	93	53-125	3	20	
1,2-Dibromoethane (EDB)	ug/kg	1000	860	898	86	90	68-125	4	20	
1,2-Dichlorobenzene	ug/kg	1000	863	876	86	88	63-125	1	20	
1,2-Dichloroethane	ug/kg	1000	872	876	87	88	46-125	1	20	
1,2-Dichloropropane	ug/kg	1000	966	1020	97	102	65-125	5	20	
1,3,5-Trimethylbenzene	ug/kg	1000	974	1000	97	100	66-125	3	20	
1,3-Dichlorobenzene	ug/kg	1000	907	915	91	91	64-125	1	20	
1,3-Dichloropropane	ug/kg	1000	893	934	89	93	66-125	5	20	
1,4-Dichlorobenzene	ug/kg	1000	888	913	89	91	64-125	3	20	
2,2-Dichloropropane	ug/kg	1000	707	736	71	74	53-125	4	20	
2-Butanone (MEK)	ug/kg	5000	3910	3890	78	78	48-138	1	20	
2-Chlorotoluene	ug/kg	1000	922	956	92	96	60-125	4	20	
4-Chlorotoluene	ug/kg	1000	945	967	94	97	65-125	2	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	5000	4280	4480	86	90	54-141	5	20	
Acetone	ug/kg	5000	3440	3190	69	64	68-125	7	20	L2
Allyl chloride	ug/kg	1000	839	873	84	87	49-130	4	20	
Benzene	ug/kg	1000	933	956	93	96	61-125	2	20	
Bromobenzene	ug/kg	1000	917	937	92	94	63-125	2	20	
Bromochloromethane	ug/kg	1000	902	886	90	89	65-125	2	20	
Bromodichloromethane	ug/kg	1000	903	922	90	92	55-125	2	20	
Bromoform	ug/kg	1000	848	915	85	91	37-125	7	20	
Bromomethane	ug/kg	1000	1070	1050	107	105	47-125	3	20	CH
Carbon tetrachloride	ug/kg	1000	907	900	91	90	51-125	1	20	
Chlorobenzene	ug/kg	1000	875	916	88	92	63-125	5	20	
Chloroethane	ug/kg	1000	820	818	82	82	30-150	0	20	
Chloroform	ug/kg	1000	893	893	89	89	57-125	0	20	
Chloromethane	ug/kg	1000	644	658	64	66	45-125	2	20	
cis-1,2-Dichloroethene	ug/kg	1000	924	959	92	96	62-125	4	20	
cis-1,3-Dichloropropene	ug/kg	1000	1010	985	101	99	59-125	3	20	
Dibromochloromethane	ug/kg	1000	867	872	87	87	51-125	1	20	
Dibromomethane	ug/kg	1000	885	923	88	92	62-125	4	20	
Dichlorodifluoromethane	ug/kg	1000	619	594	62	59	30-125	4	20	
Dichlorofluoromethane	ug/kg	1000	885	918	88	92	30-150	4	20	
Diethyl ether (Ethyl ether)	ug/kg	1000	853	904	85	90	52-125	6	20	
Ethylbenzene	ug/kg	1000	959	1010	96	101	65-125	5	20	
Hexachloro-1,3-butadiene	ug/kg	1000	808	869	81	87	58-125	7	20	
Isopropylbenzene (Cumene)	ug/kg	1000	989	1020	99	102	65-125	4	20	
Methyl-tert-butyl ether	ug/kg	1000	886	897	89	90	60-125	1	20	
Methylene Chloride	ug/kg	1000	906	878	91	88	57-125	3	20	
n-Butylbenzene	ug/kg	1000	929	962	93	96	64-125	4	20	
n-Propylbenzene	ug/kg	1000	1020	1060	102	106	65-125	3	20	
Naphthalene	ug/kg	1000	942	900	94	90	61-125	5	20	
p-Isopropyltoluene	ug/kg	1000	1030	1030	103	103	64-125	1	20	
sec-Butylbenzene	ug/kg	1000	1010	1020	101	102	65-125	2	20	
Styrene	ug/kg	1000	905	952	90	95	66-125	5	20	
tert-Butylbenzene	ug/kg	1000	1010	1040	101	104	65-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS251OC

Pace Project No.: 10394503

LABORATORY CONTROL SAMPLE & LCSD:		2632231	2632232							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/kg	1000	874	888	87	89	65-125	2	20	
Tetrahydrofuran	ug/kg	10000	9000	9460	90	95	68-125	5	20	
Toluene	ug/kg	1000	891	926	89	93	67-125	4	20	
trans-1,2-Dichloroethene	ug/kg	1000	893	901	89	90	56-125	1	20	
trans-1,3-Dichloropropene	ug/kg	1000	870	929	87	93	63-125	7	20	
Trichloroethene	ug/kg	1000	942	951	94	95	63-125	1	20	
Trichlorofluoromethane	ug/kg	1000	876	870	88	87	35-141	1	20	
Vinyl chloride	ug/kg	1000	823	841	82	84	53-125	2	20	
Xylene (Total)	ug/kg	3000	2910	3060	97	102	67-125	5	20	
1,2-Dichloroethane-d4 (S)	%				99	98	75-125			
4-Bromofluorobenzene (S)	%				102	101	75-125			
Toluene-d8 (S)	%				98	100	75-125			

MATRIX SPIKE SAMPLE:		2632233	10394176001	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Parameter	Units	Result						
1,1,1,2-Tetrachloroethane	ug/kg	ND	1000	1090	109	64-150		
1,1,1-Trichloroethane	ug/kg	ND	1000	1070	107	56-150		
1,1,2,2-Tetrachloroethane	ug/kg	ND	1000	1130	113	61-150		
1,1,2-Trichloroethane	ug/kg	ND	1000	1060	106	63-149		
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	1000	1050	105	38-150		
1,1-Dichloroethane	ug/kg	ND	1000	1150	115	57-150		
1,1-Dichloroethene	ug/kg	ND	1000	1050	105	47-150		
1,1-Dichloropropene	ug/kg	ND	1000	1120	112	57-150		
1,2,3-Trichlorobenzene	ug/kg	ND	1000	988	99	57-150		
1,2,3-Trichloropropane	ug/kg	ND	1000	1080	108	61-150		
1,2,4-Trichlorobenzene	ug/kg	ND	1000	1020	102	54-150		
1,2,4-Trimethylbenzene	ug/kg	ND	1000	1130	113	55-150		
1,2-Dibromo-3-chloropropane	ug/kg	ND	2500	2630	105	55-150		
1,2-Dibromoethane (EDB)	ug/kg	ND	1000	1040	104	60-149		
1,2-Dichlorobenzene	ug/kg	ND	1000	1030	103	61-148		
1,2-Dichloroethane	ug/kg	ND	1000	1060	106	51-143		
1,2-Dichloropropane	ug/kg	ND	1000	1220	122	63-150		
1,3,5-Trimethylbenzene	ug/kg	ND	1000	1160	116	61-150		
1,3-Dichlorobenzene	ug/kg	ND	1000	1070	106	57-150		
1,3-Dichloropropane	ug/kg	ND	1000	1100	110	62-149		
1,4-Dichlorobenzene	ug/kg	ND	1000	1080	108	58-148		
2,2-Dichloropropane	ug/kg	ND	1000	856	86	45-149		
2-Butanone (MEK)	ug/kg	ND	5000	4890	98	55-150		
2-Chlorotoluene	ug/kg	ND	1000	1100	110	57-150		
4-Chlorotoluene	ug/kg	ND	1000	1120	112	61-150		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	5000	5230	105	61-150		
Acetone	ug/kg	ND	5000	4260	85	58-150		
Allyl chloride	ug/kg	ND	1000	1030	103	51-150		
Benzene	ug/kg	ND	1000	1140	114	54-150		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS251OC

Pace Project No.: 10394503

MATRIX SPIKE SAMPLE:		2632233	10394176001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
Bromobenzene	ug/kg	ND	1000	1090	109	59-150		
Bromochloromethane	ug/kg	ND	1000	1080	108	61-141		
Bromodichloromethane	ug/kg	ND	1000	1130	113	54-149		
Bromoform	ug/kg	ND	1000	1050	105	47-143		
Bromomethane	ug/kg	ND	1000	1250	126	36-135	CH	
Carbon tetrachloride	ug/kg	ND	1000	1050	105	51-150		
Chlorobenzene	ug/kg	ND	1000	1080	108	58-150		
Chloroethane	ug/kg	ND	1000	945	95	30-150		
Chloroform	ug/kg	ND	1000	1050	105	56-145		
Chloromethane	ug/kg	ND	1000	715	72	30-131		
cis-1,2-Dichloroethene	ug/kg	ND	1000	1160	116	59-150		
cis-1,3-Dichloropropene	ug/kg	ND	1000	1140	114	57-146		
Dibromochloromethane	ug/kg	ND	1000	1020	102	58-146		
Dibromomethane	ug/kg	ND	1000	1080	108	58-149		
Dichlorodifluoromethane	ug/kg	ND	1000	684	68	30-125		
Dichlorofluoromethane	ug/kg	ND	1000	1080	108	30-150		
Diethyl ether (Ethyl ether)	ug/kg	ND	1000	1080	109	43-150		
Ethylbenzene	ug/kg	ND	1000	1190	119	58-150		
Hexachloro-1,3-butadiene	ug/kg	ND	1000	1060	106	49-150		
Isopropylbenzene (Cumene)	ug/kg	ND	1000	1220	122	60-150		
Methyl-tert-butyl ether	ug/kg	ND	1000	1060	106	60-148		
Methylene Chloride	ug/kg	ND	1000	1070	105	52-146		
n-Butylbenzene	ug/kg	ND	1000	1100	110	58-150		
n-Propylbenzene	ug/kg	ND	1000	1230	123	61-150		
Naphthalene	ug/kg	ND	1000	1040	101	54-150		
p-Isopropyltoluene	ug/kg	ND	1000	1210	121	58-150		
sec-Butylbenzene	ug/kg	ND	1000	1190	119	61-150		
Styrene	ug/kg	ND	1000	1120	112	60-150		
tert-Butylbenzene	ug/kg	ND	1000	1200	120	61-150		
Tetrachloroethene	ug/kg	ND	1000	1030	104	62-150		
Tetrahydrofuran	ug/kg	ND	10000	10500	105	57-149		
Toluene	ug/kg	ND	1000	1070	107	60-150		
trans-1,2-Dichloroethene	ug/kg	ND	1000	1070	107	55-150		
trans-1,3-Dichloropropene	ug/kg	ND	1000	1070	107	60-150		
Trichloroethene	ug/kg	ND	1000	1120	112	59-150		
Trichlorofluoromethane	ug/kg	ND	1000	1080	108	30-150		
Vinyl chloride	ug/kg	ND	1000	1010	101	31-146		
Xylene (Total)	ug/kg	ND	3000	3510	117	55-150		
1,2-Dichloroethane-d4 (S)	%				102	75-125		
4-Bromofluorobenzene (S)	%				99	75-125		
Toluene-d8 (S)	%				99	75-125		

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QUALITY CONTROL DATA

Project: WAKS2510C

Pace Project No.: 10394503

SAMPLE DUPLICATE: 2632234

Parameter	Units	10394176002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Allyl chloride	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Dichlorofluoromethane	ug/kg	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: WAKS251OC

Pace Project No.: 10394503

SAMPLE DUPLICATE: 2632234

Parameter	Units	10394176002 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Tetrahydrofuran	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	98	96	1		
4-Bromofluorobenzene (S)	%.	103	102	1		
Toluene-d8 (S)	%.	98	98	1		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WAKS251OC
Pace Project No.: 10394503

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

1M	Waste dilution from a glass vial with headspace outside of 48 hours.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS251OC

Pace Project No.: 10394503

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10394503001	MW-3:P062717	EPA 5035/5030B	483284	EPA 8260B	483447

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10394503

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 1	
Company: <u>The ELAM Group</u>		Report To: <u>Jason Oland</u>		Attention: <u>James Hogan</u>		2134872	
Address: <u>116 W. Logan St.</u>		Copy To:		Company Name: <u>The ELAM Group</u>		REGULATORY AGENCY	
<u>Noblesville IN 46060</u>				Address:		☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER	
Email To: <u>Jason.Oland@elamusa.com</u>		Purchase Order No.: <u>WPK52570C 6.3</u>		Pace Quote Reference:		Site Location	
Phone:		Project Name: <u>WPK52570C</u>		Pace Project Manager: <u>Tia Diggins</u>		STATE: <u>WA</u>	
Requested Due Date/TAT: <u>Standard</u>		Project Number:		Pace Profile #:			

Section D Required Client Information		Matrix Codes MATRIX / CODE		COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓ 100s 8260	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Pace Project No. / Lab I.D.
				COMPOSITE START		COMPOSITE END (GRAB)				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																	
				DATE	TIME	DATE	TIME																											
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	DATE	TIME																											
1	MW-3:6062717	P	G		12:00	6/30/17	1530		3					X																				
2																																		
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
		<u>Jason Oland</u>		6/30/17	11:40	<u>Jason Oland</u>		6/30/17	11:40	12	Y	N	Y
		<u>Paula</u>		6/30/17	1200	<u>Paula</u>		7/11/17	7:00				

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <u>Jason Oland</u>					
SIGNATURE of SAMPLER: <u>Jason Oland</u>					
DATE Signed (MM/DD/YY): <u>6/30/17</u>					

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 19Dec2016 Page 1 of 2
	Document No.: F-MN-L-213-rev.20	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

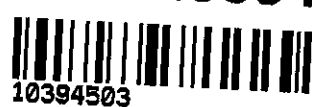
Client Name: The Elam Group

Project #: _____

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☒ Pace ☐ Speedee ☐ Other: _____

Tracking Number: 7722 2140 3326

WO# : 10394503



10394503

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No **Seals Intact?** ☒ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other: _____

Thermometer Used: ☒ 151401163 ☐ 151401164 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 5.2 **Cooler Temp Corrected (°C):** 5.2 **Temp Blank?** ☒ Yes ☐ No

USDA Regulated Soil (N/A, water sample): product **Correction Factor:** none **Biological Tissue Frozen?** ☐ Yes ☐ No ☒ N/A

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No **Date and Initials of Person Examining Contents:** RG 7/11/17

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

Chain of Custody Present?	Yes	No	COMMENTS:
Chain of Custody Filled Out?	☒ Yes	☐ No	1.
Chain of Custody Relinquished?	☒ Yes	☐ No	2.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No ☐ N/A	3.
Samples Arrived within Hold Time?	☒ Yes	☐ No	4.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	5.
Rush Turn Around Time Requested?	☐ Yes	☒ No	6.
Sufficient Volume?	☒ Yes	☐ No	7.
Correct Containers Used?	☒ Yes	☐ No	8.
-Pace Containers Used?	☒ Yes	☐ No	9.
Containers Intact?	☒ Yes	☐ No	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	☒ Yes	☐ No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>			
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin.	☐ Yes	☐ No ☒ N/A	Sample #
Headspace in VOA Vials (>6mm)?	☒ Yes	☐ No ☐ N/A	Initial when completed: Lot # of added preservative:
Trip Blank Present?	☒ Yes	☐ No ☐ N/A	14. <u>all 3 have headspace</u>
Trip Blank Custody Seals Present?	☒ Yes	☒ No ☐ N/A	15.
Pace Trip Blank Lot # (if purchased):	☐ Yes	☒ No ☐ N/A	

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____ **Field Data Required?** ☐ Yes ☐ No

Comments/Resolution: _____ **Date/Time:** _____

Project Manager Review:

[Signature] **Date:** 07/03/17

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).



Appendix F.3

3Q 2017 EOS Laboratory Report

October 09, 2017

Jason Oland
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS2510C Former Cherry Cleane
Pace Project No.: 10404490

Dear Jason Oland:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tia Diggins
tia.diggins@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: James Hogan, ELAM Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WAKS2510C Former Cherry Cleanse

Pace Project No.: 10404490

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming via EPA Region 8 Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10404490

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10404490001	MW3: PO91817	Solid	09/18/17 12:30	09/23/17 09:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10404490

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10404490001	MW3: PO91817	EPA 8260B	CD2	70	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10404490

Sample: MW3: PO91817 **Lab ID: 10404490001** Collected: 09/18/17 12:30 Received: 09/23/17 09:10 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Acetone	ND	ug/kg	9800	1	09/27/17 15:08	09/28/17 11:39	67-64-1	
Allyl chloride	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	107-05-1	
Benzene	ND	ug/kg	196	1	09/27/17 15:08	09/28/17 11:39	71-43-2	
Bromobenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	108-86-1	
Bromochloromethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	74-97-5	
Bromodichloromethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	75-27-4	
Bromoform	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	75-25-2	
Bromomethane	ND	ug/kg	4900	1	09/27/17 15:08	09/28/17 11:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9800	1	09/27/17 15:08	09/28/17 11:39	78-93-3	
n-Butylbenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	56-23-5	
Chlorobenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	108-90-7	
Chloroethane	ND	ug/kg	4900	1	09/27/17 15:08	09/28/17 11:39	75-00-3	
Chloroform	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	67-66-3	
Chloromethane	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4900	1	09/27/17 15:08	09/28/17 11:39	96-12-8	
Dibromochloromethane	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	106-93-4	
Dibromomethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	75-35-4	
cis-1,2-Dichloroethene	1020	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	156-60-5	
Dichlorofluoromethane	ND	ug/kg	4900	1	09/27/17 15:08	09/28/17 11:39	75-43-4	
1,2-Dichloropropane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	60-29-7	
Ethylbenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2450	1	09/27/17 15:08	09/28/17 11:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	99-87-6	
Methylene Chloride	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2450	1	09/27/17 15:08	09/28/17 11:39	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10404490

Sample: MW3: PO91817 **Lab ID: 10404490001** Collected: 09/18/17 12:30 Received: 09/23/17 09:10 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Methyl-tert-butyl ether	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	1634-04-4	
Naphthalene	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	91-20-3	
n-Propylbenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	103-65-1	
Styrene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	79-34-5	
Tetrachloroethene	68500	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	127-18-4	
Tetrahydrofuran	ND	ug/kg	19600	1	09/27/17 15:08	09/28/17 11:39	109-99-9	
Toluene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	79-00-5	
Trichloroethene	934	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	1960	1	09/27/17 15:08	09/28/17 11:39	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	490	1	09/27/17 15:08	09/28/17 11:39	108-67-8	
Vinyl chloride	ND	ug/kg	196	1	09/27/17 15:08	09/28/17 11:39	75-01-4	
Xylene (Total)	ND	ug/kg	1470	1	09/27/17 15:08	09/28/17 11:39	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%.	75-125	1	09/27/17 15:08	09/28/17 11:39	17060-07-0	1M
Toluene-d8 (S)	100	%.	75-125	1	09/27/17 15:08	09/28/17 11:39	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1	09/27/17 15:08	09/28/17 11:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane
Pace Project No.: 10404490

QC Batch:	499195	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260B MSV 5030 Med Level
Associated Lab Samples:	10404490001		

METHOD BLANK: 2714009 Matrix: Solid
Associated Lab Samples: 10404490001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.0	09/27/17 22:15	
1,1,1-Trichloroethane	ug/kg	ND	50.0	09/27/17 22:15	
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.0	09/27/17 22:15	
1,1,2-Trichloroethane	ug/kg	ND	50.0	09/27/17 22:15	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	200	09/27/17 22:15	
1,1-Dichloroethane	ug/kg	ND	50.0	09/27/17 22:15	
1,1-Dichloroethene	ug/kg	ND	50.0	09/27/17 22:15	
1,1-Dichloropropene	ug/kg	ND	50.0	09/27/17 22:15	
1,2,3-Trichlorobenzene	ug/kg	ND	50.0	09/27/17 22:15	
1,2,3-Trichloropropane	ug/kg	ND	200	09/27/17 22:15	
1,2,4-Trichlorobenzene	ug/kg	ND	50.0	09/27/17 22:15	
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	09/27/17 22:15	
1,2-Dibromo-3-chloropropane	ug/kg	ND	500	09/27/17 22:15	
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	09/27/17 22:15	
1,2-Dichlorobenzene	ug/kg	ND	50.0	09/27/17 22:15	
1,2-Dichloroethane	ug/kg	ND	50.0	09/27/17 22:15	
1,2-Dichloropropane	ug/kg	ND	50.0	09/27/17 22:15	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	09/27/17 22:15	
1,3-Dichlorobenzene	ug/kg	ND	50.0	09/27/17 22:15	
1,3-Dichloropropane	ug/kg	ND	50.0	09/27/17 22:15	
1,4-Dichlorobenzene	ug/kg	ND	50.0	09/27/17 22:15	
2,2-Dichloropropane	ug/kg	ND	200	09/27/17 22:15	
2-Butanone (MEK)	ug/kg	ND	1000	09/27/17 22:15	MN
2-Chlorotoluene	ug/kg	ND	50.0	09/27/17 22:15	
4-Chlorotoluene	ug/kg	ND	50.0	09/27/17 22:15	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	250	09/27/17 22:15	
Acetone	ug/kg	ND	1000	09/27/17 22:15	
Allyl chloride	ug/kg	ND	200	09/27/17 22:15	
Benzene	ug/kg	ND	20.0	09/27/17 22:15	
Bromobenzene	ug/kg	ND	50.0	09/27/17 22:15	
Bromochloromethane	ug/kg	ND	50.0	09/27/17 22:15	
Bromodichloromethane	ug/kg	ND	50.0	09/27/17 22:15	
Bromoform	ug/kg	ND	200	09/27/17 22:15	
Bromomethane	ug/kg	ND	500	09/27/17 22:15	
Carbon tetrachloride	ug/kg	ND	50.0	09/27/17 22:15	
Chlorobenzene	ug/kg	ND	50.0	09/27/17 22:15	
Chloroethane	ug/kg	ND	500	09/27/17 22:15	
Chloroform	ug/kg	ND	200	09/27/17 22:15	MN
Chloromethane	ug/kg	ND	200	09/27/17 22:15	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	09/27/17 22:15	
cis-1,3-Dichloropropene	ug/kg	ND	50.0	09/27/17 22:15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean
Pace Project No.: 10404490

METHOD BLANK: 2714009 Matrix: Solid
Associated Lab Samples: 10404490001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	200	09/27/17 22:15	
Dibromomethane	ug/kg	ND	50.0	09/27/17 22:15	
Dichlorodifluoromethane	ug/kg	ND	200	09/27/17 22:15	
Dichlorofluoromethane	ug/kg	ND	500	09/27/17 22:15	
Diethyl ether (Ethyl ether)	ug/kg	ND	200	09/27/17 22:15	
Ethylbenzene	ug/kg	ND	50.0	09/27/17 22:15	
Hexachloro-1,3-butadiene	ug/kg	ND	250	09/27/17 22:15	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	09/27/17 22:15	
Methyl-tert-butyl ether	ug/kg	ND	50.0	09/27/17 22:15	
Methylene Chloride	ug/kg	ND	200	09/27/17 22:15	
n-Butylbenzene	ug/kg	ND	50.0	09/27/17 22:15	
n-Propylbenzene	ug/kg	ND	50.0	09/27/17 22:15	
Naphthalene	ug/kg	ND	200	09/27/17 22:15	
p-Isopropyltoluene	ug/kg	ND	50.0	09/27/17 22:15	
sec-Butylbenzene	ug/kg	ND	50.0	09/27/17 22:15	
Styrene	ug/kg	ND	50.0	09/27/17 22:15	
tert-Butylbenzene	ug/kg	ND	50.0	09/27/17 22:15	
Tetrachloroethene	ug/kg	ND	50.0	09/27/17 22:15	
Tetrahydrofuran	ug/kg	ND	2000	09/27/17 22:15	
Toluene	ug/kg	ND	50.0	09/27/17 22:15	
trans-1,2-Dichloroethene	ug/kg	ND	50.0	09/27/17 22:15	
trans-1,3-Dichloropropene	ug/kg	ND	200	09/27/17 22:15	
Trichloroethene	ug/kg	ND	50.0	09/27/17 22:15	
Trichlorofluoromethane	ug/kg	ND	200	09/27/17 22:15	
Vinyl chloride	ug/kg	ND	20.0	09/27/17 22:15	
Xylene (Total)	ug/kg	ND	150	09/27/17 22:15	
1,2-Dichloroethane-d4 (S)	%	91	75-125	09/27/17 22:15	
4-Bromofluorobenzene (S)	%	98	75-125	09/27/17 22:15	
Toluene-d8 (S)	%	99	75-125	09/27/17 22:15	

LABORATORY CONTROL SAMPLE & LCSD: 2714010

		2714011									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,1,1,2-Tetrachloroethane	ug/kg	1000	873	832	87	83	58-125	5	20		
1,1,1-Trichloroethane	ug/kg	1000	825	805	83	81	55-125	2	20		
1,1,2,2-Tetrachloroethane	ug/kg	1000	922	889	92	89	66-125	4	20		
1,1,2-Trichloroethane	ug/kg	1000	913	897	91	90	65-125	2	20		
1,1,2-Trichlorotrifluoroethane	ug/kg	1000	958	959	96	96	57-125	0	20		
1,1-Dichloroethane	ug/kg	1000	811	814	81	81	60-125	0	20		
1,1-Dichloroethene	ug/kg	1000	809	824	81	82	56-125	2	20		
1,1-Dichloropropene	ug/kg	1000	840	848	84	85	55-129	1	20		
1,2,3-Trichlorobenzene	ug/kg	1000	961	930	96	93	59-125	3	20		
1,2,3-Trichloropropane	ug/kg	1000	958	925	96	92	65-125	4	20		
1,2,4-Trichlorobenzene	ug/kg	1000	934	941	93	94	61-125	1	20		

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10404490

LABORATORY CONTROL SAMPLE & LCSD: 2714010			2714011							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	973	939	97	94	66-125	4	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2290	2160	92	87	53-125	6	20	
1,2-Dibromoethane (EDB)	ug/kg	1000	916	888	92	89	68-125	3	20	
1,2-Dichlorobenzene	ug/kg	1000	954	933	95	93	63-125	2	20	
1,2-Dichloroethane	ug/kg	1000	810	768	81	77	46-125	5	20	
1,2-Dichloropropane	ug/kg	1000	899	874	90	87	65-125	3	20	
1,3,5-Trimethylbenzene	ug/kg	1000	986	949	99	95	66-125	4	20	
1,3-Dichlorobenzene	ug/kg	1000	951	928	95	93	64-125	2	20	
1,3-Dichloropropane	ug/kg	1000	938	899	94	90	66-125	4	20	
1,4-Dichlorobenzene	ug/kg	1000	937	914	94	91	64-125	2	20	
2,2-Dichloropropane	ug/kg	1000	744	717	74	72	53-125	4	20	
2-Butanone (MEK)	ug/kg	5000	4590	4220	92	84	48-138	9	20	
2-Chlorotoluene	ug/kg	1000	938	910	94	91	60-125	3	20	
4-Chlorotoluene	ug/kg	1000	866	862	87	86	65-125	1	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	5000	4960	4650	99	93	54-141	7	20	
Acetone	ug/kg	5000	3950	4300	79	86	68-125	8	20	
Allyl chloride	ug/kg	1000	780	791	78	79	49-130	1	20	
Benzene	ug/kg	1000	843	828	84	83	61-125	2	20	
Bromobenzene	ug/kg	1000	933	913	93	91	63-125	2	20	
Bromochloromethane	ug/kg	1000	879	856	88	86	65-125	3	20	
Bromodichloromethane	ug/kg	1000	820	783	82	78	55-125	5	20	
Bromoform	ug/kg	1000	788	767	79	77	37-125	3	20	
Bromomethane	ug/kg	1000	881	822	88	82	47-125	7	20	
Carbon tetrachloride	ug/kg	1000	792	790	79	79	51-125	0	20	
Chlorobenzene	ug/kg	1000	959	933	96	93	63-125	3	20	
Chloroethane	ug/kg	1000	867	782	87	78	30-150	10	20	
Chloroform	ug/kg	1000	834	812	83	81	57-125	3	20	
Chloromethane	ug/kg	1000	778	700	78	70	45-125	11	20	
cis-1,2-Dichloroethene	ug/kg	1000	812	779	81	78	62-125	4	20	
cis-1,3-Dichloropropene	ug/kg	1000	867	839	87	84	59-125	3	20	
Dibromochloromethane	ug/kg	1000	857	812	86	81	51-125	5	20	
Dibromomethane	ug/kg	1000	946	930	95	93	62-125	2	20	
Dichlorodifluoromethane	ug/kg	1000	746	706	75	71	30-125	6	20	
Dichlorofluoromethane	ug/kg	1000	920	865	92	86	30-150	6	20	
Diethyl ether (Ethyl ether)	ug/kg	1000	845	788	84	79	52-125	7	20	
Ethylbenzene	ug/kg	1000	891	887	89	89	65-125	0	20	
Hexachloro-1,3-butadiene	ug/kg	1000	840	881	84	88	58-125	5	20	
Isopropylbenzene (Cumene)	ug/kg	1000	955	936	95	94	65-125	2	20	
Methyl-tert-butyl ether	ug/kg	1000	864	819	86	82	60-125	5	20	
Methylene Chloride	ug/kg	1000	807	808	81	81	57-125	0	20	
n-Butylbenzene	ug/kg	1000	918	913	92	91	64-125	1	20	
n-Propylbenzene	ug/kg	1000	894	899	89	90	65-125	1	20	
Naphthalene	ug/kg	1000	1050	1010	105	101	61-125	5	20	
p-Isopropyltoluene	ug/kg	1000	981	981	98	98	64-125	0	20	
sec-Butylbenzene	ug/kg	1000	965	980	96	98	65-125	2	20	
Styrene	ug/kg	1000	965	957	97	96	66-125	1	20	
tert-Butylbenzene	ug/kg	1000	959	957	96	96	65-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10404490

LABORATORY CONTROL SAMPLE & LCSD: 2714010		2714011								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/kg	1000	982	972	98	97	65-125	1	20	
Tetrahydrofuran	ug/kg	10000	10000	9620	100	96	68-125	4	20	
Toluene	ug/kg	1000	921	920	92	92	67-125	0	20	
trans-1,2-Dichloroethene	ug/kg	1000	732	764	73	76	56-125	4	20	
trans-1,3-Dichloropropene	ug/kg	1000	864	844	86	84	63-125	2	20	
Trichloroethene	ug/kg	1000	946	910	95	91	63-125	4	20	
Trichlorofluoromethane	ug/kg	1000	927	873	93	87	35-141	6	20	
Vinyl chloride	ug/kg	1000	862	809	86	81	53-125	6	20	
Xylene (Total)	ug/kg	3000	2800	2770	93	92	67-125	1	20	
1,2-Dichloroethane-d4 (S)	%				92	91	75-125			
4-Bromofluorobenzene (S)	%				93	94	75-125			
Toluene-d8 (S)	%				100	99	75-125			

MATRIX SPIKE SAMPLE: 2714012		10404437005	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1150	1060	93	64-150	
1,1,1-Trichloroethane	ug/kg	ND	1150	1010	88	56-150	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1150	1130	99	61-150	
1,1,2-Trichloroethane	ug/kg	ND	1150	1060	93	63-149	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	1150	1170	102	38-150	
1,1-Dichloroethane	ug/kg	ND	1150	995	87	57-150	
1,1-Dichloroethene	ug/kg	ND	1150	1050	91	47-150	
1,1-Dichloropropene	ug/kg	ND	1150	1060	92	57-150	
1,2,3-Trichlorobenzene	ug/kg	ND	1150	1170	103	57-150	
1,2,3-Trichloropropane	ug/kg	ND	1150	1140	100	61-150	
1,2,4-Trichlorobenzene	ug/kg	ND	1150	1160	102	54-150	
1,2,4-Trimethylbenzene	ug/kg	ND	1150	1180	104	55-150	
1,2-Dibromo-3-chloropropane	ug/kg	ND	2860	2770	97	55-150	
1,2-Dibromoethane (EDB)	ug/kg	ND	1150	1080	94	60-149	
1,2-Dichlorobenzene	ug/kg	ND	1150	1170	102	61-148	
1,2-Dichloroethane	ug/kg	ND	1150	951	83	51-143	
1,2-Dichloropropane	ug/kg	ND	1150	1080	95	63-150	
1,3,5-Trimethylbenzene	ug/kg	ND	1150	1210	106	61-150	
1,3-Dichlorobenzene	ug/kg	ND	1150	1180	103	57-150	
1,3-Dichloropropane	ug/kg	ND	1150	1120	98	62-149	
1,4-Dichlorobenzene	ug/kg	ND	1150	1180	103	58-148	
2,2-Dichloropropane	ug/kg	ND	1150	891	78	45-149	
2-Butanone (MEK)	ug/kg	ND	5720	5060	89	55-150	
2-Chlorotoluene	ug/kg	ND	1150	1160	101	57-150	
4-Chlorotoluene	ug/kg	ND	1150	1100	96	61-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	5720	5730	100	61-150	
Acetone	ug/kg	ND	5720	4440	78	58-150	
Allyl chloride	ug/kg	ND	1150	964	84	51-150	
Benzene	ug/kg	ND	1150	1030	90	54-150	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10404490

MATRIX SPIKE SAMPLE:		2714012					
Parameter	Units	10404437005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	1150	1200	105	59-150	
Bromochloromethane	ug/kg	ND	1150	1070	94	61-141	
Bromodichloromethane	ug/kg	ND	1150	980	86	54-149	
Bromoform	ug/kg	ND	1150	961	84	47-143	
Bromomethane	ug/kg	ND	1150	975	85	36-135	
Carbon tetrachloride	ug/kg	ND	1150	1020	89	51-150	
Chlorobenzene	ug/kg	ND	1150	1200	105	58-150	
Chloroethane	ug/kg	ND	1150	988	86	30-150	
Chloroform	ug/kg	ND	1150	1010	87	56-145	
Chloromethane	ug/kg	ND	1150	857	75	30-131	
cis-1,2-Dichloroethene	ug/kg	ND	1150	968	85	59-150	
cis-1,3-Dichloropropene	ug/kg	ND	1150	1040	91	57-146	
Dibromochloromethane	ug/kg	ND	1150	1030	90	58-146	
Dibromomethane	ug/kg	ND	1150	1130	99	58-149	
Dichlorodifluoromethane	ug/kg	ND	1150	738	65	30-125	
Dichlorofluoromethane	ug/kg	ND	1150	1070	94	30-150	
Diethyl ether (Ethyl ether)	ug/kg	ND	1150	1000	87	43-150	
Ethylbenzene	ug/kg	ND	1150	1110	97	58-150	
Hexachloro-1,3-butadiene	ug/kg	ND	1150	1080	93	49-150	
Isopropylbenzene (Cumene)	ug/kg	ND	1150	1180	103	60-150	
Methyl-tert-butyl ether	ug/kg	ND	1150	1020	89	60-148	
Methylene Chloride	ug/kg	ND	1150	1010	87	52-146	
n-Butylbenzene	ug/kg	ND	1150	1130	99	58-150	
n-Propylbenzene	ug/kg	ND	1150	1160	101	61-150	
Naphthalene	ug/kg	ND	1150	1230	107	54-150	
p-Isopropyltoluene	ug/kg	ND	1150	1250	109	58-150	
sec-Butylbenzene	ug/kg	ND	1150	1250	109	61-150	
Styrene	ug/kg	ND	1150	1180	103	60-150	
tert-Butylbenzene	ug/kg	ND	1150	1220	106	61-150	
Tetrachloroethene	ug/kg	ND	1150	1260	110	62-150	
Tetrahydrofuran	ug/kg	ND	11500	11600	101	57-149	
Toluene	ug/kg	ND	1150	1150	101	60-150	
trans-1,2-Dichloroethene	ug/kg	ND	1150	932	81	55-150	
trans-1,3-Dichloropropene	ug/kg	ND	1150	1050	92	60-150	
Trichloroethene	ug/kg	ND	1150	1130	99	59-150	
Trichlorofluoromethane	ug/kg	ND	1150	1080	95	30-150	
Vinyl chloride	ug/kg	ND	1150	954	83	31-146	
Xylene (Total)	ug/kg	ND	3420	3480	102	55-150	
1,2-Dichloroethane-d4 (S)	%					91	75-125
4-Bromofluorobenzene (S)	%					96	75-125
Toluene-d8 (S)	%					99	75-125

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10404490

SAMPLE DUPLICATE: 2714013

Parameter	Units	10404437006 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Allyl chloride	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Dichlorofluoromethane	ug/kg	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10404490

SAMPLE DUPLICATE: 2714013

Parameter	Units	10404437006 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Tetrahydrofuran	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%.	95	91	1		
4-Bromofluorobenzene (S)	%.	95	96	7		
Toluene-d8 (S)	%.	101	99	3		

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QUALIFIERS

Project: WAKS2510C Former Cherry Cleane
Pace Project No.: 10404490

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

1M Waste dilution from packed vial outside of 48 hours.

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10404490

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10404490001	MW3: PO91817	EPA 5035/5030B	499195	EPA 8260B	499436

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10404490
Page: 1 of 1
2134877

Section A

Required Client Information:

Company: The ELAM Group
Address: 176 W. Logan St Suite 147 Noblesville, IN 46060
Email To: jason.oland@elamusa.com
Phone: 888-510-3536 x106 Fax:
Requested Due Date/TAT:

Section B

Required Project Information:

Report To: Jason Oland
Copy To: Tim Cornett
Email: tim.cornett@elamusa.com
Purchase Order No.: WAKS2510664
Project Name: Former Cherry Cleaners
Project Number: WAKS25106

Section C

Invoice Information:

Attention: James Hogan
Company Name: The ELAM Group
Address: james.hogan@elamusa.com
Pace Quote Reference:
Pace Project Manager: Tia Diggins
Pace Profile #: 37235/1

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location

STATE: WA

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.	
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		Analysis Test												
					DATE	TIME	DATE	TIME																								
1	MW3: P091817			G	9/18/17	1230				3					X																	001
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	Tim Cornett ELAM	9/22/17	1052	Mike Chen	9/22/17	1052	11.9	4	4
	John Gross / Pace	9/22/17	11:30		9/22/17	910	0.7	3	3

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:					
DATE Signed (MM/DD/YY):					

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 30Aug2017 Page 1 of 2
	Document No.: F-MN-L-213-rev.21	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt	Client Name: <u>The Elan Group</u>	Project #: WO# : 10404490
Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ SpeedDee ☐ Other: _____	 10404490	
Tracking Number: <u>744810327278</u>		

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No	Seals Intact? ☒ Yes ☐ No	Optional: Proj. Due Date: _____ Proj. Name: _____
Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other: _____	Temp Blank? ☒ Yes ☐ No	
Thermometer Used: ☐ 151401163 ☒ G87A9155100842	Type of Ice: ☒ Wet ☐ Blue ☐ None	☐ Samples on ice, cooling process has begun
Cooler Temp Read (°C): <u>1.2</u> Cooler Temp Corrected (°C): <u>0.7</u>	Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A	
Temp should be above freezing to 6°C Correction Factor: <u>-0.5</u>	Date and Initials of Person Examining Contents: <u>10/9/17</u>	
USDA Regulated Soil (☒ N/A, water sample) Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No		
If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.		

	COMMENTS:
Chain of Custody Present? ☒ Yes ☐ No	1.
Chain of Custody Filled Out? ☒ Yes ☐ No	2.
Chain of Custody Relinquished? ☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC? ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time? ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)? ☐ Yes ☒ No	6.
Rush Turn Around Time Requested? ☐ Yes ☒ No	7.
Sufficient Volume? ☒ Yes ☐ No	8.
Correct Containers Used? ☐ Yes ☐ No	9.
-Pace Containers Used? ☒ Yes ☐ No	10.
Containers Intact? ☒ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests? ☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? ☒ Yes ☐ No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	
All containers needing acid/base preservation have been checked? ☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide) ☐ Yes ☐ No ☒ N/A	Sample #
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin. ☒ Yes ☐ No ☐ N/A	Initial when completed: _____ Lot # of added preservative: _____
Headspace in VOA Vials (>6mm)? ☒ Yes ☐ No ☐ N/A	14. <u>MW 3: P091817 2/30694</u>
Trip Blank Present? ☐ Yes ☒ No ☐ N/A	15.
Trip Blank Custody Seals Present? ☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased): _____	

CLIENT NOTIFICATION/RESOLUTION		Field Data Required? ☐ Yes ☐ No
Person Contacted: _____	Date/Time: _____	
Comments/Resolution: _____		

Project Manager Review: <u>[Signature]</u>	Date: <u>09/25/17</u>
Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).	



Appendix F.4

1Q 2018 EOS Laboratory Report

March 15, 2018

Jason Oland
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS2510C Former Cherry
Pace Project No.: 10422278

Dear Jason Oland:

Enclosed are the analytical results for sample(s) received by the laboratory on March 01, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Timothy Sandager
timothy.sandager@pacelabs.com
(612)607-6456
Project Manager

Enclosures

cc: Chris Sloffer, The ELAM Group



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: WAKS2510C Former Cherry

Pace Project No.: 10422278

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10422278001	WM3 : P022718	Solid	02/27/18 10:51	03/01/18 10:15

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

	Document Name:	Document Revised: 14Dec2017
	Sample Condition Upon Receipt Form	Page 1 of 2
	Document No.: F-MN-L-213-rev.22	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Speedee ☐ Other: Tracking Number: <u>42493595 9243</u>	Client Name: <u>ELAM Group</u> Project #: <u>WO# : 10422278</u> PM: TAD Due Date: 03/15/18 CLIENT: ELAM Group

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No Seals Intact? ☒ Yes ☐ No Optional: Proj. Due Date: Proj. Name:

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: Temp Blank? ☒ Yes ☐ No

Thermometer ☒ 151401163 ☐ G87A9155100842 Used: Type of Ice: ☒ Wet ☐ Blue ☐ None ☐ Dry ☐ Melted

Cooler Temp Read (°C): 2.4 Cooler Temp Corrected (°C): 2.4 Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A
 Temp should be above freezing to 6°C Correction Factor: True Date and Initials of Person Examining Contents: 3/1/18

USDA Regulated Soil (☒ N/A, water sample)
 Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No
 Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present? ☒ Yes ☐ No	1.
Chain of Custody Filled Out? ☒ Yes ☐ No	2.
Chain of Custody Relinquished? ☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC? ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time? ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)? ☐ Yes ☒ No	6.
Rush Turn Around Time Requested? ☐ Yes ☒ No	7.
Sufficient Volume? ☒ Yes ☐ No	8.
Correct Containers Used? ☒ Yes ☐ No	9.
-Pace Containers Used? ☒ Yes ☐ No	
Containers Intact? ☒ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests? ☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? ☒ Yes ☐ No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>OL</u>	
All containers needing acid/base preservation have been checked? ☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide) ☐ Yes ☐ No ☒ N/A	Sample #
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin. ☐ Yes ☐ No ☒ N/A	Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)? ☐ Yes ☐ No ☒ N/A	14.
Trip Blank Present? ☐ Yes ☐ No ☒ N/A	15.
Trip Blank Custody Seals Present? ☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased):	

CLIENT NOTIFICATION/RESOLUTION Field Data Required? ☐ Yes ☐ No
 Person Contacted: Jason Oland Date/Time: 03/02/18 10:02 AM
 Comments/Resolution: Talked on phone regarding sample being recieved in the wrong container. He is okay with preserving in the lab, and flagging the results.

Project Manager Review: Tia Diggins Date: 03/02/18
 Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

Pace Analytical - Minnesota

Sample Delivery Group: L974971
Samples Received: 03/06/2018
Project Number: 10422278
Description: WAKS2510C Former Cherry

Report To: Tia Diggins
1700 Elm Street Suite 200
Minneapolis, MN 55414

Entire Report Reviewed By:



Nancy McLain
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
WM3: P022718 L974971-01	5	
Qc: Quality Control Summary	7	⁴ Cn
Volatile Organic Compounds (GC/MS) by Method 8260B	7	⁵ Sr
Gl: Glossary of Terms	13	
Al: Accreditations & Locations	14	⁶ Qc
Sc: Sample Chain of Custody	15	⁷ Gl
		⁸ Al
		⁹ Sc



WM3: P022718 L974971-01 Solid

Collected by

Collected date/time

Received date/time

02/27/18 10:51

03/06/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1081251	50	03/06/18 15:42	03/06/18 23:13	DWR

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Nancy McLain
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		500	2500	50	03/06/2018 23:13	WG1081251
Allyl chloride	U		75.0	250	50	03/06/2018 23:13	WG1081251
Benzene	U		13.5	50.0	50	03/06/2018 23:13	WG1081251
Bromobenzene	U		14.2	50.0	50	03/06/2018 23:13	WG1081251
Bromochloromethane	U		19.5	250	50	03/06/2018 23:13	WG1081251
Bromodichloromethane	U		12.7	50.0	50	03/06/2018 23:13	WG1081251
Bromoform	U		21.2	50.0	50	03/06/2018 23:13	WG1081251
Bromomethane	U		67.0	250	50	03/06/2018 23:13	WG1081251
n-Butylbenzene	U		12.9	50.0	50	03/06/2018 23:13	WG1081251
sec-Butylbenzene	U		10.0	50.0	50	03/06/2018 23:13	WG1081251
tert-Butylbenzene	U		10.3	50.0	50	03/06/2018 23:13	WG1081251
Carbon tetrachloride	U		16.4	50.0	50	03/06/2018 23:13	WG1081251
Chlorobenzene	U		10.6	50.0	50	03/06/2018 23:13	WG1081251
Chlorodibromomethane	U		18.6	50.0	50	03/06/2018 23:13	WG1081251
Chloroethane	U		47.3	250	50	03/06/2018 23:13	WG1081251
Chloroform	19.1	J	11.4	250	50	03/06/2018 23:13	WG1081251
Chloromethane	U		18.8	125	50	03/06/2018 23:13	WG1081251
2-Chlorotoluene	U		15.0	50.0	50	03/06/2018 23:13	WG1081251
4-Chlorotoluene	U		12.0	50.0	50	03/06/2018 23:13	WG1081251
1,2-Dibromo-3-Chloropropane	U		52.5	250	50	03/06/2018 23:13	WG1081251
1,2-Dibromoethane	U		17.2	50.0	50	03/06/2018 23:13	WG1081251
Dibromomethane	U		19.1	50.0	50	03/06/2018 23:13	WG1081251
1,2-Dichlorobenzene	U		15.2	50.0	50	03/06/2018 23:13	WG1081251
1,3-Dichlorobenzene	U		12.0	50.0	50	03/06/2018 23:13	WG1081251
1,4-Dichlorobenzene	U		11.3	50.0	50	03/06/2018 23:13	WG1081251
Dichlorodifluoromethane	U		35.6	250	50	03/06/2018 23:13	WG1081251
Dichlorofluoromethane	U	J5	6.30	250	50	03/06/2018 23:13	WG1081251
1,1-Dichloroethane	U		9.95	50.0	50	03/06/2018 23:13	WG1081251
1,2-Dichloroethane	U		13.2	50.0	50	03/06/2018 23:13	WG1081251
1,1-Dichloroethene	U		15.2	50.0	50	03/06/2018 23:13	WG1081251
cis-1,2-Dichloroethene	406		11.8	50.0	50	03/06/2018 23:13	WG1081251
trans-1,2-Dichloroethene	U		13.2	50.0	50	03/06/2018 23:13	WG1081251
1,2-Dichloropropane	U		17.9	50.0	50	03/06/2018 23:13	WG1081251
1,1-Dichloropropene	U		15.8	50.0	50	03/06/2018 23:13	WG1081251
1,3-Dichloropropane	U		10.4	50.0	50	03/06/2018 23:13	WG1081251
cis-1,3-Dichloropropene	U		13.1	50.0	50	03/06/2018 23:13	WG1081251
trans-1,3-Dichloropropene	U		13.4	50.0	50	03/06/2018 23:13	WG1081251
2,2-Dichloropropane	U		14.0	50.0	50	03/06/2018 23:13	WG1081251
Di-isopropyl ether	U		12.4	50.0	50	03/06/2018 23:13	WG1081251
Ethylbenzene	U		14.8	50.0	50	03/06/2018 23:13	WG1081251
Ethyl ether	U		19.4	50.0	50	03/06/2018 23:13	WG1081251
Hexachloro-1,3-butadiene	U		17.1	50.0	50	03/06/2018 23:13	WG1081251
Isopropylbenzene	U		12.2	50.0	50	03/06/2018 23:13	WG1081251
p-Isopropyltoluene	U		10.2	50.0	50	03/06/2018 23:13	WG1081251
2-Butanone (MEK)	1240		234	500	50	03/06/2018 23:13	WG1081251
Methylene Chloride	U		50.0	250	50	03/06/2018 23:13	WG1081251
4-Methyl-2-pentanone (MIBK)	U		94.0	500	50	03/06/2018 23:13	WG1081251
Methyl tert-butyl ether	U		10.6	50.0	50	03/06/2018 23:13	WG1081251
Naphthalene	U		50.0	250	50	03/06/2018 23:13	WG1081251
n-Propylbenzene	U		10.3	50.0	50	03/06/2018 23:13	WG1081251
Styrene	U		11.7	50.0	50	03/06/2018 23:13	WG1081251
1,1,1,2-Tetrachloroethane	U		13.2	50.0	50	03/06/2018 23:13	WG1081251
1,1,2,2-Tetrachloroethane	U		18.2	50.0	50	03/06/2018 23:13	WG1081251
1,1,2-Trichlorotrifluoroethane	U	J5	18.2	50.0	50	03/06/2018 23:13	WG1081251
Tetrachloroethene	6690	V	13.8	50.0	50	03/06/2018 23:13	WG1081251
Tetrahydrofuran	U		56.5	250	50	03/06/2018 23:13	WG1081251

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
Toluene	U		21.7	250	50	03/06/2018 23:13	WG1081251
1,2,3-Trichlorobenzene	U		15.3	50.0	50	03/06/2018 23:13	WG1081251
1,2,4-Trichlorobenzene	U		19.4	50.0	50	03/06/2018 23:13	WG1081251
1,1,1-Trichloroethane	U		14.3	50.0	50	03/06/2018 23:13	WG1081251
1,1,2-Trichloroethane	U		13.8	50.0	50	03/06/2018 23:13	WG1081251
Trichloroethene	175		14.0	50.0	50	03/06/2018 23:13	WG1081251
Trichlorofluoromethane	U	J5	19.1	250	50	03/06/2018 23:13	WG1081251
1,2,3-Trichloropropane	U		37.0	125	50	03/06/2018 23:13	WG1081251
1,2,4-Trimethylbenzene	U		10.6	50.0	50	03/06/2018 23:13	WG1081251
1,3,5-Trimethylbenzene	U		13.3	50.0	50	03/06/2018 23:13	WG1081251
Vinyl chloride	U		14.6	50.0	50	03/06/2018 23:13	WG1081251
Xylenes, Total	U		34.9	150	50	03/06/2018 23:13	WG1081251
(S) Toluene-d8	101			80.0-120		03/06/2018 23:13	WG1081251
(S) Dibromofluoromethane	96.4			74.0-131		03/06/2018 23:13	WG1081251
(S) a,a,a-Trifluorotoluene	102			80.0-120		03/06/2018 23:13	WG1081251
(S) 4-Bromofluorobenzene	101			64.0-132		03/06/2018 23:13	WG1081251

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3292269-3 03/06/18 22:34

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acetone	U		10.0	50.0
Benzene	U		0.270	1.00
Bromobenzene	U		0.284	1.00
Bromodichloromethane	U		0.254	1.00
Bromochloromethane	U		0.390	5.00
Bromoform	U		0.424	1.00
Bromomethane	U		1.34	5.00
n-Butylbenzene	U		0.258	1.00
sec-Butylbenzene	U		0.201	1.00
tert-Butylbenzene	U		0.206	1.00
Carbon tetrachloride	U		0.328	1.00
Chlorobenzene	U		0.212	1.00
Chlorodibromomethane	U		0.373	1.00
Chloroethane	U		0.946	5.00
Chloroform	U		0.229	5.00
Chloromethane	U		0.375	2.50
2-Chlorotoluene	U		0.301	1.00
4-Chlorotoluene	U		0.240	1.00
1,2-Dibromo-3-Chloropropane	U		1.05	5.00
1,2-Dibromoethane	U		0.343	1.00
Dibromomethane	U		0.382	1.00
1,2-Dichlorobenzene	U		0.305	1.00
1,3-Dichlorobenzene	U		0.239	1.00
1,4-Dichlorobenzene	U		0.226	1.00
Dichlorodifluoromethane	U		0.713	5.00
Dichlorofluoromethane	U		0.126	5.00
1,1-Dichloroethane	U		0.199	1.00
1,2-Dichloroethane	U		0.265	1.00
1,1-Dichloroethene	U		0.303	1.00
cis-1,2-Dichloroethene	U		0.235	1.00
trans-1,2-Dichloroethene	U		0.264	1.00
1,2-Dichloropropane	U		0.358	1.00
1,1-Dichloropropene	U		0.317	1.00
1,3-Dichloropropane	U		0.207	1.00
cis-1,3-Dichloropropene	U		0.262	1.00
trans-1,3-Dichloropropene	U		0.267	1.00
2,2-Dichloropropane	U		0.279	1.00
Di-isopropyl ether	U		0.248	1.00
Ethylbenzene	U		0.297	1.00
Ethyl ether	U		0.389	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3292269-3 03/06/18 22:34

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Hexachloro-1,3-butadiene	U		0.342	1.00
Isopropylbenzene	U		0.243	1.00
p-Isopropyltoluene	U		0.204	1.00
2-Butanone (MEK)	U		4.68	10.0
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		1.88	10.0
Methyl tert-butyl ether	U		0.212	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.206	1.00
Styrene	U		0.234	1.00
1,1,1,2-Tetrachloroethane	U		0.264	1.00
1,1,2,2-Tetrachloroethane	U		0.365	1.00
Tetrachloroethene	U		0.276	1.00
Tetrahydrofuran	U		1.13	5.00
Toluene	U		0.434	5.00
1,1,2-Trichlorotrifluoroethane	U		0.365	1.00
1,2,3-Trichlorobenzene	U		0.306	1.00
1,2,4-Trichlorobenzene	U		0.388	1.00
1,1,1-Trichloroethane	U		0.286	1.00
1,1,2-Trichloroethane	U		0.277	1.00
Trichloroethene	U		0.279	1.00
Trichlorofluoromethane	U		0.382	5.00
1,2,3-Trichloropropane	U		0.741	2.50
1,2,4-Trimethylbenzene	U		0.211	1.00
1,3,5-Trimethylbenzene	U		0.266	1.00
Vinyl chloride	U		0.291	1.00
Xylenes, Total	U		0.698	3.00
Allyl Chloride	U		1.50	5.00
(S) Toluene-d8	105			80.0-120
(S) Dibromofluoromethane	95.6			74.0-131
(S) a,a,a-Trifluorotoluene	102			80.0-120
(S) 4-Bromofluorobenzene	92.2			64.0-132

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3292269-1 03/06/18 21:15 • (LCSD) R3292269-2 03/06/18 21:35

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	125	115	107	92.2	85.4	11.0-160			7.64	23
Benzene	25.0	22.8	23.3	91.2	93.0	71.0-124			1.92	20
Bromobenzene	25.0	22.4	23.8	89.5	95.4	78.0-120			6.35	20
Bromodichloromethane	25.0	23.8	24.7	95.2	98.9	75.0-120			3.80	20
Bromochloromethane	25.0	26.2	26.6	105	106	80.0-121			1.26	20
Bromoform	25.0	24.6	26.2	98.3	105	65.0-133			6.52	20
Bromomethane	25.0	27.3	27.3	109	109	26.0-160			0.0219	20
n-Butylbenzene	25.0	22.3	24.4	89.1	97.6	73.0-126			9.10	20
sec-Butylbenzene	25.0	21.6	23.4	86.6	93.8	75.0-121			7.98	20
tert-Butylbenzene	25.0	21.5	23.1	85.9	92.4	74.0-122			7.35	20
Carbon tetrachloride	25.0	21.2	21.8	84.6	87.0	66.0-123			2.80	20
Chlorobenzene	25.0	24.6	25.2	98.5	101	79.0-121			2.34	20
Chlorodibromomethane	25.0	24.5	24.8	98.2	99.3	74.0-128			1.15	20
Chloroethane	25.0	23.1	22.4	92.3	89.7	51.0-147			2.76	20
Chloroform	25.0	24.1	24.8	96.4	99.4	73.0-123			3.03	20
Chloromethane	25.0	19.7	20.0	79.0	80.1	51.0-138			1.45	20
2-Chlorotoluene	25.0	23.0	24.8	91.9	99.2	72.0-124			7.69	20
4-Chlorotoluene	25.0	22.4	24.2	89.5	96.7	78.0-120			7.78	20
1,2-Dibromo-3-Chloropropane	25.0	22.1	23.2	88.5	92.9	65.0-126			4.85	20
1,2-Dibromoethane	25.0	25.0	25.1	100	101	78.0-122			0.493	20
Dibromomethane	25.0	24.1	24.8	96.6	99.3	79.0-120			2.74	20
1,2-Dichlorobenzene	25.0	24.7	26.7	98.8	107	80.0-120			7.66	20
1,3-Dichlorobenzene	25.0	24.2	25.6	96.6	102	72.0-123			5.73	20
1,4-Dichlorobenzene	25.0	24.4	26.0	97.8	104	77.0-120			6.21	20
Dichlorodifluoromethane	25.0	18.9	18.9	75.6	75.7	49.0-155			0.218	20
Dichlorofluoromethane	25.0	25.8	26.2	103	105	58.0-139			1.38	20
1,1-Dichloroethane	25.0	22.5	22.8	89.9	91.2	70.0-128			1.38	20
1,2-Dichloroethane	25.0	24.5	24.5	98.0	98.1	69.0-128			0.0941	20
1,1-Dichloroethene	25.0	23.5	23.7	94.2	94.8	63.0-131			0.625	20
cis-1,2-Dichloroethene	25.0	23.8	23.6	95.2	94.4	74.0-123			0.811	20
trans-1,2-Dichloroethene	25.0	23.4	23.2	93.8	92.8	72.0-122			1.04	20
1,2-Dichloropropane	25.0	23.2	24.3	92.9	97.0	75.0-126			4.33	20
1,1-Dichloropropene	25.0	21.8	22.4	87.0	89.5	72.0-130			2.82	20
1,3-Dichloropropane	25.0	25.5	25.5	102	102	80.0-121			0.256	20
cis-1,3-Dichloropropene	25.0	24.4	25.0	97.6	100	80.0-125			2.54	20
trans-1,3-Dichloropropene	25.0	24.6	25.3	98.3	101	75.0-129			2.76	20
2,2-Dichloropropane	25.0	21.2	22.2	84.9	88.8	60.0-129			4.53	20
Di-isopropyl ether	25.0	23.4	23.9	93.8	95.8	62.0-133			2.10	20
Ethylbenzene	25.0	22.8	23.7	91.4	94.9	77.0-120			3.77	20
Ethyl ether	25.0	26.7	26.1	107	104	63.0-129			2.37	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

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Qc

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Gl

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Al

9

Sc



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3292269-1 03/06/18 21:15 • (LCSD) R3292269-2 03/06/18 21:35

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Hexachloro-1,3-butadiene	25.0	24.8	27.1	99.0	108	68.0-128			9.03	20
Isopropylbenzene	25.0	20.5	22.2	81.9	88.8	75.0-120			8.15	20
p-Isopropyltoluene	25.0	22.0	23.4	88.1	93.7	74.0-125			6.14	20
2-Butanone (MEK)	125	118	113	94.3	90.0	37.0-159			4.65	20
Methylene Chloride	25.0	25.4	25.4	102	102	67.0-123			0.107	20
4-Methyl-2-pentanone (MIBK)	125	116	112	92.8	89.4	60.0-144			3.66	20
Methyl tert-butyl ether	25.0	25.9	25.6	104	103	66.0-125			1.15	20
Naphthalene	25.0	25.7	26.6	103	106	64.0-125			3.32	20
n-Propylbenzene	25.0	21.3	22.8	85.2	91.3	78.0-120			6.89	20
Styrene	25.0	21.7	23.5	87.0	94.0	78.0-124			7.74	20
1,1,1,2-Tetrachloroethane	25.0	23.8	23.9	95.2	95.5	74.0-124			0.293	20
1,1,2,2-Tetrachloroethane	25.0	23.2	23.6	92.9	94.3	73.0-120			1.43	20
Tetrachloroethene	25.0	23.7	24.0	94.8	96.1	70.0-127			1.37	20
Tetrahydrofuran	25.0	20.3	19.3	81.3	77.2	49.0-140			5.22	21
Toluene	25.0	22.6	23.2	90.3	92.7	77.0-120			2.68	20
1,1,2-Trichlorotrifluoroethane	25.0	24.4	25.2	97.8	101	64.0-135			3.24	20
1,2,3-Trichlorobenzene	25.0	25.9	28.2	104	113	68.0-126			8.39	20
1,2,4-Trichlorobenzene	25.0	25.4	27.5	101	110	70.0-127			8.17	20
1,1,1-Trichloroethane	25.0	22.5	23.0	90.1	92.1	69.0-125			2.18	20
1,1,2-Trichloroethane	25.0	25.4	24.4	102	97.7	78.0-120			3.92	20
Trichloroethene	25.0	25.1	26.2	101	105	79.0-120			4.35	20
Trichlorofluoromethane	25.0	25.3	25.5	101	102	59.0-136			0.877	20
1,2,3-Trichloropropane	25.0	24.0	25.3	96.0	101	73.0-124			5.22	20
1,2,4-Trimethylbenzene	25.0	21.9	23.9	87.6	95.5	75.0-120			8.58	20
1,3,5-Trimethylbenzene	25.0	22.0	24.0	87.8	96.0	75.0-120			8.89	20
Vinyl chloride	25.0	22.9	22.8	91.4	91.1	63.0-134			0.389	20
Xylenes, Total	75.0	70.6	72.0	94.1	96.0	77.0-120			1.96	20
Allyl Chloride	125	122	122	97.6	97.9	70.0-130			0.376	20
(S) Toluene-d8				102	101	80.0-120				
(S) Dibromofluoromethane				101	98.7	74.0-131				
(S) a,a,a-Trifluorotoluene				102	103	80.0-120				
(S) 4-Bromofluorobenzene				90.1	90.5	64.0-132				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L974971-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L974971-01 03/06/18 23:13 • (MS) R3292269-5 03/07/18 05:11 • (MSD) R3292269-6 03/07/18 05:30

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	125	U	4250	4170	67.9	66.6	50	10.0-160			1.91	36
Benzene	25.0	U	1510	1610	121	129	50	13.0-146			6.42	27
Bromobenzene	25.0	U	1500	1570	120	126	50	10.0-149			4.72	33
Bromodichloromethane	25.0	U	1420	1550	113	124	50	15.0-142			8.84	28
Bromochloromethane	25.0	U	1600	1620	128	130	50	24.0-146			1.50	27
Bromoform	25.0	U	1570	1650	126	132	50	10.0-147			5.18	31
Bromomethane	25.0	U	1630	1710	131	137	50	10.0-160			4.64	32
n-Butylbenzene	25.0	U	1490	1560	119	124	50	10.0-154			4.28	37
sec-Butylbenzene	25.0	U	1510	1590	121	127	50	10.0-151			5.43	36
tert-Butylbenzene	25.0	U	1470	1560	118	125	50	10.0-152			5.87	35
Carbon tetrachloride	25.0	U	1460	1580	117	127	50	13.0-140			7.87	30
Chlorobenzene	25.0	U	1600	1600	128	128	50	10.0-149			0.392	31
Chlorodibromomethane	25.0	U	1500	1510	120	121	50	12.0-147			1.01	29
Chloroethane	25.0	U	647	650	51.7	52.0	50	10.0-159			0.543	33
Chloroform	25.0	19.1	1540	1650	121	131	50	18.0-148			7.12	28
Chloromethane	25.0	U	1440	1590	115	127	50	10.0-146			9.54	29
2-Chlorotoluene	25.0	U	1580	1650	126	132	50	10.0-151			4.59	35
4-Chlorotoluene	25.0	U	1540	1610	123	129	50	10.0-150			4.61	35
1,2-Dibromo-3-Chloropropane	25.0	U	1570	1660	126	132	50	10.0-149			5.26	34
1,2-Dibromoethane	25.0	U	1570	1610	126	129	50	14.0-145			2.35	28
Dibromomethane	25.0	U	1470	1630	117	130	50	18.0-144			10.4	27
1,2-Dichlorobenzene	25.0	U	1550	1660	124	133	50	10.0-153			7.13	34
1,3-Dichlorobenzene	25.0	U	1510	1600	121	128	50	10.0-150			5.63	35
1,4-Dichlorobenzene	25.0	U	1550	1580	124	126	50	10.0-148			2.22	34
Dichlorodifluoromethane	25.0	U	1740	1830	139	147	50	10.0-160			5.46	30
Dichlorofluoromethane	25.0	U	2170	2130	174	170	50	10.0-159	J5	J5	1.95	35
1,1-Dichloroethane	25.0	U	1470	1550	118	124	50	19.0-148			5.02	28
1,2-Dichloroethane	25.0	U	1500	1580	120	126	50	17.0-147			5.11	27
1,1-Dichloroethene	25.0	U	1690	1740	135	139	50	10.0-150			3.10	31
cis-1,2-Dichloroethene	25.0	406	1900	1990	120	126	50	16.0-145			4.27	28
trans-1,2-Dichloroethene	25.0	U	1560	1690	125	136	50	11.0-142			8.31	29
1,2-Dichloropropane	25.0	U	1450	1520	116	122	50	17.0-148			5.13	28
1,1-Dichloropropene	25.0	U	1540	1690	123	135	50	10.0-150			8.88	30
1,3-Dichloropropane	25.0	U	1530	1590	122	127	50	16.0-148			3.83	27
cis-1,3-Dichloropropene	25.0	U	1490	1560	119	125	50	13.0-150			4.49	28
trans-1,3-Dichloropropene	25.0	U	1540	1560	123	124	50	10.0-152			1.03	29
2,2-Dichloropropane	25.0	U	1460	1560	117	125	50	16.0-143			6.14	30
Di-isopropyl ether	25.0	U	1420	1500	113	120	50	16.0-149			5.79	28
Ethylbenzene	25.0	U	1550	1600	124	128	50	10.0-147			2.77	31
Ethyl ether	25.0	U	1740	1760	139	141	50	10.0-152			1.22	28

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L974971-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L974971-01 03/06/18 23:13 • (MS) R3292269-5 03/07/18 05:11 • (MSD) R3292269-6 03/07/18 05:30

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexachloro-1,3-butadiene	25.0	U	1210	1250	97.2	100	50	10.0-154			3.17	40
Isopropylbenzene	25.0	U	1430	1510	114	121	50	10.0-147			5.31	33
p-Isopropyltoluene	25.0	U	1460	1550	117	124	50	10.0-156			6.41	37
2-Butanone (MEK)	125	1240	7320	7320	97.3	97.2	50	10.0-160			0.0641	33
Methylene Chloride	25.0	U	1520	1620	122	129	50	16.0-139			6.12	29
4-Methyl-2-pentanone (MIBK)	125	U	7660	7550	123	121	50	12.0-160			1.49	32
Methyl tert-butyl ether	25.0	U	1600	1640	128	131	50	21.0-145			1.98	29
Naphthalene	25.0	U	1360	1470	109	118	50	10.0-153			7.72	36
n-Propylbenzene	25.0	U	1510	1570	121	126	50	10.0-151			3.82	34
Styrene	25.0	U	1450	1540	116	123	50	10.0-155			5.71	34
1,1,1,2-Tetrachloroethane	25.0	U	1440	1460	115	116	50	10.0-147			1.04	30
1,1,2,2-Tetrachloroethane	25.0	U	1560	1600	125	128	50	10.0-155			2.60	31
Tetrachloroethene	25.0	6690	8800	8180	169	120	50	10.0-144	V		7.30	32
Tetrahydrofuran	25.0	U	1510	1550	121	124	50	10.0-160			2.86	33
Toluene	25.0	U	1490	1540	119	123	50	10.0-144			3.59	28
1,1,2-Trichlorotrifluoroethane	25.0	U	1980	2040	158	163	50	10.0-153	J5	J5	2.88	33
1,2,3-Trichlorobenzene	25.0	U	1210	1340	97.2	107	50	10.0-153			10.1	40
1,2,4-Trichlorobenzene	25.0	U	1360	1430	108	114	50	10.0-156			4.99	40
1,1,1-Trichloroethane	25.0	U	1550	1650	124	132	50	18.0-145			6.46	29
1,1,2-Trichloroethane	25.0	U	1540	1540	123	123	50	12.0-151			0.0989	28
Trichloroethene	25.0	175	1810	1900	131	138	50	11.0-148			4.94	29
Trichlorofluoromethane	25.0	U	2190	2330	175	186	50	10.0-157	J5	J5	5.87	34
1,2,3-Trichloropropane	25.0	U	1700	1650	136	132	50	10.0-154			2.81	32
1,2,4-Trimethylbenzene	25.0	U	1470	1520	117	122	50	10.0-151			3.66	34
1,3,5-Trimethylbenzene	25.0	U	1510	1580	120	126	50	10.0-150			4.82	33
Vinyl chloride	25.0	U	1730	1850	138	148	50	10.0-150			6.68	29
Xylenes, Total	75.0	U	4690	4780	125	127	50	10.0-150			1.90	31
Allyl Chloride	125	U	7900	8370	126	134	50	50.0-150			5.80	20
(S) Toluene-d8					102	99.7		80.0-120				
(S) Dibromofluoromethane					100	99.7		74.0-131				
(S) a,a,a-Trifluorotoluene					99.7	101		80.0-120				
(S) 4-Bromofluorobenzene					97.2	99.9		64.0-132				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
V	The sample concentration is too high to evaluate accurate spike recoveries.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gi

8 Ai

9 Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T 104704245-17-14
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

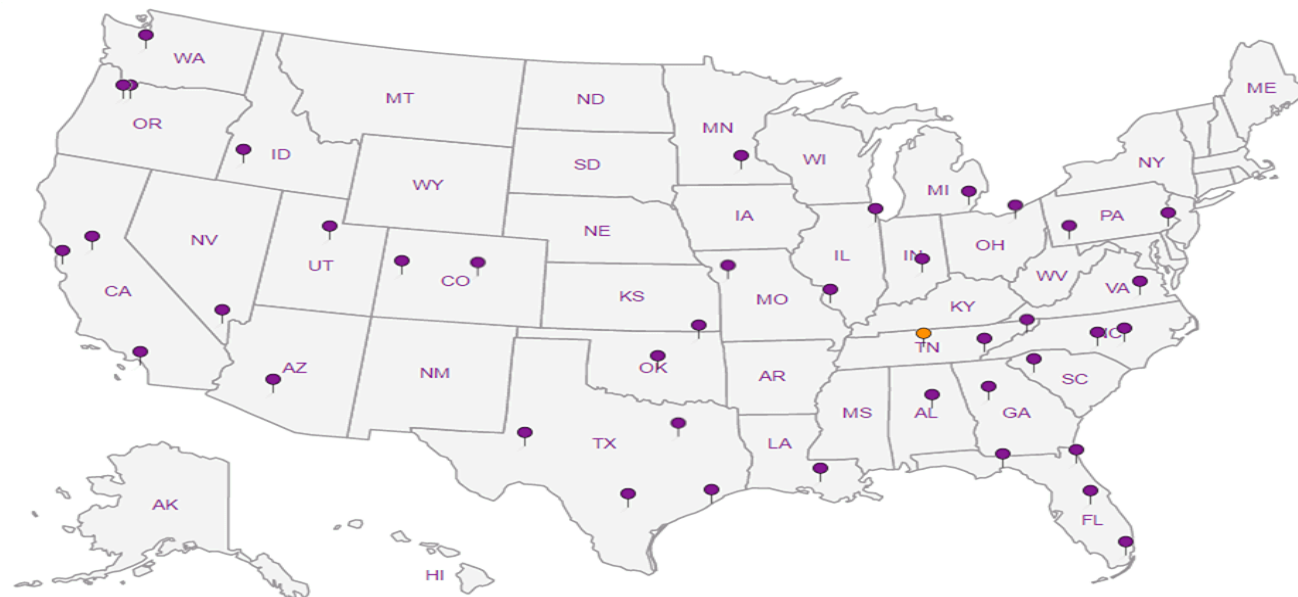
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



Chain of Custody

G042



Results Requested By: 3/15/2018

Workorder: 10422278

Workorder Name: WAKS2510C Former Cherry

Report / Invoice To		Subcontract To		Requested Analysis												LAB USE ONLY	
Tia Diggins Pace Analytical Minnesota 1700 Elm Street Suite 200 Minneapolis, MN 55414 Phone (612)607-1700 Email tia.diggins@pacelabs.com		P.O. _____															
State of Sample Origin: WA				Preserved Containers								8260 VDC					
Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Unpreserved												
1	WM3 : P022716	2/27/2018 10:51	10422278001	Solid										X			-01
2																	
3																	
4																	
5																	
														Comments			
Transfers	Released By	Date/Time	Received By	Date/Time													
1	Wing Velds PACE	3/5/18 1530															
2			B. Brown	3/16/18													
3																	
Cooler Temperature on Receipt 26 °C		Custody Seal Y or N		Received on Ice Y or N		Samples Intact Y or N											

26

7475 9831 2837

ESC LAB SCIENCES Cooler Receipt Form

Client: <u>PACEMIV</u>	SDG#		
Cooler Received/Opened On: <u>3/6/18</u>	Temperature:	<u>2.6</u>	
Received By: <u>Branford Shaw</u>			
Signature: <u>B. Shaw</u>			
Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	/		
COC Signed / Accurate?		/	
Bottles arrive intact?		/	
Correct bottles used?		/	
Sufficient volume sent?		/	
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			



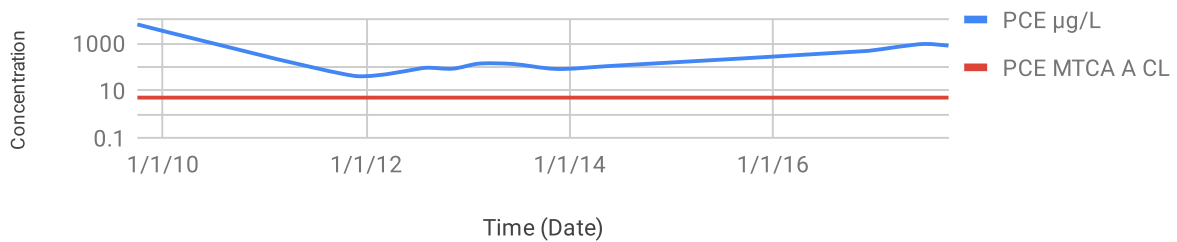
Appendix G

Time-Series Plots of Groundwater Data

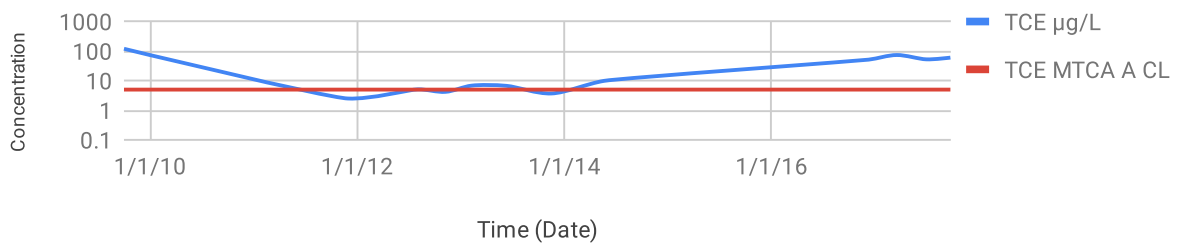
Table 1
Chlorinated Solvent Concentrations Over Time at MW-1
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
10/1/09	6200	120	240	<61
11/29/11	40.3	2.5	6.2	<1.0
8/2/12	91.2	5.1	15.2	<1.0
11/7/12	83.7	4.2	15.4	<0.40
2/7/13	136	6.8	19.8	<0.40
6/10/13	132	6.7	23.7	<0.40
11/15/13	81.3	3.7	19.7	0.44
5/21/14	108	9.9	30.4	0.37
12/8/16	472	51.5	312	4.2
3/17/17	681	73.7	404	3.2
6/29/17	928	52.7	344	3.5
9/22/17	784	60.3	499	3.5

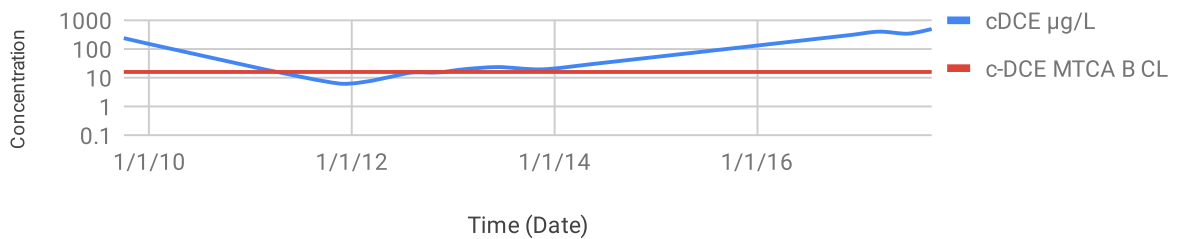
MW-1: Groundwater PCE Concentration vs. Time



MW-1: Groundwater TCE Concentration vs. Time



MW-1: Groundwater cDCE Concentration vs. Time



MW-1: Groundwater VC Concentration vs. Time

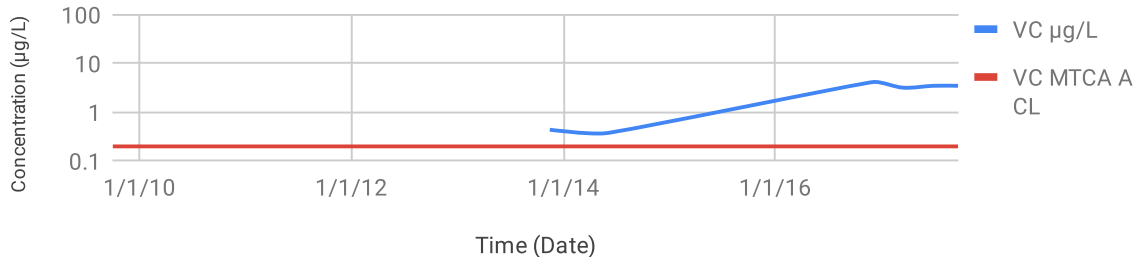
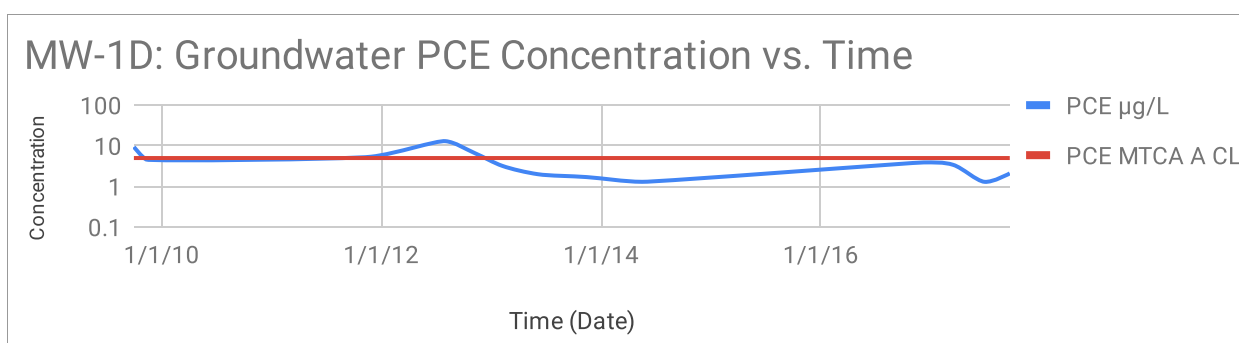


Table 2
Chlorinated Solvent Concentrations Over Time at MW-1D
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
10/1/09	9.4	0.2	<0.2	<0.2
11/11/09	4.6	<0.2	<0.2	<0.2
11/29/11	5.4	<1.0	<1.0	<1.0
8/2/12	13	<1.0	<1.0	<1.0
11/7/12	6.6	<1.0	<1.0	<0.40
2/7/13	3.2	<1.0	<1.0	<0.40
6/5/13	2	<1.0	<1.0	<0.40
11/14/13	1.7	<0.40	<1.0	<0.40
5/17/14	1.3	<0.40	<0.10	<0.020
12/8/16	3.9	<0.40	<0.50	<0.20
3/16/17	3.4	<0.40	<0.50	<0.20
6/28/17	1.3	<0.40	<0.50	<0.20
9/20/17	2.1	<0.40	<0.50	<0.20



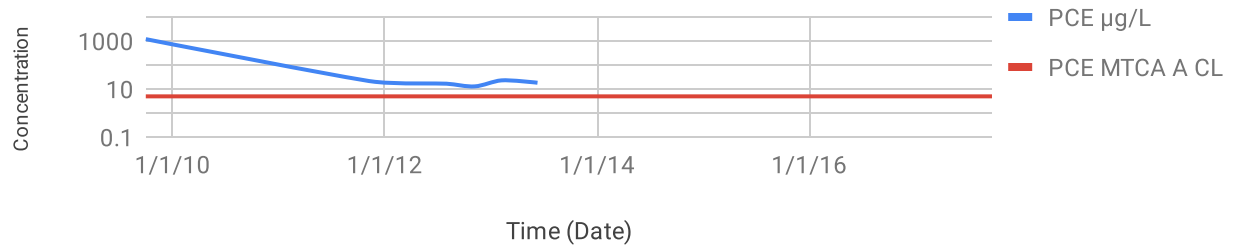
Notes

TCE, cDCE, and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

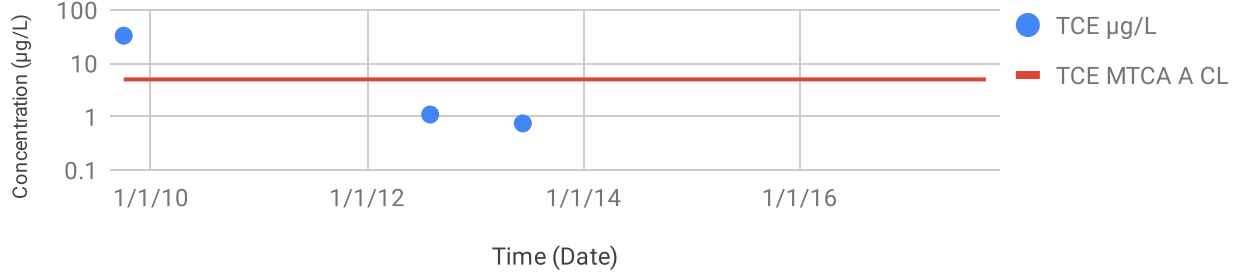
Table 3
Chlorinated Solvent Concentrations Over Time at MW-2
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
10/1/09	1200	33	9.6	<4.0
11/29/11	20.1	<1.0	<1.0	<1.0
8/1/12	16.8	1.1	<1.0	<1.0
11/6/12	13	<1.0	<0.40	<0.40
2/6/13	23.1	<1.0	<0.40	<0.40
6/10/13	18.4	0.75	<0.40	<0.40

MW-2: Groundwater PCE Concentration vs. Time



MW-2: Groundwater TCE Concentration vs. Time



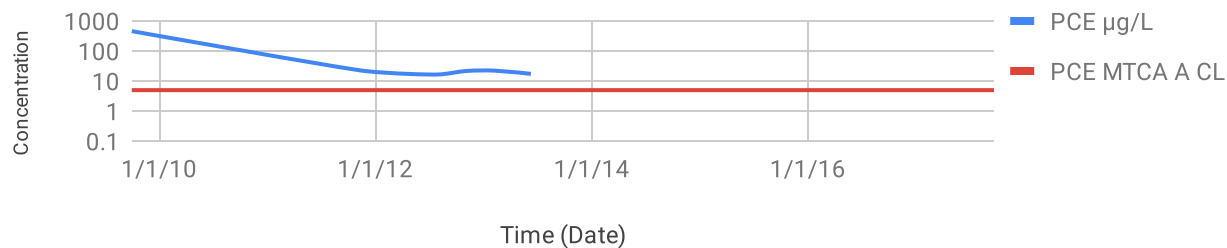
Notes

cDCE and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

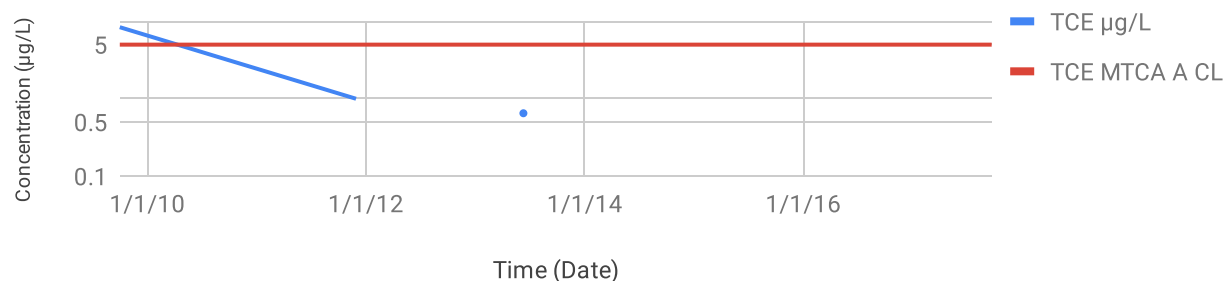
Table 4
Chlorinated Solvent Concentrations Over Time at MW-3
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
10/1/09	460	8.4	<3.0	<3.0
11/29/11	21.6	1	<1.0	<1.0
8/1/12	16.6	<1.0	<1.0	<1.0
11/6/12	21.8	<1.0	<1.0	<0.40
2/7/13	22.3	<1.0	<1.0	<0.40
6/10/13	17.4	0.65	<1.0	<0.40

MW-3: Groundwater PCE Concentration vs. Time



MW-3: Groundwater TCE Concentration vs. Time

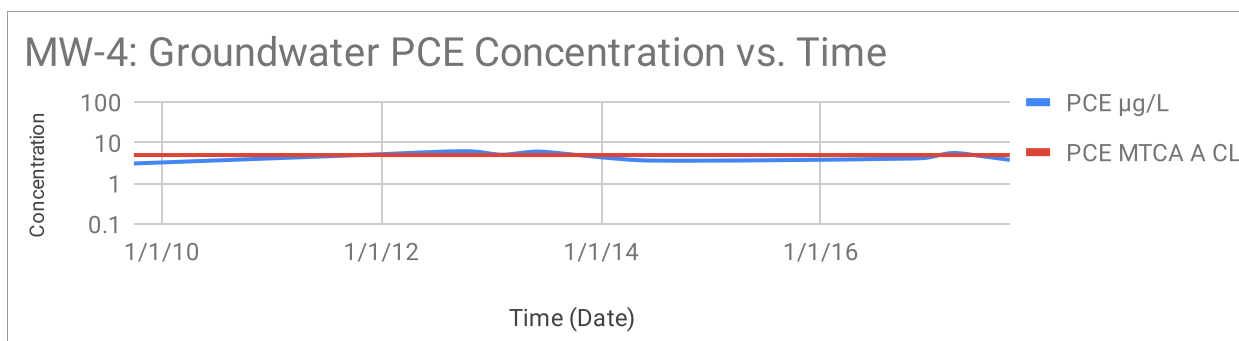


Notes

cDCE and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

Table 5
Chlorinated Solvent Concentrations Over Time at MW-4
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
9/30/09	3.1	<0.2	<0.2	<0.2
11/22/11	5.1	<1.0	<1.0	<1.0
8/1/12	6.1	<1.0	<1.0	<1.0
11/5/12	6.1	<1.0	<1.0	<0.40
2/5/13	5.1	<1.0	<1.0	<0.40
6/5/13	6.1	<1.0	<1.0	<0.40
5/17/14	3.7	<0.10	<0.10	<0.020
12/8/16	4.2	<0.40	<0.50	<0.20
3/14/17	5.6	<0.40	<0.50	<0.20
6/28/17	4.6	<0.40	<0.50	<0.20
9/20/17	3.8	<0.40	<0.50	<0.20



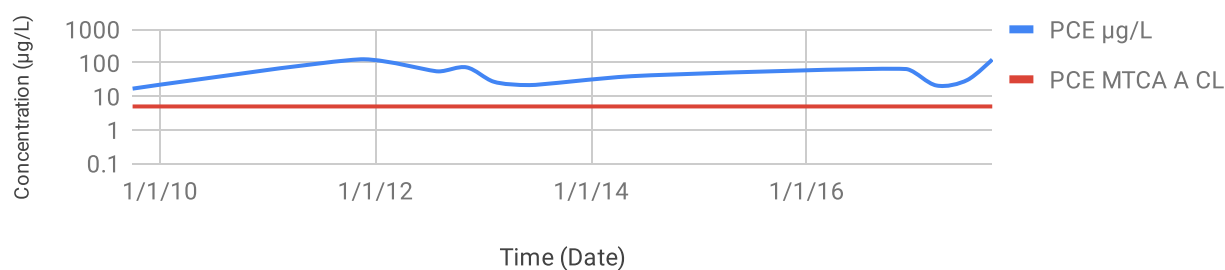
Notes

TCE, cDCE, and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

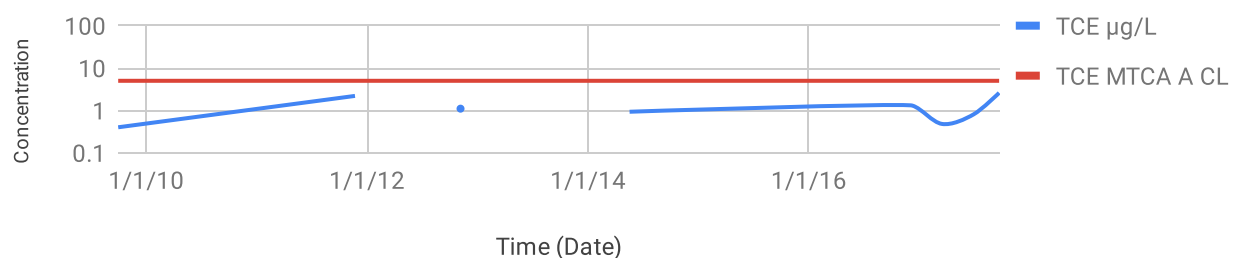
Table 6
Chlorinated Solvent Concentrations Over Time at MW-5
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
9/30/09	17	0.4	<0.2	<0.2
11/22/11	128	2.2	<1.0	<1.0
8/1/12	55.6	<1.0	<1.0	<1.0
11/5/2012	73.2	1.1	<1.0	<0.40
2/4/13	27.5	<1.0	<1.0	<0.40
6/6/13	21.7	<0.40	<1.0	<0.40
5/18/14	40	0.93	<0.10	<0.020
12/8/16	64.3	1.3	<0.50	<0.20
3/16/17	21.1	0.48	<0.50	<0.20
6/29/17	30.9	0.81	<0.50	<0.20
9/21/17	126	2.6	<0.50	<0.20

MW-5: Groundwater PCE Concentration vs. Time



MW-5: Groundwater TCE Concentration vs. Time

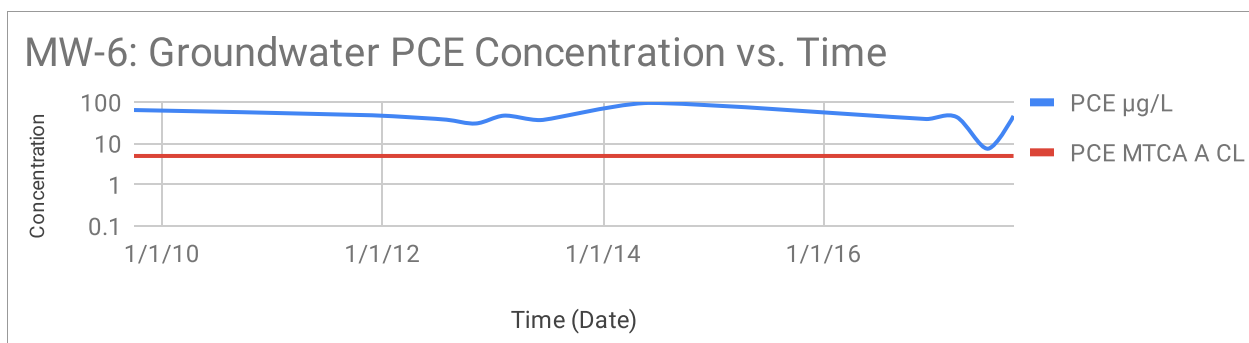


Notes

cDCE and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

Table 7
Chlorinated Solvent Concentrations Over Time at MW-6
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
10/1/09	65	0.6	<0.4	<0.4
11/29/11	48.5	<1.0	<1.0	<1.0
8/1/12	37.9	<1.0	<1.0	<1.0
11/6/12	30.7	<1.0	<1.0	<0.40
2/6/13	47.5	<1.0	<1.0	<0.40
6/7/13	37.1	<0.40	<1.0	<0.40
5/18/14	96	1.0	<0.10	<0.020
12/7/16	39.3	<0.40	<0.50	<0.20
3/16/17	44.2	<0.40	<0.50	<0.20
6/29/17	7.5	<0.40	<0.50	<0.20
9/21/17	46.8	<0.40	<0.50	<0.20



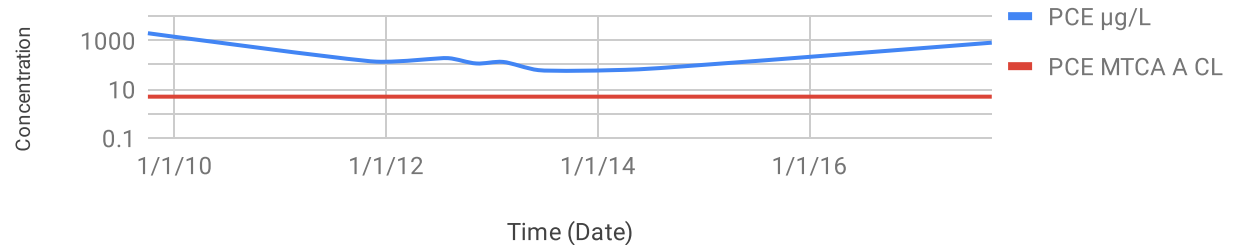
Notes

TCE, cDCE, and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

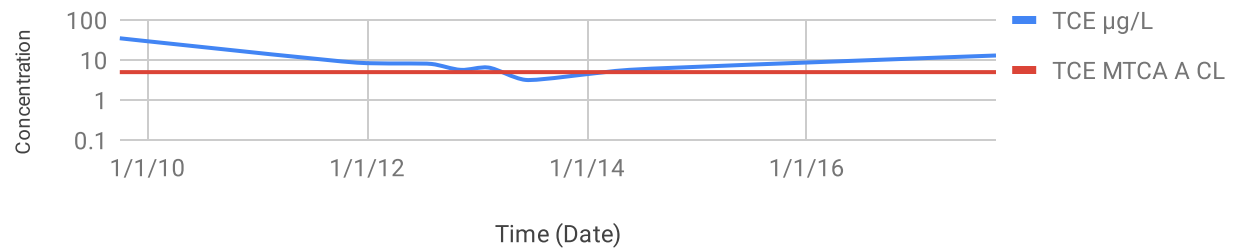
Table 8
Chlorinated Solvent Concentrations Over Time at MW-7
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
10/1/09	2000	35	100	<20
11/29/11	136	8.6	48.6	<1.0
8/2/12	190	8	36.6	<1.0
11/7/12	115	5.7	28.5	<0.40
2/7/13	133	6.5	37.5	<0.40
6/10/13	61.2	3.2	32.6	0.46
5/21/14	66	5.7	33	0.38
9/21/17	819	13.0	220	1.6

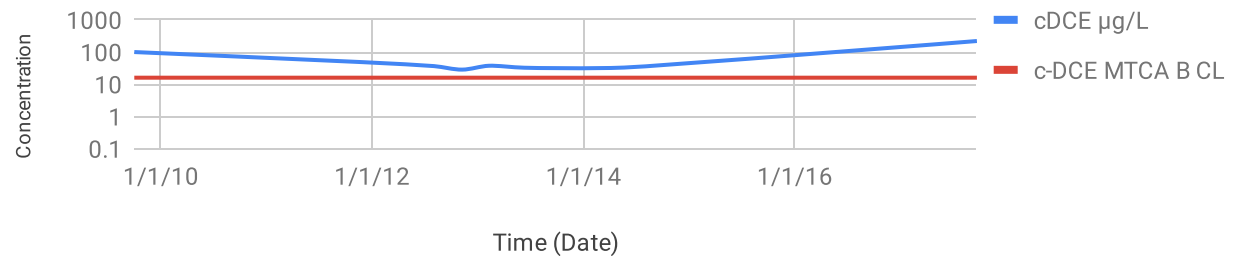
MW-7: Groundwater PCE Concentration vs. Time



MW-7: Groundwater TCE Concentration vs. Time



MW-7: Groundwater cDCE Concentration vs. Time

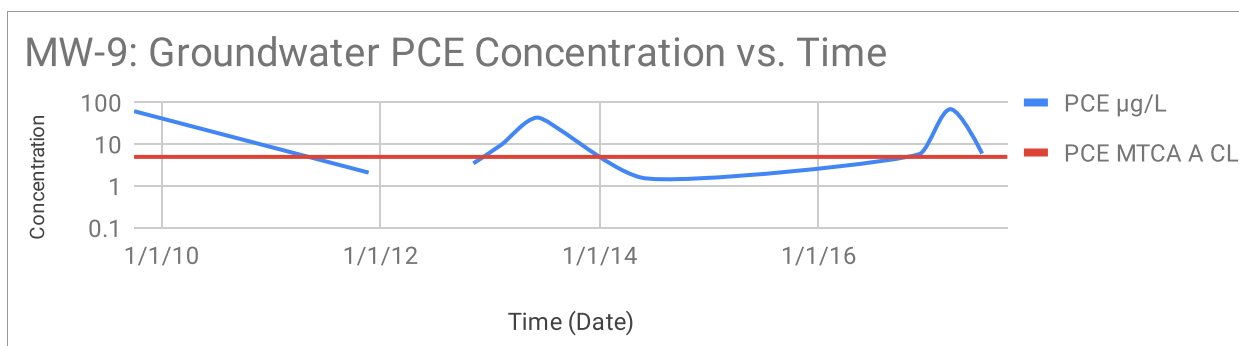


Note

VC concentration vs. time chart is not displayed due to lack of concentration data above laboratory reporting limit

Table 9
Chlorinated Solvent Concentrations Over Time at MW-9
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
10/1/09	62	1.7	<1.0	<1.0
11/22/11	2.1	<1.0	<1.0	<1.0
7/31/12	<1.0	<1.0	<1.0	<1.0
11/5/12	3.5	<1.0	<1.0	<0.40
2/5/13	9.6	<1.0	<1.0	<0.40
6/5/13	43.6	1.3	<1.0	<0.40
5/18/14	1.6	0.072	<0.10	<0.020
12/6/16	6.1	<0.40	<0.50	<0.20
3/14/17	69.2	2.0	1.2	<0.20
6/28/17	6	<0.40	<0.50	<0.20
9/20/17	<0.50	<0.40	<0.50	<0.20



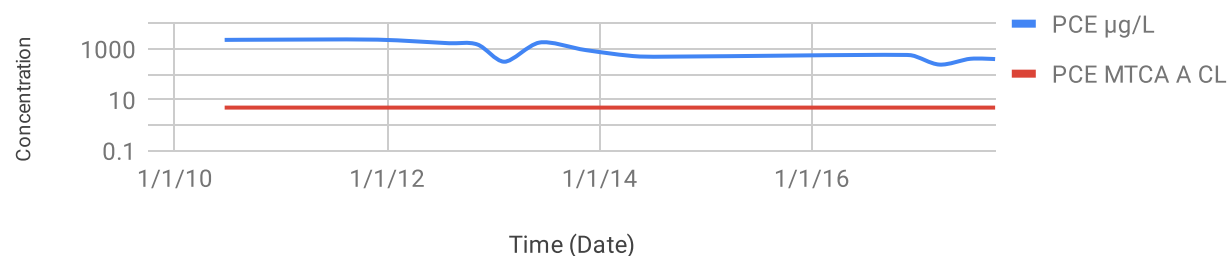
Notes

TCE, cDCE, and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

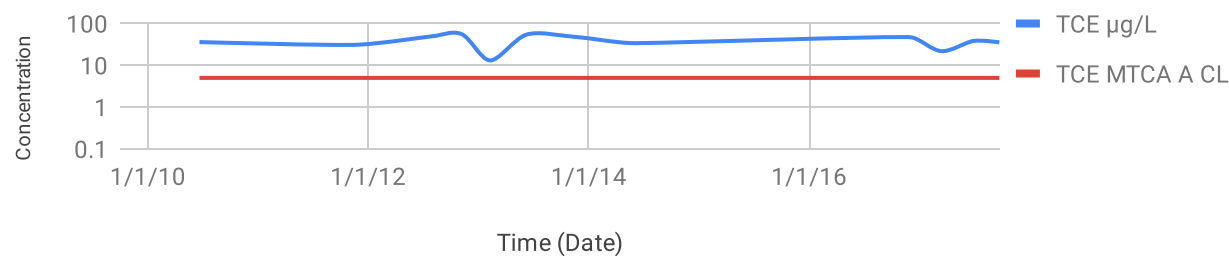
Table 10
Chlorinated Solvent Concentrations Over Time at MW-11
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
6/21/10	2300	36	2.6	<2.0
11/29/11	2350	31.1	2.6	<1.0
8/1/12	1700	49.5	3.4	<1.0
11/6/12	1520	55.5	<10	<4.0
2/6/13	319	13.1	<5.0	<2.0
6/7/13	1800	53.8	<10	<10.0
11/15/13	910	47.9	<5.0	<2.0
5/19/14	510	34	12	<0.020
12/6/16	575	46.5	86.1	<0.20
3/14/17	246	21.8	40.7	<0.20
6/29/17	416	38.3	79.8	<1.0
9/22/17	404	35.4	90.5	<0.40

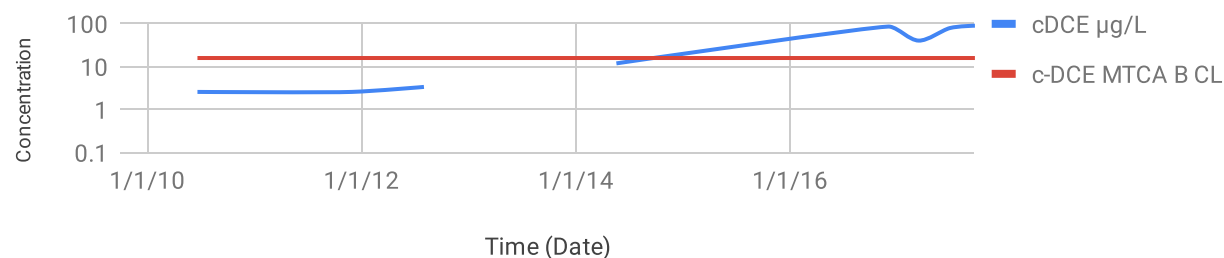
MW-11: Groundwater PCE Concentration vs. Time



MW-11: Groundwater TCE Concentration vs. Time



MW-11: Groundwater cDCE Concentration vs. Time



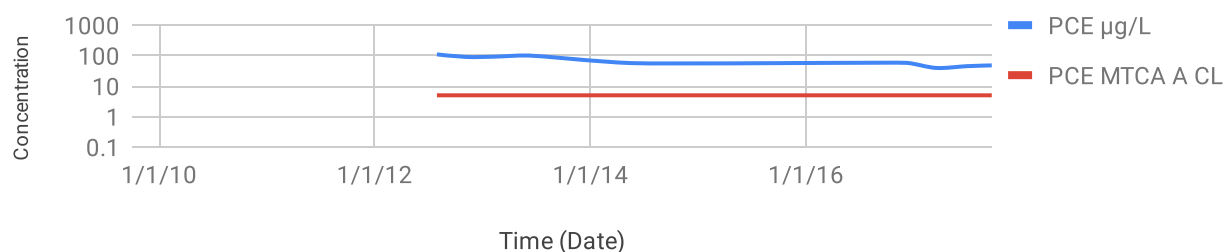
Notes

VC concentration vs. time chart is not displayed due to lack of concentration data above laboratory reporting limit

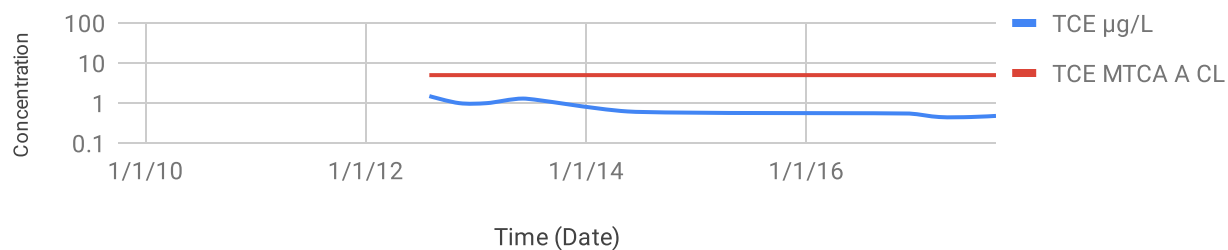
Table 11
Chlorinated Solvent Concentrations Over Time at MW-13
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
7/30/12	110	1.5	<1.0	<1.0
11/6/12	90.6	1	<1.0	<0.40
2/6/13	92.4	1	<1.0	<0.40
6/6/13	101	1.3	<1.0	<0.40
5/18/14	57	0.62	<0.10	<0.020
12/8/16	57.9	0.55	<0.50	<0.20
3/17/17	39.5	0.45	<0.50	<0.20
6/29/17	45.2	0.45	<0.50	<0.20
9/21/17	47.9	0.48	<0.50	<0.20

MW-13: Groundwater PCE Concentration vs. Time



MW-13: Groundwater TCE Concentration vs. Time



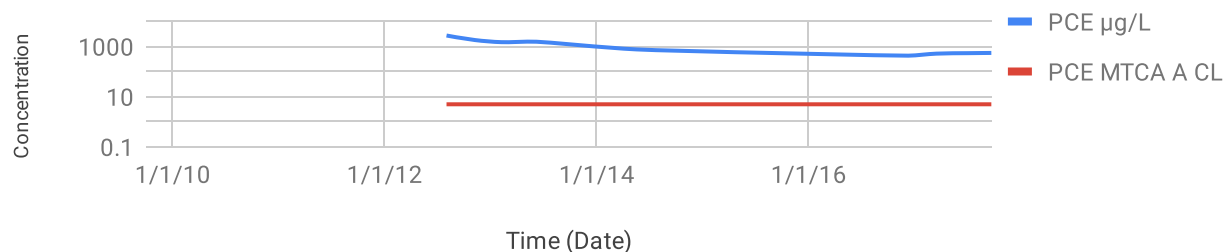
Notes

cDCE and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

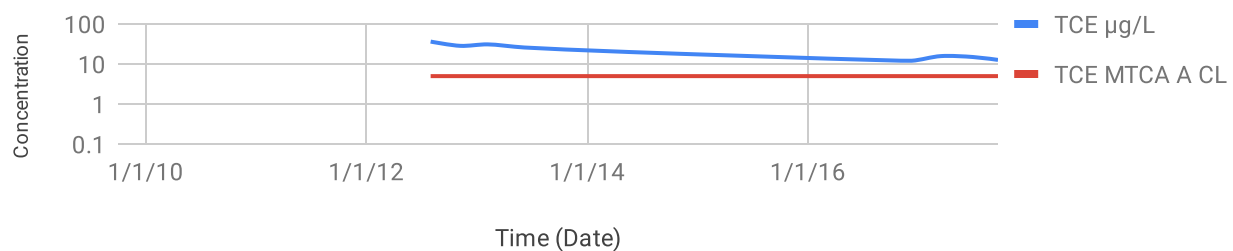
Table 12
Chlorinated Solvent Concentrations Over Time at MW-15
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
8/1/2012	2760	36.4	4.5	<1.0
11/7/12	1820	28.5	<10	<4.0
2/6/2013	1500	31	2.7	<0.40
6/7/2013	1560	25.9	<10.0	<10.0
5/19/14	770	20	1.0	<0.020
12/9/16	434	12.1	<0.50	<0.20
3/16/17	523	15.8	1.3	<0.20
6/30/17	546	15	<2.5	<1.0
9/21/17	558	12.7	<2.5	<1.0

MW-15: Groundwater PCE Concentration vs. Time



MW-15: Groundwater TCE Concentration vs. Time

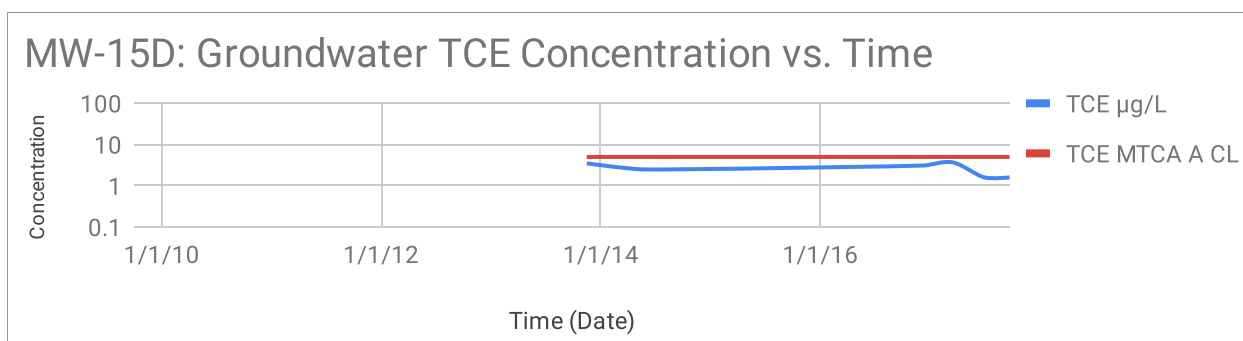
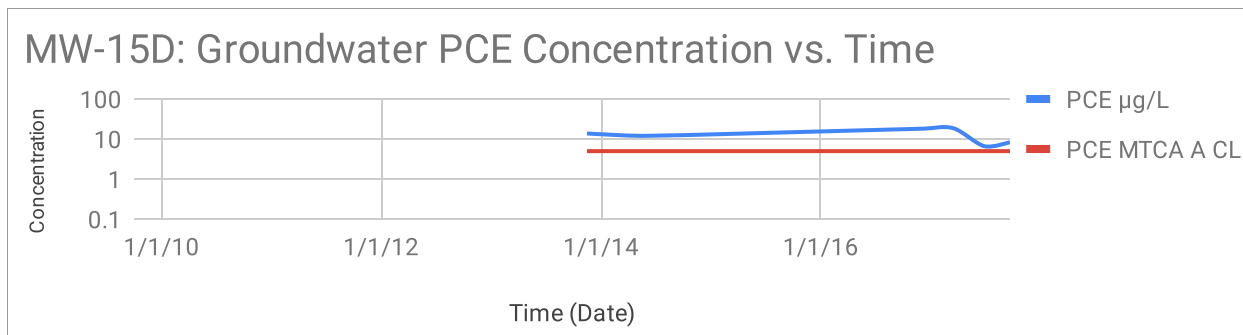


Notes

cDCE and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

Table 13
Chlorinated Solvent Concentrations Over Time at MW-15D
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
11/15/13	13.8	3.5	<1.0	<0.40
5/17/14	12	2.5	<0.10	<0.020
12/9/16	18.2	3.1	<0.50	<0.20
3/16/17	18.7	3.7	<0.50	<0.20
6/29/17	6.6	1.6	<0.50	<0.20
9/21/17	8.4	1.6	<0.50	<0.20

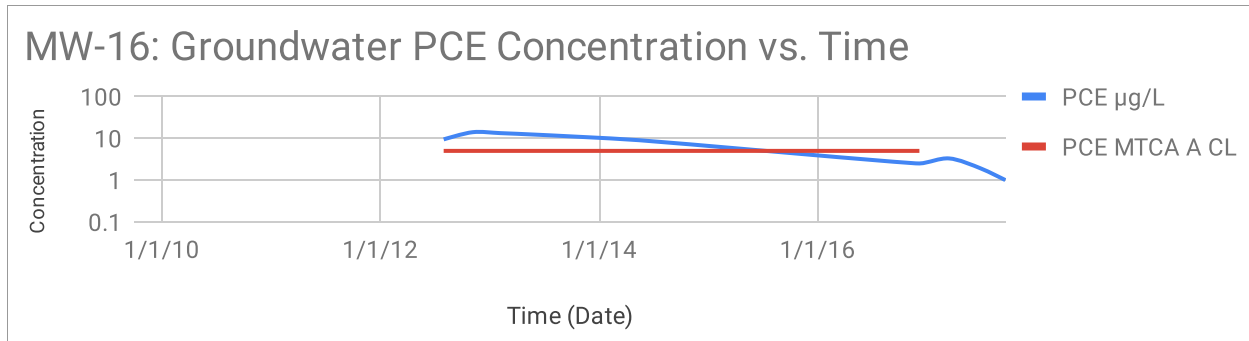


Notes

cDCE and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

Table 14
Chlorinated Solvent Concentrations Over Time at MW-16
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
7/31/12	9.4	<1.0	<1.0	<1.0
11/5/12	14	<1.0	<1.0	<0.40
2/5/13	13.3	<1.0	<1.0	<0.40
6/6/13	12.2	<0.40	<1.0	<0.40
5/15/14	9	<0.10	<0.10	<0.020
12/6/16	2.5	<0.40	<0.50	<0.20
3/15/17	3.3	<0.40	<0.50	<0.20
6/29/17	1.9	<0.40	<0.50	<0.20
9/19/17	1.0	<0.40	<0.50	<0.20



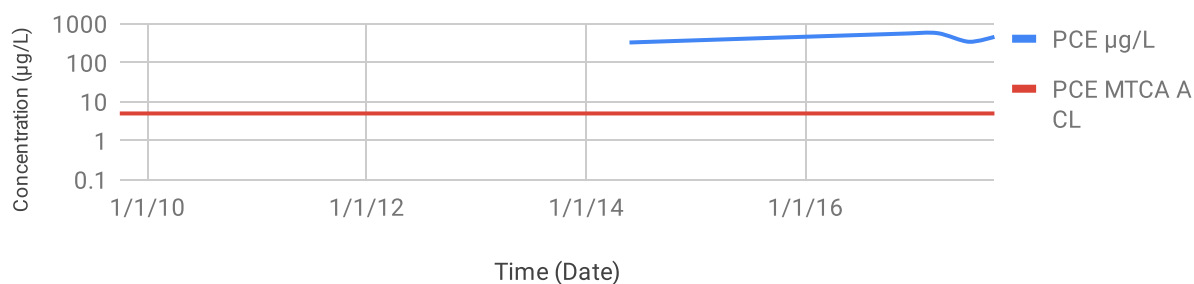
Notes

TCE, cDCE, and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

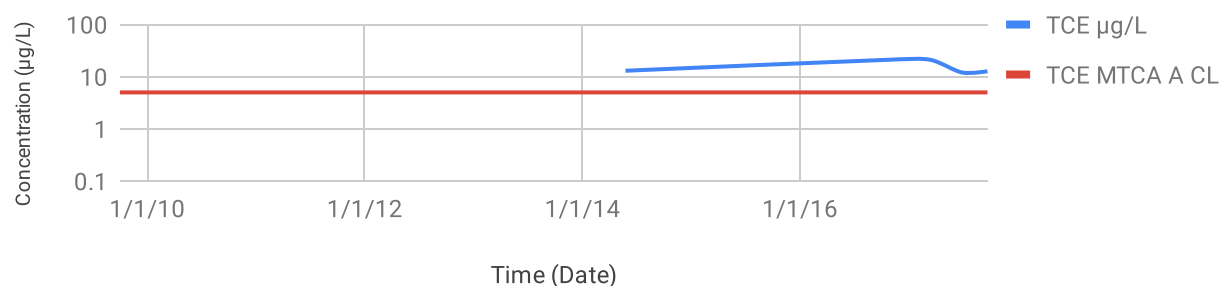
Table 15
Chlorinated Solvent Concentrations Over Time at MW-23
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
5/25/2014	330	13	3.2	<0.020
12/6/2016	562	21.6	5.7	<0.20
3/16/2017	572	20.9	5.6	<0.20
6/29/17	344	12.0	4.7	<1.0
9/21/17	462	12.7	7.8	<0.40

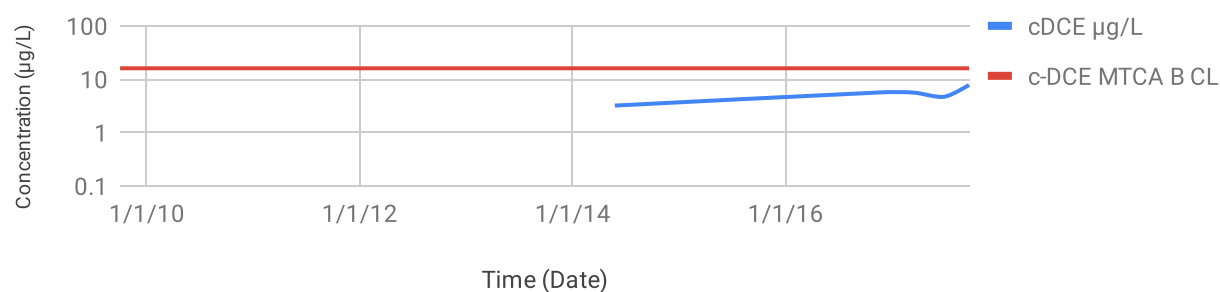
MW-23: Groundwater PCE Concentration vs. Time



MW-23: Groundwater TCE Concentration vs. Time



MW-23: Groundwater cDCE Concentration vs. Time



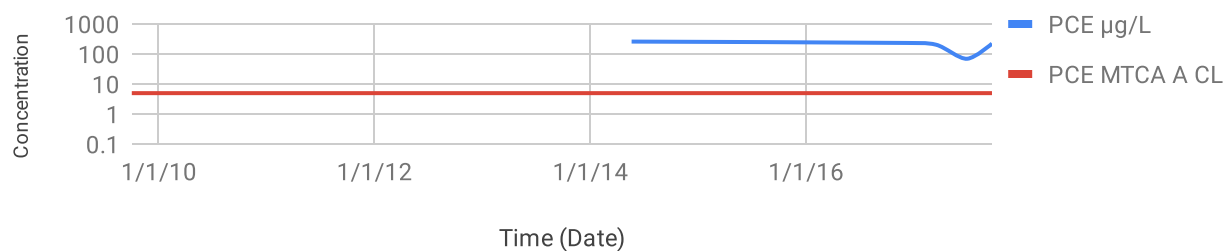
Notes

cDCE and VC concentration vs. time charts are not displayed due to lack of concentration data above laboratory reporting limit

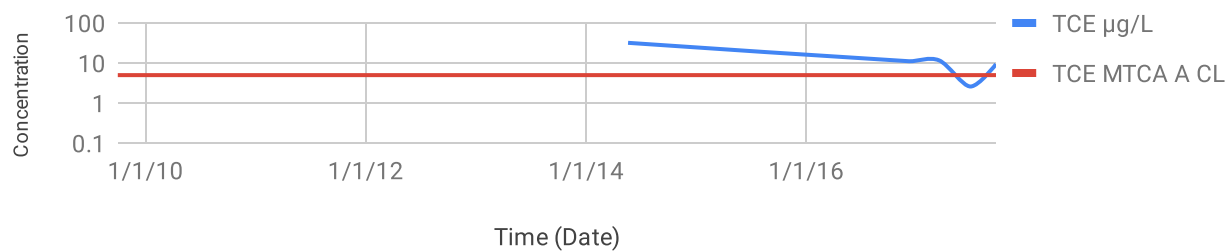
Table 16
Chlorinated Solvent Concentrations Over Time at MW-101
Former Cherry Cleaners 2510 E. Cherry St., Seattle WA

Date	PCE µg/L	TCE µg/L	cDCE µg/L	VC µg/L
5/20/2014	260	32	33	<0.020
12/7/2016	234	11.1	88.0	<0.40
3/16/2017	204	11.7	116	<0.20
6/29/17	69.7	2.6	5.5	<0.20
9/21/17	223	9.4	98.8	<0.20

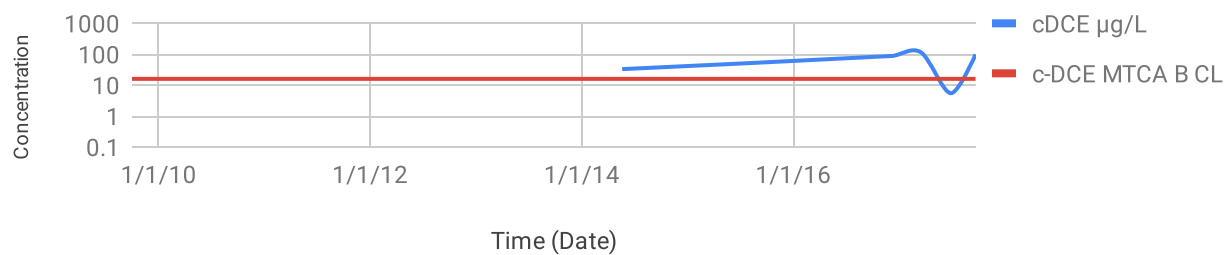
MW-101: Groundwater PCE Concentration vs. Time



MW-101: Groundwater TCE Concentration vs. Time



MW-101: Groundwater cDCE Concentration vs. Time



Notes

VC concentration vs. time chart is not displayed due to lack of concentration data above laboratory reporting limit



Appendix H

Soil Assessment Procedures



Appendix H

Soil Assessment Procedures

Soil borings to which these procedures apply are SB-38 through SB-53, which were completed in February 2018. Prior to advancing tooling into the subsurface a public utility locate request was submitted at least a week before the proposed work commenced. Once on-site, an ELAM scientist confirmed all utilities were clearly marked and moved proposed soil boring locations as needed to maintain a safe distance from any marked and visible utilities.

H.1 Soil Screening and Sampling

Using a Geoprobe 6600, all soil borings were advanced into the prescribed depth of either 15 feet bgs or 30 feet bgs. The down-hole reusable drilling equipment was properly decontaminated before drilling each borehole. A 2.25-inch outside diameter dual-tube sampling system was used to collect soil cores in 5-feet long by 1.5-inch diameter vinyl acetate sample sleeves.

The sample sleeves were cut open lengthwise to expose the soil cores for sampling, field screening, and logging. Prior to touching each sample, an ELAM scientist donned an unused pair of dedicated, disposable nitrile gloves. The soil samples were placed into properly labeled plastic bags for field screening, and soil descriptions were recorded on a soil boring log. Field screening included the use of a photoionization detector ("PID") to measure total organic vapors ("TOVs"). The PID probe tip was inserted through the bag's seal, and the maximum meter response was recorded on the soil boring logs.

The PID field screening results served as the basis for selecting samples for quantitative laboratory analysis. Sample kits were used in accordance with United States Environmental Protection Agency ("USEPA") SW-846 Method 5035A to collect samples for VOC analysis. Following collection of each soil sample, the labeled sample was logged on a chain-of-custody form, placed on ice, and submitted to a laboratory for VOC analysis using U.S. EPA SW-846 Method 8260. Quality assurance and quality



control (“QA/QC”) samples, included field duplicates, matrix spike and matrix spike duplicates , and trip blanks.

H.2 Waste Management

All decontamination water and soil cutting waste were containerized in separate Washington State Department of Transportation (“WSDOT”) approved 55-gallon drums affixed with “Pending Analysis” labels. All investigation waste drums were removed for disposal in accordance with the Washington State Department of Ecology’s (“Ecology’s”) site-specific “Contained-In” Determination.



Appendix I

Soil Boring Logs

IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552631.11m_E_5273000.36m_N			
LOGGED BY:	Tim Cornett	DATE:	2/27/18	WEATHER:	40F, cloudy			LOCATION ID SB-38
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET 1 OF 1
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:				TIME: 14:15
TYPE OF DRILL FLUIDS:	None			DEPTH:				DATE: 02/27/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
280.22	0				SS-1	0.2				0.0'-0.3' - soft black (10YR 2/1) sandy silt, some clay, low plasticity, moist				
	1				SS-2	0.1				0.3'-2.5' - yellowish brown (10YR 4/4) silty sand, little gravel, moist				
	2													
	3				SS-3	0.2				2.5'-2.9' - yellowish brown (10YR 4/4) silty sand, moist				
	4													
275.22	5													
	6				SS-4	0.1				5.0'-7.7' - firm yellowish brown (10YR 5/6) silt, trace sand and clay, low plasticity, moist				
	7													
	8				SS-5	0.1				7.7'-8.8' - soft grayish brown (2.5Y 5/2) sandy silt, little clay, trace gravel, medium plasticity, moist				
	9				SS-6	0.1				8.8'-9.6' - firm grayish brown (2.5Y 5/2) sandy silt, trace clay, low plasticity, moist				
270.22	10													
	11				SS-7	0.4				10.0'-12.1' - firm grayish brown (2.5Y 5/2) sandy silt, trace clay, low plasticity, moist				
	12													
	13				SS-8	0.2				12.1'-14.5' - brown (10YR 4/3) fine to medium sand, moist				
	14													
265.22	15													
	16													
	17													
	18													
	19													
260.22	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	280.22	265.22	0'-15'	SB38:S025029	02/27/18	14:40	S	NaHSO4
WELL CASING:				WELL CASING:				SB38:S100121	02/27/18	14:36	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:				FD1:S022718	02/27/18	14:36	S	NaHSO4
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	279.22	265.22	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	280.22	279.22	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

Form meets requirements of IDEM's WASTE-053-NPD found here: http://www.in.gov/idem/files/nrpd_waste-0053.pdf (link last verified 9/23/15). The form format is the property of The ELAM Group.

IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552634.66m_E_5273000.45m_N			
LOGGED BY:	Tim Cornett	DATE:	2/27/18	WEATHER:	40F, cloudy			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-39
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME:	14:46
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE:	02/27/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.92	0				SS-1	0.2				0.0'-0.5' - soft very dark brown (10YR 2/2) sandy silt, some gravel, trace clay, low plasticity, moist				
	1				SS-2	0.3				0.5'-2.2' - dark brown (10YR 3/3) silty sand, little gravel, moist				
	2													
	3				SS-3	0.1				2.2'-3.0' - soft dark yellowish brown (10YR 4/4) clayey silt, some sand, medium plasticity, moist				
	4													
274.92	5													
	6				SS-4	0.2				5.0'-7.0' - firm brown (10YR 5/3) sandy silt, trace clay and gravel, low plasticity, moist				
	7													
	8				SS-5	0.5				7.0'-8.5' - firm brown (10YR 5/3) sandy silt, trace clay and gravel, low plasticity, moist				
	9				SS-6	0.2				8.5'-9.1' - yellowish brown (10YR 5/6) fine to medium sand, moist				
269.92	10													
	11				SS-7	0.3				10.0'-11.8' - soft dark yellowish brown (10YR 4/4) silty clay, trace sand, high plasticity, moist				
	12													
	13				SS-8	0.2				11.8'-14.3' - dark yellowish brown (10YR 4/6) fine to medium sand, moist				
	14													
264.92	15													
	16													
	17													
	18													
	19													
259.92	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.92	264.92	0'-15'	SB39:S070085	02/27/18	15:20	S	NaHSO4
WELL CASING:				WELL CASING:				SB39:S100118	02/27/18	15:15	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.92	264.92	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.92	278.92	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552638.30m_E_5273000.38m_N			
LOGGED BY:	Tim Cornett	DATE:	2/27/18	WEATHER:	40F, cloudy			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP. MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-40
CONTRACTOR:	Cascade			EQUIP. MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP. MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME:	15:00
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE:	02/27/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
280.01	0	N/A			SS-1	0.6				0.0'-0.3' - soft dark brown (10YR 2/2) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.2				0.3'-2.8' - firm brown (10YR 5/3) sandy silt, trace clay, low plasticity, moist				
	2													
	3				SS-3	0.2				2.8'-4.0' - yellowish brown (10YR 5/6) fine to medium sand, moist				
	4	N/A												
275.01	5				SS-4	0.1				5.0'-5.6' - soft dark brown (10YR 3/3) sandy silt, trace clay, low plasticity, moist				
	6				SS-5	0.2				5.6'-6.3' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	7				SS-6	0.1				6.3'-8.1' - brown (10YR 4/3) fine to medium sand, moist				
	8	N/A												
	9													
270.01	10				SS-7	0.2				10.0'-10.7' - soft dark yellowish brown (10YR 4/4) silty clay, high plasticity, moist				
	11				SS-8	0.1				10.7'-11.8' - brownish yellow (10YR 6/6) fine to medium sand, moist				
	12	N/A												
	13				SS-9	1.4				11.8'-14.1' - firm olive brown (2.5Y 4/3) sandy silt, trace clay, low plasticity, moist				
	14				SS-10	0.2				14.1'-14.6' - olive brown (2.5Y 4/3) fine to medium sand, moist				
265.01	15													
	16													
	17													
	18													
	19													
260.01	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	280.01	265.01	0'-15'	SB40:S118141	02/27/18	16:00	S	NaHSO4
WELL CASING:				WELL CASING:				SB40:S028040	02/27/18	16:05	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	279.01	265.01	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	280.01	279.01	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552640.27m_E_5273000.54m_N			
LOGGED BY:	Tim Cornett	DATE:	2/28/18	WEATHER:	39F, Overcast			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-41
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME: 11:07	TIME: 11:25
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE: 02/28/18	DATE: 02/28/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
280.10	0	N/A			SS-1	1.0				0.0'-0.7' - soft black (10YR 2/1) sandy silt, little gravel, trace clay, low plasticity, moist				
	1				SS-2	0.3				0.7'-2.0' - dark yellowish brown (10YR 4/6) fine to medium sand, some gravel, moist				
	2				SS-3	1.3				2.0'-3.3' - dark yellowish brown (10YR 4/6) fine to medium sand, some gravel, moist				
	3	N/A												
	4													
275.10	5				SS-4	0.5				5.0'-6.1' - soft yellowish brown (10YR 5/4) sandy silt, little gravel, trace clay, low plasticity, moist				
	6	N/A			SS-5	0.2				6.1'-8.6' - firm dark grayish brown (2.5Y 4/2) sandy silt, trace gravel, trace clay, low plasticity, moist				
	7													
	8				SS-6	0.3				8.6'-9.7' - pale brown (10YR 6/3) fine to medium sand, moist				
	9	N/A												
270.10	10				SS-7	0.2				10.0'-10.8' - soft dark yellowish brown (10YR 4/4) clayey silt, little sand, medium plasticity, moist				
	11				SS-8	0.1				10.8'-12.0' - yellowish brown (10YR 5/8) fine to medium sand, moist				
	12	N/A			SS-9	0.6				12.0'-13.3' - yellowish brown (10YR 5/8) fine to medium sand, moist				
	13													
	14													
265.10	15													
	16													
	17													
	18													
	19													
260.10	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	280.10	265.10	0'-15'	SB41:S000007	02/28/18	11:43	S	NaHSO4
WELL CASING:				WELL CASING:				SB41:S020033	02/28/18	11:46	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	279.10	265.10	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	280.1	279.1	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552631.10m_E_5273003.46m_N			
LOGGED BY:	Tim Cornett	DATE:	2/27/18	WEATHER:	40F, cloudy			
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH TIME: 13:42 TIME: 14:00 DATE: 02/27/18 DATE: 02/27/18
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:				
TYPE OF DRILL FLUIDS:	None			DEPTH:				

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.87	0	N/A			SS-1	0.3				0.0'-0.4' - soft black (10YR 2/1) silt, little sand and clay, low plasticity, moist				
	1				SS-2	0.4				0.4'-1.5' - brown (10YR 4/3) fine to medium sand, trace gravel, moist				
	2				SS-3	0.4				1.5'-2.4' - soft dark yellowish brown (10YR 3/6) sandy silt, little gravel, trace clay, low plasticity, moist				
	3	N/A												
	4													
274.87	5				SS-4	0.0				5.0'-5.4' - soft dark yellowish brown (10YR 3/6) sandy silt, little gravel, trace clay, low plasticity, moist				
	6	N/A			SS-5	0.3				5.4'-6.1' - soft brown (10YR 4/3) sandy silt, little clay, low plasticity, moist				
	7				SS-6	0.1				6.1'-8.3' - hard dark grayish brown (10YR 4/2) silt, little sand and clay, low plasticity, moist				
	8													
	9	N/A												
269.87	10				SS-7	0.0				10.0'-11.9' - hard dark grayish brown (10YR 4/2) silt, little sand and clay, low plasticity, moist				
	11													
	12	N/A			SS-8	0.0				11.9'-13.9' - yellowish brown (10YR 5/6) fine to medium sand, moist				
	13													
	14													
264.87	15													
	16													
	17													
	18													
	19													
259.87	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.87	264.87	0'-15'	SB42-S054061	02/27/18	14:05	S	NaHSO4
WELL CASING:				WELL CASING:				SB42-S015024	02/27/18	14:10	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.87	264.87	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.87	278.87	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

Form meets requirements of IDEM's WASTE-053-NPD found here: http://www.in.gov/idem/files/nrpd_waste-0053.pdf (link last verified 9/23/15). The form format is the property of The ELAM Group.

IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552634.70m_E_5273003.56m_N			
LOGGED BY:	Tim Cornett	DATE:	2/27/18	WEATHER:	40F, cloudy			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP. MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-43
CONTRACTOR:	Cascade			EQUIP. MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP. MODEL, CAL., BG.:				1 OF 2
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME:	10:50
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE:	02/27/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.63	0	N/A			SS-1	0.1				0.0'-0.5' - soft very dark brown (10YR 2/2) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.2				0.5'-1.1' - soft very dark brown (10YR 2/2) sandy silt, little fine gravel, trace clay, low plasticity, moist				
	2				SS-3	0.1				1.1'-1.7' - soft dark yellowish brown (10YR 4/4) sandy silt, little fine gravel, trace clay, low plasticity, moist				
	3				SS-4	0.1				1.7'-2.3' - soft brown (7.5YR 4/4) sandy silt, trace clay, low plasticity, moist				
	4	N/A												
	5				SS-5	0.0				5.0'-5.4' - soft brown (7.5YR 4/4) sandy silt, trace clay, low plasticity, moist				
274.63	6				SS-6	0.2				5.4'-7.2' - firm yellowish brown (10YR 5/4) clayey silt, little sand, medium plasticity, moist				
	7													
	8	N/A			SS-7	0.0				7.2'-9.7' - firm dark yellowish brown (10YR 4/4) sandy silt, trace clay and gravel, low plasticity, moist				
	9													
	10				SS-8	0.3				10.0'-11.6' - soft brown (10YR 4/3) sandy silt, little clay, medium plasticity, moist				
269.63	11													
	12	N/A			SS-9	0.3				11.6'-14.0' - dark yellowish brown (10YR 4/6) fine to medium sand, moist				
	13													
	14													
	15													
264.63	16	N/A			SS-10	0.1				15.0'-16.4' - soft grayish brown (10YR 5/2) sandy silt, trace clay, low plasticity, moist				
	17				SS-11	0.2				16.4'-18.4' - yellowish brown (10YR 5/6) fine to medium sand, little silt, moist				
	18													
	19				SS-12	0.2				18.4'-19.4' - yellowish brown (10YR 5/6) fine to medium sand, little silt, moist				
259.63	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		30'	GROUND SURFACE:	279.63	249.63	0'-30'	SB43:S250258	02/27/18	11:59	S	NaHSO4
WELL CASING:				WELL CASING:				SB43:S100116	02/27/18	12:05	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.63	249.63	1'-30'					
WELL ABANDONMENT:	2.25"	Bentonite chips	29'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.63	278.63	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

Form meets requirements of IDEM's WASTE-053-NPD found here: http://www.in.gov/idem/files/nrpd_waste-0053.pdf (link last verified 9/23/15). The form format is the property of The ELAM Group.

IDEM VRP NO:		NW2009		SITE ADDRESS:		2510 E. Cherry Street, Seattle, WA 98122												
IDEM PROJECT MANAGER:		Dale Myers		X, Y COORDINATES:		10North_552634.70m_E_5273003.56m_N												
LOGGED BY:		Tim Cornett		DATE:		2/27/18		WEATHER:		40F, cloudy		LOCATION ID						
CHECKED BY & LPG NO:		James P. Hogan, #2166		DATE:		3/27/19		EQUIP, MODEL, CAL., BG.:		PID/MiniRae 3000, 0.0/100.0/0.1		SB-43						
CONTRACTOR:		Cascade						EQUIP, MODEL, CAL., BG.:				SHEET						
DRILLER NAME & LICENSE NO:		Tim Watson #3203						EQUIP, MODEL, CAL., BG.:				2 OF 2						
DRILL METHOD/EQUIPMENT:		Direct Push/Geoprobe 6600		WATER:								DRILLING START/FINISH						
SAMPLING METHOD:		Dual Tube		TIME:														
BOREHOLE DIAMETER:		2.25"		DATE:						TIME:		10:50						
TYPE OF DRILL FLUIDS:		None		DEPTH:						DATE:		2/27/18						
ELEVATION (bmd)	DEPTH (ft)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING						
												TIME	FID	LEL				
279.63	20	N/A			SS-13	0.1				20.0'-20.7' - soft olive brown (2.5Y 4/3) clayey silt, little sand, medium plasticity, moist								
21	SS-14				0.1				20.7'-22.5' - yellowish brown (10YR 5/8) fine to medium sand, moist									
22	SS-15				0.1				22.5'-24.7' - yellowish brown (10YR 5/8) fine to medium sand, moist									
23																		
24	N/A								25.0'-25.8' - firm grayish brown (10YR 5/2) sandy silt, trace clay, medium plasticity, moist									
25									SS-16					0.3				25.8'-28.0' - yellowish brown (10YR 5/4) fine sand, wet
26									SS-17					0.1				
27																		
28	SS-18	0.0					28.0'-29.7' - dark brown (10YR 3/3) fine sand, wet											
29																		
30																		
31																		
32																		
33																		
34																		
35																		
36																		
37																		
38																		
39																		
40																		

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		30'	GROUND SURFACE:	279.63	249.63	0'-30'	SB43:S250258	2/27/18	11:59	S	NaHSO4
WELL CASING:				WELL CASING:				SB43:S100116	2/27/18	12:05	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.63	249.63	1'-30'					
WELL ABANDONMENT:	2.25"	Bentonite chips	29'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.63	278.63	0'-1'					
ABANDONMENT DATE:	02/27/18			PROTECTIVE CASING:								

Form meets requirements of IDEM's WASTE-053-NPD found here: http://www.in.gov/idem/files/nrpd_waste-0053.pdf (link last verified 9/23/15). The form format is the property of The ELAM Group.

IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552638.12m_E_5273003.44m_N			
LOGGED BY:	Tim Cornett	DATE:	2/28/18	WEATHER:	39F, overcast			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-44
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME:	10:36
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE:	02/28/18
							TIME:	10:48

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.54	0	N/A			SS-1	0.7				0.0'-0.5' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.7				0.5'-2.0' - firm dark yellowish brown (10YR 3/6) sandy silt, little gravel, trace clay, low plasticity, moist				
	2				SS-3	0.3				2.0'-3.0' - firm dark yellowish brown (10YR 3/6) sandy silt, little gravel, trace clay, low plasticity, moist				
	3													
	4	N/A												
274.54	5				SS-4	0.3				5.0'-5.8' - firm dark yellowish brown (10YR 3/6) sandy silt, little gravel, trace clay, low plasticity, moist				
	6				SS-5	0.7				5.8'-7.3' - soft brown (10YR 4/3) silty clay, little sand, trace gravel, high plasticity, moist				
	7													
	8	N/A												
	9													
269.54	10													
	11				SS-6	0.4				10.0'-12.0' - yellowish brown (10YR 5/8) fine to medium sand, moist				
	12	N/A			SS-7	1.0				12.0'-13.3' - yellowish brown (10YR 5/8) fine to medium sand, moist				
	13													
	14													
264.54	15													
	16													
	17													
	18													
	19													
259.54	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.54	264.54	0'-15'	SB44:S120133	02/28/18	10:55	S	NaHSO4
WELL CASING:				WELL CASING:				SB44:S058073	02/28/18	11:00	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.54	264.54	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.54	278.54	0'-1'					
ABANDONMENT DATE:		02/28/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552643.30m_E_5273004.41m_N			
LOGGED BY:	Tim Cornett	DATE:	2/28/18	WEATHER:	39F, overcast			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-45
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME:	14:40
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE:	02/28/18
							TIME:	12:57

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.70	0	N/A			SS-1	0.2				0.0'-0.6' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.1				0.6'-1.7' - firm very dark grayish brown (2.5Y 3/2) sandy silt, trace clay and gravel, low plasticity, moist				
	2				SS-3	0.5				1.7'-3.0' - soft dark yellowish brown (10YR 3/6) sandy clay, little fine gravel and silt, medium plasticity, moist				
	3													
	4	N/A												
274.70	5				SS-4	0.5				5.0'-5.5' - soft dark yellowish brown (10YR 3/6) clayey sand, little gravel and silt, medium plasticity, moist				
	6				SS-5	0.1				5.5'-7.0' - firm brown (10YR 5/3) silt, little sand, trace clay, low plasticity, moist				
	7													
	8				SS-6	0.3				7.0'-8.7' - firm dark grayish brown (2.5Y 4/2) sandy silt, trace fine gravel and clay, low plasticity, moist				
	9	N/A			SS-7	0.3				8.7'-9.2' - light olive brown (2.5Y 5/4) fine to medium sand, moist				
	10													
269.70	11				SS-8	0.6				10.0'-10.7' - firm dark grayish brown (2.5Y 4/2) silty clay, little sand, trace fine gravel, high plasticity, moist				
	12				SS-9	0.5				10.7'-11.6' - dark yellowish brown (10YR 4/6) fine to medium sand, little silt, moist				
	13	N/A			SS-10	0.6				11.6'-12.6' - firm olive brown (2.5Y 4/3) sandy silt, trace clay, low plasticity, moist				
	14													
	15				SS-11	0.4				12.6'-14.1' - dark yellowish brown (10YR 4/6) fine to medium sand, moist				
	16													
264.70	17													
	18													
	19													
	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.70	264.70	0'-15'	SB45:S116126	02/28/18	13:15	S	NaHSO4
WELL CASING:				WELL CASING:				SB45:S100107	02/28/18	13:20	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.70	264.70	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.70	278.70	0'-1'					
ABANDONMENT DATE:		02/28/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552631.00m_E_5273006.79m_N			
LOGGED BY:	Tim Cornett	DATE:	2/27/18	WEATHER:	40F, cloudy			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP. MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-46
CONTRACTOR:	Cascade			EQUIP. MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP. MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME: 12:58	TIME: 13:04
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE: 02/27/18	DATE: 02/27/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.81	0				SS-1	0.2				0.0'-0.4' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.8				0.4'-1.1' - soft brown (10YR 4/3) sandy silt, trace clay, low plasticity, moist				
	2	N/A			SS-3	0.1				1.1'-3.1' - dark grayish brown (10YR 4/2) medium sand, moist				
	3													
	4													
274.81	5													
	6	N/A			SS-4	0.0				5.0'-7.5' - firm brown (10YR 5/3) silt, little sand, trace clay, low plasticity, moist				
	7													
	8				SS-5	0.2				7.5'-9.7' - firm brown (10YR 5/3) silt, little sand and gravel, trace clay, low plasticity, moist				
	9													
269.81	10													
	11				SS-6	0.1				10.0'-11.8' - firm brown (10YR 5/3) silt, little sand, trace clay and gravel, low plasticity, moist				
	12	N/A												
	13				SS-7	0.1				11.8'-14.3' - yellowish brown (10YR 5/8) medium sand, moist				
	14													
264.81	15													
	16													
	17													
	18													
	19													
259.81	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.81	264.81	0'-15'	SB46:S075097	02/27/18	13:32	S	NaHSO4
WELL CASING:				WELL CASING:				SB46:S004011	02/27/18	13:36	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.81	264.81	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.81	278.81	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

Form meets requirements of IDEM's WASTE-053-NPD found here: http://www.in.gov/idem/files/nrpd_waste-0053.pdf (link last verified 9/23/15). The form format is the property of The ELAM Group.

IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552634.63m_E_5273006.67m_N			
LOGGED BY:	Tim Cornett	DATE:	2/28/18	WEATHER:	39F, overcast			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-47
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:			DRILLING START/FINISH	
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:		TIME:	8:31	8:39
TYPE OF DRILL FLUIDS:	None			DEPTH:		DATE:	02/28/18	02/28/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.67	0	N/A			SS-1	0.4				0.0'-0.5' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.5				0.5'-1.3' - firm dark yellowish brown (10YR 4/4) sandy silt, trace fine gravel and clay, low plasticity, moist				
	2				SS-3	0.4				1.3'-2.4' - dark yellowish brown (10YR 4/4) fine to medium sand, some fine gravel, moist				
	3				SS-4	0.4				2.4'-3.8' - soft brown (7.5YR 4/4) sandy silt, trace clay, low plasticity, moist				
	4	N/A												
274.67	5				SS-5	0.3				5.0'-5.6' - firm yellowish brown (10YR 4/4) sandy silt, little clay and gravel, low plasticity, moist				
	6				SS-6	0.4				5.6'-6.6' - firm light olive brown (2.5Y 5/3) sandy silt, little clay, low plasticity, moist				
	7				SS-7	0.2				6.6'-7.5' - firm light olive brown (2.5Y 5/3) sandy silt, little clay, low plasticity, moist, red staining				
	8	N/A			SS-8	0.4				7.5'-9.3' - firm light olive brown (2.5Y 5/3) sandy silt, little clay, low plasticity, moist				
	9													
269.67	10													
	11	N/A			SS-9	0.2				10.0'-12.3' - firm light olive brown (2.5Y 5/3) sandy silt, little clay and gravel, low plasticity, moist, orange staining				
	12													
	13				SS-10	0.2				12.3'-14.3' - yellowish brown (10YR 5/8) fine to medium sand, moist				
	14													
264.67	15													
	16													
	17													
	18													
	19													
259.67	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.67	264.67	0'-15'	SB47-S005013	02/28/18	9:05	S	NaHSO4
WELL CASING:				WELL CASING:				SB47-S056066	02/28/18	9:10	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.67	264.67	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.67	278.67	0'-1'					
ABANDONMENT DATE:		02/28/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552638.05m_E_5273006.80m_N			
LOGGED BY:	Tim Cornett	DATE:	2/28/18	WEATHER:	39F, overcast			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-48
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME: 10:03	TIME: 10:30
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE: 02/28/18	DATE: 02/28/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.48	0	N/A			SS-1	14.3				0.0'-0.4' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.4				0.4'-2.1' - firm dark yellowish brown (10YR 4/4) sandy silt, trace clay and gravel, low plasticity, moist				
	2				SS-3	0.6				2.1'-3.5' - firm brown (7.5YR 4/4) sandy silt, trace clay and gravel, low plasticity, moist				
	3	N/A												
	4													
274.48	5				SS-4	0.5				5.0'-7.0' - firm olive brown (2.5Y 4/3) sandy silt, trace clay, low plasticity, moist				
	6	N/A			SS-5	0.5				7.0'-8.0' - firm olive brown (2.5Y 4/3) sandy silt, trace clay, low plasticity, moist				
	7				SS-6	0.0				8.0'-9.7' - firm olive brown (2.5Y 4/3) sandy silt, little gravel, trace clay, low plasticity, moist				
	8													
	9	N/A												
269.48	10				SS-7	0.3				10.0'-11.7' - firm olive brown (2.5Y 4/3) sandy silt, trace clay and gravel, low plasticity, moist				
	11				SS-8	0.4				11.7'-14.2' - dark yellowish brown (10YR 4/4) fine to medium sand, moist				
	12	N/A												
	13													
	14													
264.48	15	N/A												
	16													
	17													
	18													
	19													
259.48	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.48	264.48	0'-15'	SB48:S000004	02/28/18	10:30	S	NaHSO4
WELL CASING:				WELL CASING:				FD2:S022818	02/28/18	10:30	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:				SB48:S021035	02/28/18	10:35	S	NaHSO4
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.48	264.48	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.48	278.48	0'-1'					
ABANDONMENT DATE:		02/28/18		PROTECTIVE CASING:								

Form meets requirements of IDEM's WASTE-053-NPD found here: http://www.in.gov/idem/files/nrpd_waste-0053.pdf (link last verified 9/23/15). The form format is the property of The ELAM Group.

IDEM VCP NO:		NW2009		SITE ADDRESS:		2510 E. Cherry Street, Seattle, WA 98122					
IDEM PROJECT MANAGER:		Dale Myers		X, Y COORDINATES:		10North_522638.05m_E_5273006.82m_N					
LOGGED BY:		Tim Cornett		DATE:		2/27/18		WEATHER:		40F, cloudy	
CHECKED BY & LPG NO:		James P. Hogan, #2166		DATE:		3/27/19		EQUIP. MODEL, CAL., BG.:		PID/MiniRae 3000, 0.0/100.0/0.1	
CONTRACTOR:		Cascade		EQUIP. MODEL, CAL., BG.:				LOCATION ID		SB-49	
DRILLER NAME & LICENSE NO:		Tim Watson #3203		EQUIP. MODEL, CAL., BG.:				SHEET		1 OF 2	
DRILL METHOD/EQUIPMENT:		Direct Push/Geoprobe 6600		WATER:				DRILLING START/FINISH			
SAMPLING METHOD:		Dual Tube		TIME:							
BOREHOLE DIAMETER:		2.25"		DATE:				TIME:		8:00	
TYPE OF DRILL FLUIDS:		None		DEPTH:				DATE:		02/27/18	

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.28	0	N/A			SS-1	0.0				0.0'-0.6' - soft very dark brown (10YR 2/2) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.1				0.6'-2.7' - soft brown (10YR 5/3) clayey silt, little sand and gravel, medium plasticity, moist				
	2													
	3													
	4	N/A												
274.28	5				SS-3	0.3				5.0'-5.5' - soft brown (10YR 5/3) clayey silt, little sand and gravel, medium plasticity, moist				
	6				SS-4	0.4				5.5'-7.4' - hard light yellowish brown (10YR 6/4) silt, some sand and gravel, little clay, low plasticity, moist				
	7													
	8	N/A			SS-5	0.4				7.4'-8.5' - firm brown (10YR 5/3) sandy silt, little clay, low plasticity, moist				
	9				SS-6	0.1				8.5'-9.5' - firm brown (10YR 5/3) sandy silt, little clay, low plasticity, moist				
	10				SS-7	0.4				9.5'-10.0' - firm olive brown (2.5Y 4/4) sandy silt, trace clay, low plasticity, moist				
269.28	11				SS-8	0.3				10.0'-11.4' - soft brown (10YR 4/3) clayey sand, little silt, medium plasticity, moist				
	12	N/A			SS-9	0.6				11.4'-13.0' - hard dark yellowish brown (10YR 4/6) silt, little sand and clay, low plasticity, moist				
	13													
	14				SS-10	0.6				13.0'-14.3' - hard dark yellowish brown (10YR 4/6) silt, little sand and clay, low plasticity, moist				
	15													
264.28	16	N/A			SS-11	0.2				15.0'-17.8' - hard brown (10YR 5/3) clayey silt, trace sand, low plasticity, moist				
	17													
	18				SS-12	0.1				17.8'-19.7' - dense dark yellowish brown (10YR 4/6) fine to medium sand, trace silt, moist				
	19													
259.28	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		30'	GROUND SURFACE:	279.28	249.28	0'-30'	SB49:S250260	02/27/18	10:55	S	NaHSO4
WELL CASING:				WELL CASING:				SB49:S114130	02/27/18	10:59	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.28	249.28	1'-30'					
WELL ABANDONMENT:	2.25"	Bentonite chips	29'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.28	278.28	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

Form meets requirements of IDEM's WASTE-053-NPD found here: http://www.in.gov/idem/files/nrpd_waste-0053.pdf (link last verified 9/23/15). The form format is the property of The ELAM Group.

IDEM VRP NO:		NW2009		SITE ADDRESS:		2510 E. Cherry Street, Seattle, WA 98122						
IDEM PROJECT MANAGER:		Dale Myers		X, Y COORDINATES:		10North_522638.05m_E_5273006.82m_N						
LOGGED BY:		Tim Cornett	DATE:	2/27/18	WEATHER:		40F, cloudy		LOCATION ID			
CHECKED BY & LPG NO:		James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:		PID/MiniRae 3000, 0.0/100.0/0.1		SB-49			
CONTRACTOR:		Cascade		EQUIP, MODEL, CAL., BG.:				SHEET				
DRILLER NAME & LICENSE NO:		Tim Watson #3203		EQUIP, MODEL, CAL., BG.:				2 OF 2				
DRILL METHOD/EQUIPMENT:		Direct Push/Geoprobe 6600		WATER:				DRILLING START/FINISH				
SAMPLING METHOD:		Dual Tube		TIME:								
BOREHOLE DIAMETER:		2.25"		DATE:				TIME:	8:00	TIME:	10:40	
TYPE OF DRILL FLUIDS:		None		DEPTH:				DATE:	2/27/18	DATE:	2/27/18	

ELEVATION (bmd)	DEPTH (ft)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.28	20	N/A			SS-13	0.4				20.0'-22.0' - dense dark yellowish brown (10YR 4/6) fine to medium sand, trace silt, moist				
21	SS-14				0.6				22.0'-23.4' - dense dark yellowish brown (10YR 4/6) fine to medium sand, trace silt, moist					
22														
23														
-25	25	N/A			SS-15	0.8				25.0'-26.0' - dense dark yellowish brown (10YR 4/6) fine to medium sand, trace silt, moist				
26	SS-16				0.5				26.0'-28.0' - dense brown (10YR 5/3) fine to medium sand, trace gravel, wet					
27														
28	SS-17				0.5				28.0'-29.7' - dense brown (10YR 5/3) fine to medium sand, trace gravel, wet					
-30	30													
	31													
	32													
	33													
	34													
-35	35													
	36													
	37													
	38													
	39													
-40	40													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		30'	GROUND SURFACE:	279.28	249.28	0'-30'	SB49:S250260	2/27/18	10:55	S	NaHSO4
WELL CASING:				WELL CASING:				SB49:S114130	2/27/18	10:59	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.28	249.28	1'-30'					
WELL ABANDONMENT:	2.25"	Bentonite chips	29'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.28	278.28	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552631.00m_E_5273009.69m_N			
LOGGED BY:	Tim Cornett	DATE:	2/27/18	WEATHER:	40F, cloudy			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-50
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME:	12:42
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE:	02/27/18
							TIME:	12:56

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
280.07	0				SS-1	0.0				0.0'-0.4' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.1				0.4'-2.0' - soft brown (10YR 4/3) sandy silt, trace clay, low plasticity, moist				
	2	N/A												
	3													
	4													
275.07	5				SS-3	0.4				5.0'-5.6' - soft brown (10YR 4/3) sandy silt, trace clay, low plasticity, moist				
	6				SS-4	0.3				5.6'-7.6' - firm olive brown (2.5Y 4/3) sandy silt, little clay, low plasticity, moist				
	7	N/A												
	8				SS-5	0.3				7.6'-9.3' - olive brown (2.5Y 4/3) silty sand, trace fine gravel, moist				
	9													
270.07	10													
	11				SS-6	0.4				10.0'-12.6' - soft brown (10YR 4/3) sandy silt, trace clay, low plasticity, moist				
	12	N/A												
	13				SS-7	0.4				12.6'-14.1' - yellowish brown (10YR 5/8) fine to medium sand, little gravel, moist				
	14													
265.07	15													
	16													
	17													
	18													
	19													
260.07	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	280.07	265.07	0'-15'	SB50:S126141	02/27/18	13:05	S	NaHSO4
WELL CASING:				WELL CASING:				SB50:S050056	02/27/18	13:10	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	279.07	265.07	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	280.07	279.07	0'-1'					
ABANDONMENT DATE:		02/27/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552634.73m_E_5273009.65m_N			
LOGGED BY:	Tim Cornett	DATE:	2/28/18	WEATHER:	39F, overcast			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-51
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME: 8:00	TIME: 8:21
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE: 02/28/18	DATE: 02/28/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.40	0				SS-1	0.1				0.0'-0.5' - soft brown (10YR 4/3) sandy silt, trace fine gravel and clay, low plasticity, moist				
	1				SS-2	0.1				0.5'-1.5' - soft dark yellowish brown (10YR 3/4) sandy silt, trace clay and fine gravel, low plasticity, moist				
	2	N/A												
	3													
	4													
274.40	5				SS-3	0.3				5.0'-5.4' - firm yellowish brown (10YR 5/8) clayey silt, little fine gravel, medium plasticity, moist, red staining, gray mottling				
	6				SS-4	0.2				5.4'-7.5' - firm olive brown (2.5Y 4/3) sandy silt, trace clay and fine gravel, low plasticity, moist				
	7	N/A												
	8													
	9				SS-5	0.2				7.5'-9.7' - firm olive brown (2.5Y 4/3) sandy silt, trace clay and fine gravel, low plasticity, moist				
269.40	10													
	11				SS-6	0.4				10.0'-11.8' - firm dark yellowish brown (10YR 4/6) sandy silt, some gravel, trace clay, low plasticity, moist				
	12				SS-7	0.1				11.8'-12.6' - hard dark olive brown (2.5Y 3/3) sandy silt, trace clay, low plasticity, moist				
	13	N/A												
	14				SS-8	0.1				12.6'-14.6' - yellowish brown (10YR 5/8) fine to medium sand, moist				
264.40	15													
	16													
	17													
	18													
	19													
259.40	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.40	264.40	0'-15'	SB51:S100118	02/28/18	8:34	S	NaHSO4
WELL CASING:				WELL CASING:				SB51:S050054	02/28/18	3:37	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.40	264.40	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.40	278.40	0'-1'					
ABANDONMENT DATE:		02/28/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552638.25m_E_5273009.66m_N			
LOGGED BY:	Tim Cornett	DATE:	2/28/18	WEATHER:	39F, overcast			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-52
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME: 9:13	TIME: 9:33
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE: 02/28/18	DATE: 02/28/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.59	0	N/A			SS-1	0.0				0.0'-0.5' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.4				0.5'-2.0' - soft strong brown (7.5YR 4/6) sandy silt, trace clay and gravel, low plasticity, moist				
	2				SS-3	0.5				2.0'-3.6' - soft brown (7.5YR 4/3) sandy silt, little gravel, trace clay, low plasticity, moist				
	3													
	4													
274.59	5	N/A			SS-4	0.5			5.0'-6.1' - firm brown (10YR 5/3) sandy silt, little gravel, trace clay, low plasticity, moist					
	6				SS-5	0.1			6.1'-7.5' - firm brown (10YR 4/3) sandy silt, trace gravel and clay, low plasticity, moist					
	7													
	8				SS-6	0.3			7.5'-8.7' - hard dark grayish brown (10YR 4/2) silt, little sand, trace clay, low plasticity, moist					
	9			SS-7	0.3			8.7'-9.6' - yellowish brown (10YR 5/8) fine to medium sand, moist						
269.59	10	N/A			SS-8	0.5			10.0'-10.8' - soft brown (10YR 4/3) sandy silt, trace clay, low plasticity, moist					
	11				SS-9	0.2			10.8'-12.5' - light olive brown (2.5Y 5/4) fine to medium sand, moist					
	12													
	13				SS-10	0.4			12.5'-14.4' - light olive brown (2.5Y 5/4) fine to medium sand, moist					
	14													
264.59	15													
	16													
	17													
	18													
	19													
259.59	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.59	264.59	0'-15'	SB52-S100108	02/28/18	9:57	S	NaHSO4
WELL CASING:				WELL CASING:				SB52-S050061	02/28/18	10:00	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.59	264.59	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.59	278.59	0'-1'					
ABANDONMENT DATE:		02/28/18		PROTECTIVE CASING:								

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IDEM VCP NO:	NW2009			SITE ADDRESS:	2510 E. Cherry Street, Seattle, WA 98122			
IDEM PROJECT MANAGER:	Dale Myers			X, Y COORDINATES:	10North_552641.71m_E_5273009.70m_N			
LOGGED BY:	Tim Cornett	DATE:	2/28/18	WEATHER:	39F, overcast			LOCATION ID
CHECKED BY & LPG NO:	James P. Hogan, #2166	DATE:	3/27/19	EQUIP, MODEL, CAL., BG.:	PID/MiniRae 3000, 0.0/100.0/0.1			SB-53
CONTRACTOR:	Cascade			EQUIP, MODEL, CAL., BG.:				SHEET
DRILLER NAME & LICENSE NO:	Tim Watson #3203			EQUIP, MODEL, CAL., BG.:				1 OF 1
DRILL METHOD/EQUIPMENT:	Direct Push/Geoprobe 6600			WATER:				DRILLING START/FINISH
SAMPLING METHOD:	Dual Tube			TIME:				
BOREHOLE DIAMETER:	2.25"			DATE:			TIME:	13:20
TYPE OF DRILL FLUIDS:	None			DEPTH:			DATE:	02/28/18

ELEVATION (bmd)	DEPTH (ft.)	BLOW COUNTS (6"/12"/6")	DRIVE	RECOVERY	Sample No.	PID (ppm)	LOG SAMPLE	LAB SAMPLE	SOIL GRAPH	DESCRIPTION	BOREHOLE CONSTRUCTION	AIR MONITORING		
												TIME	FID	LEL
279.38	0				SS-1	0.0				0.0'-0.7' - soft black (10YR 2/1) sandy silt, trace clay, low plasticity, moist				
	1				SS-2	0.4				0.7'-1.6' - dark yellowish brown (10YR 3/4) fine to medium sand, little gravel, moist				
	2				SS-3	0.4				1.6'-2.9' - firm yellowish brown (10YR 5/6) sandy silt, trace gravel and clay, low plasticity, moist				
	3													
	4													
274.38	5													
	6				SS-4	0.3				5.0'-7.0' - firm yellowish brown (10YR 5/6) sandy silt, trace gravel and clay, low plasticity, moist				
	7				SS-5	0.3				7.0'-8.3' - hard brown (10YR 4/3) sandy silt, trace fine gravel and clay, low plasticity, moist				
	8													
	9				SS-6	0.2				8.3'-9.6' - dark yellowish brown (10YR 4/4) fine to medium sand, moist				
269.38	10				SS-7	0.6				10.0'-10.4' - firm dark grayish brown (2.5Y 4/2) sandy silt, trace clay, low plasticity, moist				
	11				SS-8	0.3				10.4'-12.3' - dark yellowish brown (10YR 3/6) fine to medium sand, moist				
	12													
	13				SS-9	0.3				12.3'-13.3' - firm olive brown (2.5Y 4/2) sandy silt, trace clay, low plasticity, moist				
	14				SS-10	0.3				13.3'-14.7' - dark yellowish brown (10YR 3/6) fine to medium sand, moist				
264.38	15													
	16													
	17													
	18													
	19													
259.38	20													

CONSTRUCTION INFO	DIA.	COMPOSITION/TYPE	LENGTH	SURVEY INFORMATION	TOP	BOTTOM	DEPTH(S)	LAB SAMPLE ID	DATE	TIME	S/G/A	PRES
BOREHOLE/GROUND SURFACE:	2.25"		15'	GROUND SURFACE:	279.38	264.38	0'-15'	SB53:S100104	02/28/18	13:50	S	NaHSO4
WELL CASING:				WELL CASING:				SB53:S016029	02/28/18	13:53	S	NaHSO4
WELL SCREEN (incl. slot size):				WELL SCREEN:								
JOINTS BT CASING SEGMENTS:	N/A			JOINTS B/T CASINGS:								
SAND FILTER PACK:	N/A			SAND FILTER PACK:								
BENTONITE SEAL:	N/A			BENTONITE SEAL:	278.38	264.38	1'-15'					
WELL ABANDONMENT:	2.25"	Bentonite chips	14'	ANNULAR FILL/GROUT:								
SURFACE SEAL:	2.25"	Concrete	1'	SURFACE SEAL:	279.38	278.38	0'-1'					
ABANDONMENT DATE:		02/28/18		PROTECTIVE CASING:								

Form meets requirements of IDEM's WASTE-053-NPD found here: http://www.in.gov/idem/files/nrpd_waste-0053.pdf (link last verified 9/23/15). The form format is the property of The ELAM Group.



Appendix J

Soil Laboratory Analytical Reports 1Q 2018



Appendix J.1

1Q 2018 Soil Laboratory Report Part 1 of 2

March 20, 2018

Mary Bates
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS2510C Former Cherry Clean
Pace Project No.: 10422282

Dear Mary Bates:

Enclosed are the analytical results for sample(s) received by the laboratory on March 01, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Timothy Sandager
timothy.sandager@pacelabs.com
(612)607-6456
Project Manager

Enclosures

cc: Lori Hogan, ELAM Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10422282001	SB49 : 5250260	Solid	02/27/18 10:55	03/01/18 10:15
10422282002	SB49 : 55114130	Solid	02/27/18 10:59	03/01/18 10:15
10422282003	SB43 : 5250258	Solid	02/27/18 11:59	03/01/18 10:15
10422282004	SB43 : 5100116	Solid	02/27/18 12:05	03/01/18 10:15
10422282005	SB50 : 5050056	Solid	02/27/18 13:10	03/01/18 10:15
10422282006	SB50 : 5126141	Solid	02/27/18 13:05	03/01/18 10:15
10422282007	SB46 : 5075097	Solid	02/27/18 13:32	03/01/18 10:15
10422282008	SB46 : 5004011	Solid	02/27/18 13:36	03/01/18 10:15
10422282009	SB42 : S 054061	Solid	02/27/18 14:05	03/01/18 10:15
10422282010	SB42 : S 015024	Solid	02/27/18 14:10	03/01/18 10:15
10422282011	SB38 : S 100121	Solid	02/27/18 14:36	03/01/18 10:15
10422282012	SB38 : S 025029	Solid	02/27/18 14:40	03/01/18 10:15
10422282013	SB39 : S 100118	Solid	02/27/18 15:15	03/01/18 10:15
10422282014	SB39 : S 070088	Solid	02/27/18 15:00	03/01/18 10:15
10422282015	SB40 : S 118141	Solid	02/27/18 16:00	03/01/18 10:15
10422282016	SB40 : S 028040	Solid	02/27/18 16:05	03/01/18 10:15
10422282017	FD1 : S 022718	Solid	02/27/18 00:00	03/01/18 10:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10422282001	SB49 : 5250260	EPA 8260B	CD2	70	PASI-M
10422282002	SB49 : 55114130	EPA 8260B	CD2	69	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422282003	SB43 : 5250258	EPA 8260B	CD2	70	PASI-M
10422282004	SB43 : 5100116	EPA 8260B	CD2	70	PASI-M
10422282005	SB50 : 5050056	EPA 8260B	CD2	70	PASI-M
10422282006	SB50 : 5126141	EPA 8260B	CD2	70	PASI-M
10422282007	SB46 : 5075097	EPA 8260B	CD2	70	PASI-M
10422282008	SB46 : 5004011	EPA 8260B	CD2	70	PASI-M
10422282009	SB42 : S 054061	EPA 8260B	CD2	70	PASI-M
10422282010	SB42 : S 015024	EPA 8260B	CD2	70	PASI-M
10422282011	SB38 : S 100121	EPA 8260B	CD2	70	PASI-M
10422282012	SB38 : S 025029	EPA 8260B	CD2	69	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422282013	SB39 : S 100118	EPA 8260B	CD2	69	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422282014	SB39 : S 070088	EPA 8260B	CD2	69	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422282015	SB40 : S 118141	EPA 8260B	CD2	69	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422282016	SB40 : S 028040	EPA 8260B	CD2	70	PASI-M
10422282017	FD1 : S 022718	EPA 8260B	CD2	70	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB49 : 5250260 **Lab ID: 10422282001** Collected: 02/27/18 10:55 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	34.8	1	03/06/18 12:00	03/06/18 17:47	67-64-1	
Allyl chloride	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	107-05-1	
Benzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	71-43-2	
Bromobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	75-27-4	
Bromoform	ND	ug/kg	13.9	1	03/06/18 12:00	03/06/18 17:47	75-25-2	
Bromomethane	ND	ug/kg	13.9	1	03/06/18 12:00	03/06/18 17:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	13.9	1	03/06/18 12:00	03/06/18 17:47	78-93-3	
n-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	108-90-7	
Chloroethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	75-00-3	
Chloroform	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	67-66-3	
Chloromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	96-12-8	
Dibromochloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	106-93-4	
Dibromomethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	60-29-7	
Ethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	99-87-6	
Methylene Chloride	ND	ug/kg	13.9	1	03/06/18 12:00	03/06/18 17:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.9	1	03/06/18 12:00	03/06/18 17:47	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB49 : 5250260 **Lab ID: 10422282001** Collected: 02/27/18 10:55 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	1634-04-4	
Naphthalene	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	91-20-3	
n-Propylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	103-65-1	
Styrene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	79-34-5	
Tetrachloroethene	72.1	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	127-18-4	
Tetrahydrofuran	ND	ug/kg	27.9	1	03/06/18 12:00	03/06/18 17:47	109-99-9	
Toluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	79-00-5	
Trichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 17:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	108-67-8	
Vinyl chloride	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 17:47	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1	03/06/18 12:00	03/06/18 17:47	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	115	%.	75-126	1	03/06/18 12:00	03/06/18 17:47	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/06/18 12:00	03/06/18 17:47	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-128	1	03/06/18 12:00	03/06/18 17:47	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB49 : 55114130 Lab ID: 10422282002 Collected: 02/27/18 10:59 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	37.1	1	03/06/18 12:00	03/06/18 18:06	67-64-1	
Allyl chloride	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	107-05-1	
Benzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	71-43-2	
Bromobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	75-27-4	
Bromoform	ND	ug/kg	14.8	1	03/06/18 12:00	03/06/18 18:06	75-25-2	
Bromomethane	ND	ug/kg	14.8	1	03/06/18 12:00	03/06/18 18:06	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.8	1	03/06/18 12:00	03/06/18 18:06	78-93-3	
n-Butylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	108-90-7	
Chloroethane	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	75-00-3	
Chloroform	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	67-66-3	
Chloromethane	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	96-12-8	
Dibromochloromethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	106-93-4	
Dibromomethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	60-29-7	
Ethylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	99-87-6	
Methylene Chloride	ND	ug/kg	14.8	1	03/06/18 12:00	03/06/18 18:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.8	1	03/06/18 12:00	03/06/18 18:06	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB49 : 55114130 **Lab ID: 10422282002** Collected: 02/27/18 10:59 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	1634-04-4	
Naphthalene	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	91-20-3	
n-Propylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	103-65-1	
Styrene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	79-34-5	
Tetrahydrofuran	ND	ug/kg	29.7	1	03/06/18 12:00	03/06/18 18:06	109-99-9	
Toluene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	79-00-5	
Trichloroethene	9.9	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.4	1	03/06/18 12:00	03/06/18 18:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	108-67-8	
Vinyl chloride	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 18:06	75-01-4	
Xylene (Total)	ND	ug/kg	8.9	1	03/06/18 12:00	03/06/18 18:06	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	115	%.	75-126	1	03/06/18 12:00	03/06/18 18:06	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/06/18 12:00	03/06/18 18:06	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-128	1	03/06/18 12:00	03/06/18 18:06	460-00-4	
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Tetrachloroethene	520	ug/kg	48.9	1	03/08/18 09:12	03/08/18 15:43	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%.	75-125	1	03/08/18 09:12	03/08/18 15:43	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/08/18 09:12	03/08/18 15:43	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1	03/08/18 09:12	03/08/18 15:43	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB43 : 5250258 **Lab ID: 10422282003** Collected: 02/27/18 11:59 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	34.2	1	03/06/18 12:00	03/06/18 18:25	67-64-1	
Allyl chloride	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	107-05-1	
Benzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	71-43-2	
Bromobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	75-27-4	
Bromoform	ND	ug/kg	13.7	1	03/06/18 12:00	03/06/18 18:25	75-25-2	
Bromomethane	ND	ug/kg	13.7	1	03/06/18 12:00	03/06/18 18:25	74-83-9	
2-Butanone (MEK)	ND	ug/kg	13.7	1	03/06/18 12:00	03/06/18 18:25	78-93-3	
n-Butylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	108-90-7	
Chloroethane	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	75-00-3	
Chloroform	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	67-66-3	
Chloromethane	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	96-12-8	
Dibromochloromethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	106-93-4	
Dibromomethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	60-29-7	
Ethylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	99-87-6	
Methylene Chloride	ND	ug/kg	13.7	1	03/06/18 12:00	03/06/18 18:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.7	1	03/06/18 12:00	03/06/18 18:25	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB43 : 5250258 **Lab ID: 10422282003** Collected: 02/27/18 11:59 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	1634-04-4	
Naphthalene	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	91-20-3	
n-Propylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	103-65-1	
Styrene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	79-34-5	
Tetrachloroethene	116	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	127-18-4	
Tetrahydrofuran	ND	ug/kg	27.3	1	03/06/18 12:00	03/06/18 18:25	109-99-9	
Toluene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	79-00-5	
Trichloroethene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.8	1	03/06/18 12:00	03/06/18 18:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	108-67-8	
Vinyl chloride	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 18:25	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	1	03/06/18 12:00	03/06/18 18:25	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	118	%.	75-126	1	03/06/18 12:00	03/06/18 18:25	17060-07-0	
Toluene-d8 (S)	95	%.	75-125	1	03/06/18 12:00	03/06/18 18:25	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-128	1	03/06/18 12:00	03/06/18 18:25	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB43 : 5100116** Lab ID: **10422282004** Collected: 02/27/18 12:05 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	35.0	1	03/06/18 12:00	03/06/18 18:44	67-64-1	
Allyl chloride	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	107-05-1	
Benzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	71-43-2	
Bromobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	75-27-4	
Bromoform	ND	ug/kg	14.0	1	03/06/18 12:00	03/06/18 18:44	75-25-2	
Bromomethane	ND	ug/kg	14.0	1	03/06/18 12:00	03/06/18 18:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.0	1	03/06/18 12:00	03/06/18 18:44	78-93-3	
n-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	108-90-7	
Chloroethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	75-00-3	
Chloroform	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	67-66-3	
Chloromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	96-12-8	
Dibromochloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	106-93-4	
Dibromomethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	60-29-7	
Ethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	99-87-6	
Methylene Chloride	ND	ug/kg	14.0	1	03/06/18 12:00	03/06/18 18:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.0	1	03/06/18 12:00	03/06/18 18:44	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB43 : 5100116 **Lab ID: 10422282004** Collected: 02/27/18 12:05 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	1634-04-4	
Naphthalene	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	91-20-3	
n-Propylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	103-65-1	
Styrene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	79-34-5	
Tetrachloroethene	83.6	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	127-18-4	
Tetrahydrofuran	ND	ug/kg	28.0	1	03/06/18 12:00	03/06/18 18:44	109-99-9	
Toluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	79-00-5	
Trichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 18:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	108-67-8	
Vinyl chloride	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 18:44	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1	03/06/18 12:00	03/06/18 18:44	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%.	75-126	1	03/06/18 12:00	03/06/18 18:44	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/06/18 12:00	03/06/18 18:44	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-128	1	03/06/18 12:00	03/06/18 18:44	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB50 : 5050056 **Lab ID: 10422282005** Collected: 02/27/18 13:10 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	206	ug/kg	46.7	1	03/06/18 12:00	03/06/18 19:03	67-64-1	
Allyl chloride	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	107-05-1	
Benzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	71-43-2	
Bromobenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	75-27-4	
Bromoform	ND	ug/kg	18.7	1	03/06/18 12:00	03/06/18 19:03	75-25-2	
Bromomethane	ND	ug/kg	18.7	1	03/06/18 12:00	03/06/18 19:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	18.7	1	03/06/18 12:00	03/06/18 19:03	78-93-3	
n-Butylbenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	108-90-7	
Chloroethane	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	75-00-3	
Chloroform	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	67-66-3	
Chloromethane	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	96-12-8	
Dibromochloromethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	106-93-4	
Dibromomethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	60-29-7	
Ethylbenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	99-87-6	
Methylene Chloride	ND	ug/kg	18.7	1	03/06/18 12:00	03/06/18 19:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.7	1	03/06/18 12:00	03/06/18 19:03	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB50 : 5050056 **Lab ID: 10422282005** Collected: 02/27/18 13:10 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	1634-04-4	
Naphthalene	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	91-20-3	
n-Propylbenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	103-65-1	
Styrene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	79-34-5	
Tetrachloroethene	97.1	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	127-18-4	
Tetrahydrofuran	ND	ug/kg	37.4	1	03/06/18 12:00	03/06/18 19:03	109-99-9	
Toluene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	79-00-5	
Trichloroethene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 19:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	108-67-8	
Vinyl chloride	ND	ug/kg	3.7	1	03/06/18 12:00	03/06/18 19:03	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 19:03	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%.	75-126	1	03/06/18 12:00	03/06/18 19:03	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/06/18 12:00	03/06/18 19:03	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-128	1	03/06/18 12:00	03/06/18 19:03	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB50 : 5126141** Lab ID: **10422282006** Collected: 02/27/18 13:05 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	35.5	1	03/06/18 12:00	03/06/18 19:22	67-64-1	
Allyl chloride	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	107-05-1	
Benzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	71-43-2	
Bromobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	75-27-4	
Bromoform	ND	ug/kg	14.2	1	03/06/18 12:00	03/06/18 19:22	75-25-2	
Bromomethane	ND	ug/kg	14.2	1	03/06/18 12:00	03/06/18 19:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.2	1	03/06/18 12:00	03/06/18 19:22	78-93-3	
n-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	108-90-7	
Chloroethane	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	75-00-3	
Chloroform	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	67-66-3	
Chloromethane	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	96-12-8	
Dibromochloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	106-93-4	
Dibromomethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	60-29-7	
Ethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	99-87-6	
Methylene Chloride	ND	ug/kg	14.2	1	03/06/18 12:00	03/06/18 19:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.2	1	03/06/18 12:00	03/06/18 19:22	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB50 : 5126141** Lab ID: **10422282006** Collected: 02/27/18 13:05 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	1634-04-4	
Naphthalene	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	91-20-3	
n-Propylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	103-65-1	
Styrene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	79-34-5	
Tetrachloroethene	51.4	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	127-18-4	
Tetrahydrofuran	ND	ug/kg	28.4	1	03/06/18 12:00	03/06/18 19:22	109-99-9	
Toluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	79-00-5	
Trichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.1	1	03/06/18 12:00	03/06/18 19:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	108-67-8	
Vinyl chloride	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 19:22	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1	03/06/18 12:00	03/06/18 19:22	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%.	75-126	1	03/06/18 12:00	03/06/18 19:22	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/06/18 12:00	03/06/18 19:22	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-128	1	03/06/18 12:00	03/06/18 19:22	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB46 : 5075097** Lab ID: **10422282007** Collected: 02/27/18 13:32 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	40.6	1	03/06/18 12:00	03/06/18 19:41	67-64-1	
Allyl chloride	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	107-05-1	
Benzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	71-43-2	
Bromobenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	75-27-4	
Bromoform	ND	ug/kg	16.2	1	03/06/18 12:00	03/06/18 19:41	75-25-2	
Bromomethane	ND	ug/kg	16.2	1	03/06/18 12:00	03/06/18 19:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	16.2	1	03/06/18 12:00	03/06/18 19:41	78-93-3	
n-Butylbenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	108-90-7	
Chloroethane	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	75-00-3	
Chloroform	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	67-66-3	
Chloromethane	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	96-12-8	
Dibromochloromethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	106-93-4	
Dibromomethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	60-29-7	
Ethylbenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	99-87-6	
Methylene Chloride	ND	ug/kg	16.2	1	03/06/18 12:00	03/06/18 19:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.2	1	03/06/18 12:00	03/06/18 19:41	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB46 : 5075097 **Lab ID: 10422282007** Collected: 02/27/18 13:32 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	1634-04-4	
Naphthalene	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	91-20-3	
n-Propylbenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	103-65-1	
Styrene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	79-34-5	
Tetrachloroethene	18.5	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	127-18-4	
Tetrahydrofuran	ND	ug/kg	32.5	1	03/06/18 12:00	03/06/18 19:41	109-99-9	
Toluene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	79-00-5	
Trichloroethene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 19:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	108-67-8	
Vinyl chloride	ND	ug/kg	3.2	1	03/06/18 12:00	03/06/18 19:41	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1	03/06/18 12:00	03/06/18 19:41	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%.	75-126	1	03/06/18 12:00	03/06/18 19:41	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1	03/06/18 12:00	03/06/18 19:41	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-128	1	03/06/18 12:00	03/06/18 19:41	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB46 : 5004011** Lab ID: **10422282008** Collected: 02/27/18 13:36 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	242	ug/kg	38.0	1	03/06/18 12:00	03/06/18 20:00	67-64-1	
Allyl chloride	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	107-05-1	
Benzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	71-43-2	
Bromobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	75-27-4	
Bromoform	ND	ug/kg	15.2	1	03/06/18 12:00	03/06/18 20:00	75-25-2	
Bromomethane	ND	ug/kg	15.2	1	03/06/18 12:00	03/06/18 20:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	15.2	1	03/06/18 12:00	03/06/18 20:00	78-93-3	
n-Butylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	108-90-7	
Chloroethane	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	75-00-3	
Chloroform	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	67-66-3	
Chloromethane	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	96-12-8	
Dibromochloromethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	106-93-4	
Dibromomethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	60-29-7	
Ethylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	99-87-6	
Methylene Chloride	ND	ug/kg	15.2	1	03/06/18 12:00	03/06/18 20:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.2	1	03/06/18 12:00	03/06/18 20:00	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB46 : 5004011 **Lab ID: 10422282008** Collected: 02/27/18 13:36 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	1634-04-4	
Naphthalene	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	91-20-3	
n-Propylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	103-65-1	
Styrene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	79-34-5	
Tetrachloroethene	26.5	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	127-18-4	
Tetrahydrofuran	ND	ug/kg	30.4	1	03/06/18 12:00	03/06/18 20:00	109-99-9	
Toluene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	79-00-5	
Trichloroethene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.6	1	03/06/18 12:00	03/06/18 20:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	108-67-8	
Vinyl chloride	ND	ug/kg	3.0	1	03/06/18 12:00	03/06/18 20:00	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	1	03/06/18 12:00	03/06/18 20:00	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	111	%.	75-126	1	03/06/18 12:00	03/06/18 20:00	17060-07-0	
Toluene-d8 (S)	95	%.	75-125	1	03/06/18 12:00	03/06/18 20:00	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-128	1	03/06/18 12:00	03/06/18 20:00	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB42 : S 054061** Lab ID: **10422282009** Collected: 02/27/18 14:05 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	36.1	1	03/06/18 12:00	03/06/18 20:19	67-64-1	
Allyl chloride	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	107-05-1	
Benzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	71-43-2	
Bromobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	75-27-4	
Bromoform	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:19	75-25-2	
Bromomethane	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:19	78-93-3	
n-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	108-90-7	
Chloroethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	75-00-3	
Chloroform	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	67-66-3	
Chloromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	96-12-8	
Dibromochloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	106-93-4	
Dibromomethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	60-29-7	
Ethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	99-87-6	
Methylene Chloride	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:19	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB42 : S 054061 **Lab ID: 10422282009** Collected: 02/27/18 14:05 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	1634-04-4	
Naphthalene	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	91-20-3	
n-Propylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	103-65-1	
Styrene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	79-34-5	
Tetrachloroethene	55.5	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	127-18-4	
Tetrahydrofuran	ND	ug/kg	28.9	1	03/06/18 12:00	03/06/18 20:19	109-99-9	
Toluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	79-00-5	
Trichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	108-67-8	
Vinyl chloride	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:19	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1	03/06/18 12:00	03/06/18 20:19	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%.	75-126	1	03/06/18 12:00	03/06/18 20:19	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/06/18 12:00	03/06/18 20:19	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-128	1	03/06/18 12:00	03/06/18 20:19	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB42 : S 015024** Lab ID: **10422282010** Collected: 02/27/18 14:10 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	277	ug/kg	35.9	1	03/06/18 12:00	03/06/18 20:38	67-64-1	
Allyl chloride	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	107-05-1	
Benzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	71-43-2	
Bromobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	75-27-4	
Bromoform	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:38	75-25-2	
Bromomethane	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:38	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:38	78-93-3	
n-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	108-90-7	
Chloroethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	75-00-3	
Chloroform	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	67-66-3	
Chloromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	96-12-8	
Dibromochloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	106-93-4	
Dibromomethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	60-29-7	
Ethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	99-87-6	
Methylene Chloride	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.4	1	03/06/18 12:00	03/06/18 20:38	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB42 : S 015024** Lab ID: **10422282010** Collected: 02/27/18 14:10 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	1634-04-4	
Naphthalene	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	91-20-3	
n-Propylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	103-65-1	
Styrene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	79-34-5	
Tetrachloroethene	140	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	127-18-4	
Tetrahydrofuran	ND	ug/kg	28.7	1	03/06/18 12:00	03/06/18 20:38	109-99-9	
Toluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	79-00-5	
Trichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 20:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	108-67-8	
Vinyl chloride	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 20:38	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	1	03/06/18 12:00	03/06/18 20:38	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%.	75-126	1	03/06/18 12:00	03/06/18 20:38	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1	03/06/18 12:00	03/06/18 20:38	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-128	1	03/06/18 12:00	03/06/18 20:38	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB38 : S 100121 **Lab ID: 10422282011** Collected: 02/27/18 14:36 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	35.2	1	03/06/18 12:00	03/06/18 20:57	67-64-1	
Allyl chloride	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	107-05-1	
Benzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	71-43-2	
Bromobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	75-27-4	
Bromoform	ND	ug/kg	14.1	1	03/06/18 12:00	03/06/18 20:57	75-25-2	
Bromomethane	ND	ug/kg	14.1	1	03/06/18 12:00	03/06/18 20:57	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.1	1	03/06/18 12:00	03/06/18 20:57	78-93-3	
n-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	108-90-7	
Chloroethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	75-00-3	
Chloroform	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	67-66-3	
Chloromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	96-12-8	
Dibromochloromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	106-93-4	
Dibromomethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	60-29-7	
Ethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	99-87-6	
Methylene Chloride	ND	ug/kg	14.1	1	03/06/18 12:00	03/06/18 20:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.1	1	03/06/18 12:00	03/06/18 20:57	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB38 : S 100121 **Lab ID: 10422282011** Collected: 02/27/18 14:36 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	1634-04-4	
Naphthalene	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	91-20-3	
n-Propylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	103-65-1	
Styrene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	79-34-5	
Tetrachloroethene	67.3	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	127-18-4	
Tetrahydrofuran	ND	ug/kg	28.1	1	03/06/18 12:00	03/06/18 20:57	109-99-9	
Toluene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	79-00-5	
Trichloroethene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.0	1	03/06/18 12:00	03/06/18 20:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	108-67-8	
Vinyl chloride	ND	ug/kg	2.8	1	03/06/18 12:00	03/06/18 20:57	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1	03/06/18 12:00	03/06/18 20:57	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%.	75-126	1	03/06/18 12:00	03/06/18 20:57	17060-07-0	
Toluene-d8 (S)	95	%.	75-125	1	03/06/18 12:00	03/06/18 20:57	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-128	1	03/06/18 12:00	03/06/18 20:57	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB38 : S 025029 Lab ID: 10422282012 Collected: 02/27/18 14:40 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	198	ug/kg	36.2	1	03/06/18 12:00	03/06/18 21:15	67-64-1	
Allyl chloride	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	107-05-1	
Benzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	71-43-2	
Bromobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	75-27-4	
Bromoform	ND	ug/kg	14.5	1	03/06/18 12:00	03/06/18 21:15	75-25-2	
Bromomethane	ND	ug/kg	14.5	1	03/06/18 12:00	03/06/18 21:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.5	1	03/06/18 12:00	03/06/18 21:15	78-93-3	
n-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	108-90-7	
Chloroethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	75-00-3	
Chloroform	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	67-66-3	
Chloromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	96-12-8	
Dibromochloromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	106-93-4	
Dibromomethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	60-29-7	
Ethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	99-87-6	
Methylene Chloride	ND	ug/kg	14.5	1	03/06/18 12:00	03/06/18 21:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.5	1	03/06/18 12:00	03/06/18 21:15	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB38 : S 025029** Lab ID: **10422282012** Collected: 02/27/18 14:40 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	1634-04-4	
Naphthalene	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	91-20-3	
n-Propylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	103-65-1	
Styrene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	79-34-5	
Tetrahydrofuran	ND	ug/kg	28.9	1	03/06/18 12:00	03/06/18 21:15	109-99-9	
Toluene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	79-00-5	
Trichloroethene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	1	03/06/18 12:00	03/06/18 21:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	108-67-8	
Vinyl chloride	ND	ug/kg	2.9	1	03/06/18 12:00	03/06/18 21:15	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1	03/06/18 12:00	03/06/18 21:15	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%.	75-126	1	03/06/18 12:00	03/06/18 21:15	17060-07-0	
Toluene-d8 (S)	95	%.	75-125	1	03/06/18 12:00	03/06/18 21:15	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-128	1	03/06/18 12:00	03/06/18 21:15	460-00-4	
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Tetrachloroethene	1810	ug/kg	48.0	1	03/08/18 09:12	03/08/18 14:49	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%.	75-125	1	03/08/18 09:12	03/08/18 14:49	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1	03/08/18 09:12	03/08/18 14:49	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1	03/08/18 09:12	03/08/18 14:49	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB39 : S 100118 **Lab ID: 10422282013** Collected: 02/27/18 15:15 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	61.6	ug/kg	56.2	1	03/06/18 12:00	03/06/18 21:34	67-64-1	
Allyl chloride	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	107-05-1	
Benzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	75-27-4	
Bromoform	ND	ug/kg	22.5	1	03/06/18 12:00	03/06/18 21:34	75-25-2	
Bromomethane	ND	ug/kg	22.5	1	03/06/18 12:00	03/06/18 21:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.5	1	03/06/18 12:00	03/06/18 21:34	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	108-90-7	
Chloroethane	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	75-00-3	
Chloroform	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	67-66-3	
Chloromethane	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	156-60-5	
Dichlorofluoromethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	75-43-4	
1,2-Dichloropropane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	60-29-7	
Ethylbenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	99-87-6	
Methylene Chloride	ND	ug/kg	22.5	1	03/06/18 12:00	03/06/18 21:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.5	1	03/06/18 12:00	03/06/18 21:34	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB39 : S 100118 **Lab ID: 10422282013** Collected: 02/27/18 15:15 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	1634-04-4	
Naphthalene	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	103-65-1	
Styrene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	79-34-5	
Tetrahydrofuran	ND	ug/kg	44.9	1	03/06/18 12:00	03/06/18 21:34	109-99-9	
Toluene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.2	1	03/06/18 12:00	03/06/18 21:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	108-67-8	
Vinyl chloride	ND	ug/kg	4.5	1	03/06/18 12:00	03/06/18 21:34	75-01-4	
Xylene (Total)	ND	ug/kg	13.5	1	03/06/18 12:00	03/06/18 21:34	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%.	75-126	1	03/06/18 12:00	03/06/18 21:34	17060-07-0	
Toluene-d8 (S)	95	%.	75-125	1	03/06/18 12:00	03/06/18 21:34	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-128	1	03/06/18 12:00	03/06/18 21:34	460-00-4	
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Tetrachloroethene	539	ug/kg	49.5	1	03/08/18 09:12	03/08/18 15:07	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%.	75-125	1	03/08/18 09:12	03/08/18 15:07	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/08/18 09:12	03/08/18 15:07	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1	03/08/18 09:12	03/08/18 15:07	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB39 : S 070088 **Lab ID: 10422282014** Collected: 02/27/18 15:00 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	38.6	1	03/06/18 12:00	03/06/18 21:53	67-64-1	
Allyl chloride	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	107-05-1	
Benzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	71-43-2	
Bromobenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	75-27-4	
Bromoform	ND	ug/kg	15.4	1	03/06/18 12:00	03/06/18 21:53	75-25-2	
Bromomethane	ND	ug/kg	15.4	1	03/06/18 12:00	03/06/18 21:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	15.4	1	03/06/18 12:00	03/06/18 21:53	78-93-3	
n-Butylbenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	108-90-7	
Chloroethane	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	75-00-3	
Chloroform	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	67-66-3	
Chloromethane	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	96-12-8	
Dibromochloromethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	106-93-4	
Dibromomethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	60-29-7	
Ethylbenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	99-87-6	
Methylene Chloride	ND	ug/kg	15.4	1	03/06/18 12:00	03/06/18 21:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.4	1	03/06/18 12:00	03/06/18 21:53	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB39 : S 070088 **Lab ID: 10422282014** Collected: 02/27/18 15:00 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	1634-04-4	
Naphthalene	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	91-20-3	
n-Propylbenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	103-65-1	
Styrene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	79-34-5	
Tetrahydrofuran	ND	ug/kg	30.9	1	03/06/18 12:00	03/06/18 21:53	109-99-9	
Toluene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	79-00-5	
Trichloroethene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.7	1	03/06/18 12:00	03/06/18 21:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	108-67-8	
Vinyl chloride	ND	ug/kg	3.1	1	03/06/18 12:00	03/06/18 21:53	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1	03/06/18 12:00	03/06/18 21:53	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%.	75-126	1	03/06/18 12:00	03/06/18 21:53	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/06/18 12:00	03/06/18 21:53	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-128	1	03/06/18 12:00	03/06/18 21:53	460-00-4	
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Tetrachloroethene	728	ug/kg	47.7	1	03/08/18 09:12	03/08/18 15:25	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%.	75-125	1	03/08/18 09:12	03/08/18 15:25	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/08/18 09:12	03/08/18 15:25	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1	03/08/18 09:12	03/08/18 15:25	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB40 : S 118141** Lab ID: **10422282015** Collected: 02/27/18 16:00 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	34.8	1	03/07/18 17:13	03/08/18 00:35	67-64-1	M1,R1
Allyl chloride	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	107-05-1	M1,R1
Benzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	71-43-2	M1,R1
Bromobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	108-86-1	M1,R1
Bromochloromethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	74-97-5	M1,R1
Bromodichloromethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	75-27-4	M1,R1
Bromoform	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 00:35	75-25-2	M1,R1
Bromomethane	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 00:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 00:35	78-93-3	M1,R1
n-Butylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	104-51-8	R1
sec-Butylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	135-98-8	R1
tert-Butylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	98-06-6	R1
Carbon tetrachloride	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	56-23-5	M1,R1
Chlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	108-90-7	M1,R1
Chloroethane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	75-00-3	
Chloroform	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	67-66-3	M1,R1
Chloromethane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	95-49-8	R1
4-Chlorotoluene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	106-43-4	R1
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	96-12-8	M1
Dibromochloromethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	124-48-1	M1,R1
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	106-93-4	M1,R1
Dibromomethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	74-95-3	M1,R1
1,2-Dichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	95-50-1	R1
1,3-Dichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	541-73-1	R1
1,4-Dichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	106-46-7	R1
Dichlorodifluoromethane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	75-34-3	M1,R1
1,2-Dichloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	107-06-2	M1,R1
1,1-Dichloroethene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	75-35-4	M1,R1
cis-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	156-59-2	M1,R1
trans-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	156-60-5	M1,R1
Dichlorofluoromethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	78-87-5	M1,R1
1,3-Dichloropropane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	142-28-9	M1,R1
2,2-Dichloropropane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	594-20-7	M1,R1
1,1-Dichloropropene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	563-58-6	M1,R1
cis-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	10061-01-5	M1,R1
trans-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	10061-02-6	M1,R1
Diethyl ether (Ethyl ether)	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	60-29-7	M1,R1
Ethylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	100-41-4	M1,R1
Hexachloro-1,3-butadiene	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	87-68-3	R1
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	98-82-8	M1,R1
p-Isopropyltoluene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	99-87-6	R1
Methylene Chloride	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 00:35	75-09-2	M1,R1
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 00:35	108-10-1	M1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB40 : S 118141 **Lab ID: 10422282015** Collected: 02/27/18 16:00 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	1634-04-4	M1,R1
Naphthalene	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	91-20-3	M1
n-Propylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	103-65-1	R1
Styrene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	100-42-5	M1,R1
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	630-20-6	M1,R1
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	79-34-5	M1
Tetrahydrofuran	ND	ug/kg	27.8	1	03/07/18 17:13	03/08/18 00:35	109-99-9	M1,R1
Toluene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	108-88-3	M1,R1
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	87-61-6	R1
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	120-82-1	R1
1,1,1-Trichloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	71-55-6	M1,R1
1,1,2-Trichloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	79-00-5	M1,R1
Trichloroethene	2.8	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	79-01-6	M1
Trichlorofluoromethane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 00:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	96-18-4	M1
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	76-13-1	M1,R1
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	95-63-6	R1
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	108-67-8	R1
Vinyl chloride	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 00:35	75-01-4	
Xylene (Total)	ND	ug/kg	8.3	1	03/07/18 17:13	03/08/18 00:35	1330-20-7	MS,RS
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%.	75-126	1	03/07/18 17:13	03/08/18 00:35	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/07/18 17:13	03/08/18 00:35	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-128	1	03/07/18 17:13	03/08/18 00:35	460-00-4	
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Tetrachloroethene	677	ug/kg	50.7	1	03/08/18 09:12	03/08/18 14:31	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%.	75-125	1	03/08/18 09:12	03/08/18 14:31	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/08/18 09:12	03/08/18 14:31	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1	03/08/18 09:12	03/08/18 14:31	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: SB40 : S 028040 **Lab ID: 10422282016** Collected: 02/27/18 16:05 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	44.6	1	03/07/18 17:13	03/08/18 00:53	67-64-1	
Allyl chloride	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	107-05-1	
Benzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	75-27-4	
Bromoform	ND	ug/kg	17.9	1	03/07/18 17:13	03/08/18 00:53	75-25-2	
Bromomethane	ND	ug/kg	17.9	1	03/07/18 17:13	03/08/18 00:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	17.9	1	03/07/18 17:13	03/08/18 00:53	78-93-3	
n-Butylbenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	108-90-7	
Chloroethane	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	75-00-3	
Chloroform	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	67-66-3	
Chloromethane	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	96-12-8	
Dibromochloromethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	106-93-4	
Dibromomethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	60-29-7	
Ethylbenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	99-87-6	
Methylene Chloride	ND	ug/kg	17.9	1	03/07/18 17:13	03/08/18 00:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.9	1	03/07/18 17:13	03/08/18 00:53	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: **SB40 : S 028040** Lab ID: **10422282016** Collected: 02/27/18 16:05 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	1634-04-4	
Naphthalene	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	91-20-3	
n-Propylbenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	103-65-1	
Styrene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	79-34-5	
Tetrachloroethene	180	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	127-18-4	
Tetrahydrofuran	ND	ug/kg	35.7	1	03/07/18 17:13	03/08/18 00:53	109-99-9	
Toluene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	79-00-5	
Trichloroethene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.9	1	03/07/18 17:13	03/08/18 00:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	108-67-8	
Vinyl chloride	ND	ug/kg	3.6	1	03/07/18 17:13	03/08/18 00:53	75-01-4	
Xylene (Total)	ND	ug/kg	10.7	1	03/07/18 17:13	03/08/18 00:53	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%.	75-126	1	03/07/18 17:13	03/08/18 00:53	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/07/18 17:13	03/08/18 00:53	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-128	1	03/07/18 17:13	03/08/18 00:53	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: FD1 : S 022718 Lab ID: 10422282017 Collected: 02/27/18 00:00 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	33.7	1	03/06/18 12:00	03/06/18 22:12	67-64-1	
Allyl chloride	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	107-05-1	
Benzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	71-43-2	
Bromobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	75-27-4	
Bromoform	ND	ug/kg	13.5	1	03/06/18 12:00	03/06/18 22:12	75-25-2	
Bromomethane	ND	ug/kg	13.5	1	03/06/18 12:00	03/06/18 22:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	13.5	1	03/06/18 12:00	03/06/18 22:12	78-93-3	
n-Butylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	108-90-7	
Chloroethane	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	75-00-3	
Chloroform	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	67-66-3	
Chloromethane	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	96-12-8	
Dibromochloromethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	106-93-4	
Dibromomethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	60-29-7	
Ethylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	99-87-6	
Methylene Chloride	ND	ug/kg	13.5	1	03/06/18 12:00	03/06/18 22:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.5	1	03/06/18 12:00	03/06/18 22:12	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Sample: FD1 : S 022718 **Lab ID: 10422282017** Collected: 02/27/18 00:00 Received: 03/01/18 10:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	1634-04-4	
Naphthalene	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	91-20-3	
n-Propylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	103-65-1	
Styrene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	79-34-5	
Tetrachloroethene	65.3	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	127-18-4	
Tetrahydrofuran	ND	ug/kg	27.0	1	03/06/18 12:00	03/06/18 22:12	109-99-9	
Toluene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	79-00-5	
Trichloroethene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.7	1	03/06/18 12:00	03/06/18 22:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	108-67-8	
Vinyl chloride	ND	ug/kg	2.7	1	03/06/18 12:00	03/06/18 22:12	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	1	03/06/18 12:00	03/06/18 22:12	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%.	75-126	1	03/06/18 12:00	03/06/18 22:12	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/06/18 12:00	03/06/18 22:12	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-128	1	03/06/18 12:00	03/06/18 22:12	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Project No.: 10422282

QC Batch:	526029	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 5035 Low	Analysis Description:	8260B MSV 5035 Low Level
Associated Lab Samples:	10422282001, 10422282002, 10422282003, 10422282004, 10422282005, 10422282006, 10422282007, 10422282008, 10422282009, 10422282010, 10422282011, 10422282012, 10422282013, 10422282014, 10422282017		

METHOD BLANK: 2854692 Matrix: Solid

Associated Lab Samples: 10422282001, 10422282002, 10422282003, 10422282004, 10422282005, 10422282006, 10422282007, 10422282008, 10422282009, 10422282010, 10422282011, 10422282012, 10422282013, 10422282014, 10422282017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.0	03/06/18 13:33	
1,1,1-Trichloroethane	ug/kg	ND	4.0	03/06/18 13:33	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.0	03/06/18 13:33	
1,1,2-Trichloroethane	ug/kg	ND	4.0	03/06/18 13:33	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	4.0	03/06/18 13:33	
1,1-Dichloroethane	ug/kg	ND	4.0	03/06/18 13:33	
1,1-Dichloroethene	ug/kg	ND	4.0	03/06/18 13:33	
1,1-Dichloropropene	ug/kg	ND	4.0	03/06/18 13:33	
1,2,3-Trichlorobenzene	ug/kg	ND	4.0	03/06/18 13:33	
1,2,3-Trichloropropane	ug/kg	ND	4.0	03/06/18 13:33	
1,2,4-Trichlorobenzene	ug/kg	ND	4.0	03/06/18 13:33	
1,2,4-Trimethylbenzene	ug/kg	ND	4.0	03/06/18 13:33	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	03/06/18 13:33	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.0	03/06/18 13:33	
1,2-Dichlorobenzene	ug/kg	ND	4.0	03/06/18 13:33	
1,2-Dichloroethane	ug/kg	ND	4.0	03/06/18 13:33	
1,2-Dichloropropane	ug/kg	ND	4.0	03/06/18 13:33	
1,3,5-Trimethylbenzene	ug/kg	ND	4.0	03/06/18 13:33	
1,3-Dichlorobenzene	ug/kg	ND	4.0	03/06/18 13:33	
1,3-Dichloropropane	ug/kg	ND	4.0	03/06/18 13:33	
1,4-Dichlorobenzene	ug/kg	ND	4.0	03/06/18 13:33	
2,2-Dichloropropane	ug/kg	ND	10.0	03/06/18 13:33	
2-Butanone (MEK)	ug/kg	ND	20.0	03/06/18 13:33	
2-Chlorotoluene	ug/kg	ND	4.0	03/06/18 13:33	
4-Chlorotoluene	ug/kg	ND	4.0	03/06/18 13:33	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	20.0	03/06/18 13:33	
Acetone	ug/kg	ND	50.0	03/06/18 13:33	MN
Allyl chloride	ug/kg	ND	10.0	03/06/18 13:33	
Benzene	ug/kg	ND	4.0	03/06/18 13:33	
Bromobenzene	ug/kg	ND	4.0	03/06/18 13:33	
Bromochloromethane	ug/kg	ND	4.0	03/06/18 13:33	
Bromodichloromethane	ug/kg	ND	4.0	03/06/18 13:33	
Bromoform	ug/kg	ND	20.0	03/06/18 13:33	
Bromomethane	ug/kg	ND	20.0	03/06/18 13:33	
Carbon tetrachloride	ug/kg	ND	4.0	03/06/18 13:33	
Chlorobenzene	ug/kg	ND	4.0	03/06/18 13:33	
Chloroethane	ug/kg	ND	10.0	03/06/18 13:33	
Chloroform	ug/kg	ND	4.0	03/06/18 13:33	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

METHOD BLANK: 2854692

Matrix: Solid

Associated Lab Samples: 10422282001, 10422282002, 10422282003, 10422282004, 10422282005, 10422282006, 10422282007, 10422282008, 10422282009, 10422282010, 10422282011, 10422282012, 10422282013, 10422282014, 10422282017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloromethane	ug/kg	ND	10.0	03/06/18 13:33	
cis-1,2-Dichloroethene	ug/kg	ND	4.0	03/06/18 13:33	
cis-1,3-Dichloropropene	ug/kg	ND	4.0	03/06/18 13:33	
Dibromochloromethane	ug/kg	ND	4.0	03/06/18 13:33	
Dibromomethane	ug/kg	ND	4.0	03/06/18 13:33	
Dichlorodifluoromethane	ug/kg	ND	10.0	03/06/18 13:33	
Dichlorofluoromethane	ug/kg	ND	4.0	03/06/18 13:33	
Diethyl ether (Ethyl ether)	ug/kg	ND	10.0	03/06/18 13:33	
Ethylbenzene	ug/kg	ND	4.0	03/06/18 13:33	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	03/06/18 13:33	
Isopropylbenzene (Cumene)	ug/kg	ND	4.0	03/06/18 13:33	
Methyl-tert-butyl ether	ug/kg	ND	4.0	03/06/18 13:33	
Methylene Chloride	ug/kg	ND	20.0	03/06/18 13:33	
n-Butylbenzene	ug/kg	ND	4.0	03/06/18 13:33	
n-Propylbenzene	ug/kg	ND	4.0	03/06/18 13:33	
Naphthalene	ug/kg	ND	10.0	03/06/18 13:33	
p-Isopropyltoluene	ug/kg	ND	4.0	03/06/18 13:33	
sec-Butylbenzene	ug/kg	ND	4.0	03/06/18 13:33	
Styrene	ug/kg	ND	4.0	03/06/18 13:33	
tert-Butylbenzene	ug/kg	ND	4.0	03/06/18 13:33	
Tetrachloroethene	ug/kg	ND	4.0	03/06/18 13:33	
Tetrahydrofuran	ug/kg	ND	40.0	03/06/18 13:33	
Toluene	ug/kg	ND	4.0	03/06/18 13:33	
trans-1,2-Dichloroethene	ug/kg	ND	4.0	03/06/18 13:33	
trans-1,3-Dichloropropene	ug/kg	ND	4.0	03/06/18 13:33	
Trichloroethene	ug/kg	ND	4.0	03/06/18 13:33	
Trichlorofluoromethane	ug/kg	ND	10.0	03/06/18 13:33	
Vinyl chloride	ug/kg	ND	4.0	03/06/18 13:33	
Xylene (Total)	ug/kg	ND	12.0	03/06/18 13:33	
1,2-Dichloroethane-d4 (S)	%	105	75-126	03/06/18 13:33	
4-Bromofluorobenzene (S)	%	99	75-128	03/06/18 13:33	
Toluene-d8 (S)	%	99	75-125	03/06/18 13:33	

LABORATORY CONTROL SAMPLE & LCSD: 2854693

2854694

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	20	17.4	17.1	87	86	75-125	1	20	
1,1,1-Trichloroethane	ug/kg	20	18.8	17.7	94	89	75-125	6	20	
1,1,2,2-Tetrachloroethane	ug/kg	20	17.9	17.8	89	89	67-125	1	20	
1,1,2-Trichloroethane	ug/kg	20	18.6	18.3	93	92	75-125	2	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	20	18.8	17.8	94	89	70-125	5	20	
1,1-Dichloroethane	ug/kg	20	18.0	17.2	90	86	70-125	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

LABORATORY CONTROL SAMPLE & LCSD: 2854693			2854694							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/kg	20	18.5	17.1	92	86	67-125	8	20	
1,1-Dichloropropene	ug/kg	20	18.0	16.9	90	85	68-125	6	20	
1,2,3-Trichlorobenzene	ug/kg	20	17.4	17.2	87	86	75-125	1	20	
1,2,3-Trichloropropane	ug/kg	20	18.0	18.4	90	92	75-125	2	20	
1,2,4-Trichlorobenzene	ug/kg	20	16.8	16.2	84	81	75-125	3	20	
1,2,4-Trimethylbenzene	ug/kg	20	17.1	16.5	85	83	75-125	3	20	
1,2-Dibromo-3-chloropropane	ug/kg	50	37.7	38.4	75	77	68-125	2	20	
1,2-Dibromoethane (EDB)	ug/kg	20	18.1	18.1	90	91	75-125	0	20	
1,2-Dichlorobenzene	ug/kg	20	17.6	17.2	88	86	75-125	3	20	
1,2-Dichloroethane	ug/kg	20	18.7	18.3	94	92	74-125	2	20	
1,2-Dichloropropane	ug/kg	20	18.2	18.7	91	94	75-125	3	20	
1,3,5-Trimethylbenzene	ug/kg	20	17.0	16.5	85	82	75-125	3	20	
1,3-Dichlorobenzene	ug/kg	20	17.2	16.8	86	84	75-125	2	20	
1,3-Dichloropropane	ug/kg	20	17.9	17.6	90	88	75-125	2	20	
1,4-Dichlorobenzene	ug/kg	20	17.7	17.1	89	86	75-125	3	20	
2,2-Dichloropropane	ug/kg	20	17.2	16.1	86	80	75-125	7	20	
2-Butanone (MEK)	ug/kg	100	91.0	86.4	91	86	56-134	5	20	
2-Chlorotoluene	ug/kg	20	17.1	16.3	85	82	75-125	5	20	
4-Chlorotoluene	ug/kg	20	17.3	16.5	87	82	75-125	5	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	85.3	85.8	85	86	71-125	1	20	
Acetone	ug/kg	100	90.2	85.8	90	86	30-150	5	20	
Allyl chloride	ug/kg	20	16.2	15.5	81	77	65-125	4	20	
Benzene	ug/kg	20	18.2	17.4	91	87	69-125	4	20	
Bromobenzene	ug/kg	20	17.3	16.9	87	85	75-125	2	20	
Bromochloromethane	ug/kg	20	19.4	18.9	97	94	75-125	3	20	
Bromodichloromethane	ug/kg	20	17.3	17.5	86	88	75-125	1	20	
Bromoform	ug/kg	20	16.2J	15.4J	81	77	75-125		20	
Bromomethane	ug/kg	20	21.0	19J	105	95	67-131		20	
Carbon tetrachloride	ug/kg	20	18.0	17.1	90	86	75-125	5	20	
Chlorobenzene	ug/kg	20	17.7	17.1	89	85	75-125	4	20	
Chloroethane	ug/kg	20	19.6	18.8	98	94	63-125	4	20	
Chloroform	ug/kg	20	19.0	18.0	95	90	75-125	5	20	
Chloromethane	ug/kg	20	32.8	31.0	164	155	30-150	6	20	CH,L3
cis-1,2-Dichloroethene	ug/kg	20	18.5	17.8	93	89	72-125	4	20	
cis-1,3-Dichloropropene	ug/kg	20	16.7	17.3	84	87	73-125	4	20	
Dibromochloromethane	ug/kg	20	17.2	17.0	86	85	75-125	1	20	
Dibromomethane	ug/kg	20	18.1	18.7	91	93	75-125	3	20	
Dichlorodifluoromethane	ug/kg	20	18.6	17.5	93	88	55-134	6	20	
Dichlorofluoromethane	ug/kg	20	20.1	19.0	101	95	75-125	6	20	
Diethyl ether (Ethyl ether)	ug/kg	20	17.9	17.5	90	88	68-125	2	20	
Ethylbenzene	ug/kg	20	17.2	16.2	86	81	75-125	6	20	
Hexachloro-1,3-butadiene	ug/kg	20	17.5	16.3	87	82	75-125	7	20	
Isopropylbenzene (Cumene)	ug/kg	20	17.9	17.0	89	85	75-125	5	20	
Methyl-tert-butyl ether	ug/kg	20	18.2	17.8	91	89	70-125	2	20	
Methylene Chloride	ug/kg	20	17.6J	16.7J	88	84	58-134		20	
n-Butylbenzene	ug/kg	20	17.1	15.9	85	79	74-125	7	20	
n-Propylbenzene	ug/kg	20	17.2	16.3	86	81	75-125	6	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

LABORATORY CONTROL SAMPLE & LCSD: 2854693			2854694							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/kg	20	16.1	16.7	81	84	66-125	4	20	
p-Isopropyltoluene	ug/kg	20	17.3	16.5	87	82	75-125	5	20	
sec-Butylbenzene	ug/kg	20	17.4	16.5	87	83	75-125	5	20	
Styrene	ug/kg	20	17.5	17.0	88	85	75-125	3	20	
tert-Butylbenzene	ug/kg	20	16.9	16.4	85	82	75-125	3	20	
Tetrachloroethene	ug/kg	20	17.6	16.5	88	83	72-125	6	20	
Tetrahydrofuran	ug/kg	200	196	194	98	97	36-146	1	20	
Toluene	ug/kg	20	17.0	15.9	85	80	75-125	6	20	
trans-1,2-Dichloroethene	ug/kg	20	18.7	17.8	93	89	69-125	5	20	
trans-1,3-Dichloropropene	ug/kg	20	17.4	16.8	87	84	75-125	3	20	
Trichloroethene	ug/kg	20	17.6	17.3	88	86	75-125	2	20	
Trichlorofluoromethane	ug/kg	20	19.5	18.1	97	91	72-127	7	20	
Vinyl chloride	ug/kg	20	18.0	16.7	90	83	67-127	7	20	
Xylene (Total)	ug/kg	60	52.6	50.0	88	83	75-125	5	20	
1,2-Dichloroethane-d4 (S)	%				104	103	75-126			
4-Bromofluorobenzene (S)	%				97	97	75-128			
Toluene-d8 (S)	%				100	99	75-125			

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Project No.: 10422282

QC Batch:	526130	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 5035 Low	Analysis Description:	8260B MSV 5035 Low Level
Associated Lab Samples:	10422282015, 10422282016		

METHOD BLANK: 2855057 Matrix: Solid

Associated Lab Samples: 10422282015, 10422282016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1,1-Trichloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1,2-Trichloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1-Dichloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1-Dichloroethene	ug/kg	ND	4.0	03/07/18 23:19	
1,1-Dichloropropene	ug/kg	ND	4.0	03/07/18 23:19	
1,2,3-Trichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,2,3-Trichloropropane	ug/kg	ND	4.0	03/07/18 23:19	
1,2,4-Trichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,2,4-Trimethylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	03/07/18 23:19	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.0	03/07/18 23:19	
1,2-Dichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,2-Dichloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,2-Dichloropropane	ug/kg	ND	4.0	03/07/18 23:19	
1,3,5-Trimethylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,3-Dichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,3-Dichloropropane	ug/kg	ND	4.0	03/07/18 23:19	
1,4-Dichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
2,2-Dichloropropane	ug/kg	ND	10.0	03/07/18 23:19	
2-Butanone (MEK)	ug/kg	ND	20.0	03/07/18 23:19	
2-Chlorotoluene	ug/kg	ND	4.0	03/07/18 23:19	
4-Chlorotoluene	ug/kg	ND	4.0	03/07/18 23:19	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	20.0	03/07/18 23:19	
Acetone	ug/kg	ND	50.0	03/07/18 23:19	
Allyl chloride	ug/kg	ND	10.0	03/07/18 23:19	
Benzene	ug/kg	ND	4.0	03/07/18 23:19	
Bromobenzene	ug/kg	ND	4.0	03/07/18 23:19	
Bromochloromethane	ug/kg	ND	4.0	03/07/18 23:19	
Bromodichloromethane	ug/kg	ND	4.0	03/07/18 23:19	
Bromoform	ug/kg	ND	20.0	03/07/18 23:19	
Bromomethane	ug/kg	ND	20.0	03/07/18 23:19	
Carbon tetrachloride	ug/kg	ND	4.0	03/07/18 23:19	
Chlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
Chloroethane	ug/kg	ND	10.0	03/07/18 23:19	
Chloroform	ug/kg	ND	4.0	03/07/18 23:19	
Chloromethane	ug/kg	ND	10.0	03/07/18 23:19	
cis-1,2-Dichloroethene	ug/kg	ND	4.0	03/07/18 23:19	
cis-1,3-Dichloropropene	ug/kg	ND	4.0	03/07/18 23:19	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

METHOD BLANK: 2855057

Matrix: Solid

Associated Lab Samples: 10422282015, 10422282016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	4.0	03/07/18 23:19	
Dibromomethane	ug/kg	ND	4.0	03/07/18 23:19	
Dichlorodifluoromethane	ug/kg	ND	10.0	03/07/18 23:19	
Dichlorofluoromethane	ug/kg	ND	4.0	03/07/18 23:19	
Diethyl ether (Ethyl ether)	ug/kg	ND	10.0	03/07/18 23:19	
Ethylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	03/07/18 23:19	
Isopropylbenzene (Cumene)	ug/kg	ND	4.0	03/07/18 23:19	
Methyl-tert-butyl ether	ug/kg	ND	4.0	03/07/18 23:19	
Methylene Chloride	ug/kg	ND	20.0	03/07/18 23:19	
n-Butylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
n-Propylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
Naphthalene	ug/kg	ND	10.0	03/07/18 23:19	
p-Isopropyltoluene	ug/kg	ND	4.0	03/07/18 23:19	
sec-Butylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
Styrene	ug/kg	ND	4.0	03/07/18 23:19	
tert-Butylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
Tetrachloroethene	ug/kg	ND	4.0	03/07/18 23:19	
Tetrahydrofuran	ug/kg	ND	40.0	03/07/18 23:19	
Toluene	ug/kg	ND	4.0	03/07/18 23:19	
trans-1,2-Dichloroethene	ug/kg	ND	4.0	03/07/18 23:19	
trans-1,3-Dichloropropene	ug/kg	ND	4.0	03/07/18 23:19	
Trichloroethene	ug/kg	ND	4.0	03/07/18 23:19	
Trichlorofluoromethane	ug/kg	ND	10.0	03/07/18 23:19	
Vinyl chloride	ug/kg	ND	4.0	03/07/18 23:19	
Xylene (Total)	ug/kg	ND	12.0	03/07/18 23:19	
1,2-Dichloroethane-d4 (S)	%	102	75-126	03/07/18 23:19	
4-Bromofluorobenzene (S)	%	102	75-128	03/07/18 23:19	
Toluene-d8 (S)	%	102	75-125	03/07/18 23:19	

LABORATORY CONTROL SAMPLE & LCSD: 2855058

		2855059								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	20	20.1	19.8	101	99	75-125	2	20	
1,1,1-Trichloroethane	ug/kg	20	19.7	19.9	99	100	75-125	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	20	20.0	19.0	100	95	67-125	5	20	
1,1,2-Trichloroethane	ug/kg	20	20.5	20.4	103	102	75-125	1	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	20	19.8	20.1	99	100	70-125	1	20	
1,1-Dichloroethane	ug/kg	20	20.9	21.0	105	105	70-125	0	20	
1,1-Dichloroethene	ug/kg	20	18.9	18.7	94	94	67-125	1	20	
1,1-Dichloropropene	ug/kg	20	21.0	20.5	105	103	68-125	2	20	
1,2,3-Trichlorobenzene	ug/kg	20	20.5	18.9	102	94	75-125	8	20	
1,2,3-Trichloropropane	ug/kg	20	21.3	19.7	106	98	75-125	8	20	
1,2,4-Trichlorobenzene	ug/kg	20	19.2	17.7	96	89	75-125	8	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

LABORATORY CONTROL SAMPLE & LCSD: 2855058			2855059							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	20.5	19.4	103	97	75-125	6	20	
1,2-Dibromo-3-chloropropane	ug/kg	50	47.2	46.5	94	93	68-125	1	20	
1,2-Dibromoethane (EDB)	ug/kg	20	20.0	19.8	100	99	75-125	1	20	
1,2-Dichlorobenzene	ug/kg	20	21.0	19.9	105	99	75-125	6	20	
1,2-Dichloroethane	ug/kg	20	20.3	20.3	101	102	74-125	0	20	
1,2-Dichloropropane	ug/kg	20	21.3	20.6	106	103	75-125	3	20	
1,3,5-Trimethylbenzene	ug/kg	20	20.8	19.6	104	98	75-125	6	20	
1,3-Dichlorobenzene	ug/kg	20	20.0	18.8	100	94	75-125	6	20	
1,3-Dichloropropane	ug/kg	20	20.0	20.1	100	100	75-125	0	20	
1,4-Dichlorobenzene	ug/kg	20	20.7	19.7	104	98	75-125	5	20	
2,2-Dichloropropane	ug/kg	20	19.8	19.5	99	98	75-125	1	20	
2-Butanone (MEK)	ug/kg	100	96.3	96.9	96	97	56-134	1	20	
2-Chlorotoluene	ug/kg	20	21.6	20.5	108	102	75-125	5	20	
4-Chlorotoluene	ug/kg	20	21.5	20.2	107	101	75-125	6	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	107	108	107	108	71-125	1	20	
Acetone	ug/kg	100	103	113	103	113	30-150	9	20	
Allyl chloride	ug/kg	20	20.4	20.2	102	101	65-125	1	20	
Benzene	ug/kg	20	20.8	20.6	104	103	69-125	1	20	
Bromobenzene	ug/kg	20	20.9	20.1	104	101	75-125	4	20	
Bromochloromethane	ug/kg	20	19.9	20.1	100	100	75-125	1	20	
Bromodichloromethane	ug/kg	20	19.4	19.0	97	95	75-125	2	20	
Bromoform	ug/kg	20	19.3J	19.4J	96	97	75-125		20	
Bromomethane	ug/kg	20	25.6	24.8	128	124	67-131	3	20	
Carbon tetrachloride	ug/kg	20	19.9	19.2	100	96	75-125	4	20	
Chlorobenzene	ug/kg	20	20.4	20.3	102	102	75-125	1	20	
Chloroethane	ug/kg	20	20.8	21.3	104	106	63-125	2	20	
Chloroform	ug/kg	20	20.3	20.6	102	103	75-125	1	20	
Chloromethane	ug/kg	20	22.3	23.1	112	115	30-150	3	20	
cis-1,2-Dichloroethene	ug/kg	20	20.1	19.6	101	98	72-125	3	20	
cis-1,3-Dichloropropene	ug/kg	20	20.3	19.9	101	99	73-125	2	20	
Dibromochloromethane	ug/kg	20	20.0	19.9	100	99	75-125	0	20	
Dibromomethane	ug/kg	20	20.0	19.3	100	96	75-125	4	20	
Dichlorodifluoromethane	ug/kg	20	17.3	17.6	86	88	55-134	2	20	
Dichlorofluoromethane	ug/kg	20	21.1	21.3	105	106	75-125	1	20	
Diethyl ether (Ethyl ether)	ug/kg	20	20.6	20.3	103	101	68-125	1	20	
Ethylbenzene	ug/kg	20	20.7	20.3	104	101	75-125	2	20	
Hexachloro-1,3-butadiene	ug/kg	20	19.9	18.1	99	90	75-125	10	20	
Isopropylbenzene (Cumene)	ug/kg	20	21.2	20.3	106	101	75-125	5	20	
Methyl-tert-butyl ether	ug/kg	20	20.7	20.3	104	102	70-125	2	20	
Methylene Chloride	ug/kg	20	19.7J	19.8J	99	99	58-134		20	
n-Butylbenzene	ug/kg	20	19.9	18.3	99	92	74-125	8	20	
n-Propylbenzene	ug/kg	20	21.0	19.9	105	100	75-125	5	20	
Naphthalene	ug/kg	20	20.0	19.3	100	96	66-125	4	20	
p-Isopropyltoluene	ug/kg	20	20.8	19.8	104	99	75-125	5	20	
sec-Butylbenzene	ug/kg	20	20.6	19.4	103	97	75-125	6	20	
Styrene	ug/kg	20	20.0	19.6	100	98	75-125	2	20	
tert-Butylbenzene	ug/kg	20	21.1	20.0	105	100	75-125	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

LABORATORY CONTROL SAMPLE & LCSD: 2855058			2855059								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Tetrachloroethene	ug/kg	20	20.6	20.2	103	101	72-125	2	20		
Tetrahydrofuran	ug/kg	200	210	203	105	102	36-146	3	20		
Toluene	ug/kg	20	20.4	20.0	102	100	75-125	2	20		
trans-1,2-Dichloroethene	ug/kg	20	19.4	19.1	97	95	69-125	2	20		
trans-1,3-Dichloropropene	ug/kg	20	19.4	19.5	97	98	75-125	1	20		
Trichloroethene	ug/kg	20	21.3	21.0	107	105	75-125	2	20		
Trichlorofluoromethane	ug/kg	20	20.1	20.4	100	102	72-127	1	20		
Vinyl chloride	ug/kg	20	18.0	18.6	90	93	67-127	4	20		
Xylene (Total)	ug/kg	60	62.5	60.5	104	101	75-125	3	20		
1,2-Dichloroethane-d4 (S)	%				99	100	75-126				
4-Bromofluorobenzene (S)	%				100	99	75-128				
Toluene-d8 (S)	%				101	101	75-125				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2855807				2855808								
Parameter	Units	10422433013	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
		Result	Spike Conc.	Spike Conc.						Result	Result	
1,1,1,2-Tetrachloroethane	ug/kg	ND	15.6	15.3	15.1	15.9	97	104	47-150	5	30	
1,1,1-Trichloroethane	ug/kg	ND	15.6	15.3	17.3	17.4	111	114	34-150	1	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	15.6	15.3	17.8	18.4	114	120	32-148	3	30	
1,1,2-Trichloroethane	ug/kg	ND	15.6	15.3	16.2	17.0	104	111	55-150	5	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	15.6	15.3	20.3	20.2	130	132	30-150	1	30	
1,1-Dichloroethane	ug/kg	ND	15.6	15.3	17.5	17.8	112	117	30-150	2	30	
1,1-Dichloroethene	ug/kg	ND	15.6	15.3	17.3	17.4	111	114	30-150	1	30	
1,1-Dichloropropene	ug/kg	ND	15.6	15.3	19.0	19.4	122	127	31-150	2	30	
1,2,3-Trichlorobenzene	ug/kg	ND	15.6	15.3	13.6	15.7	87	103	30-149	14	30	
1,2,3-Trichloropropane	ug/kg	ND	15.6	15.3	16.9	17.9	108	118	52-150	6	30	
1,2,4-Trichlorobenzene	ug/kg	ND	15.6	15.3	12.7	14.5	81	95	30-144	13	30	
1,2,4-Trimethylbenzene	ug/kg	ND	15.6	15.3	14.8	16.3	95	107	30-150	9	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	39	38.2	41.2	45.0	106	118	30-150	9	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	15.6	15.3	16.1	16.6	103	109	46-148	3	30	
1,2-Dichlorobenzene	ug/kg	ND	15.6	15.3	14.6	16.3	94	107	30-147	11	30	
1,2-Dichloroethane	ug/kg	ND	15.6	15.3	16.7	17.1	107	112	40-150	2	30	
1,2-Dichloropropane	ug/kg	ND	15.6	15.3	16.0	17.2	103	113	49-150	7	30	
1,3,5-Trimethylbenzene	ug/kg	ND	15.6	15.3	15.0	16.5	96	108	30-150	9	30	
1,3-Dichlorobenzene	ug/kg	ND	15.6	15.3	14.1	15.5	90	101	30-150	9	30	
1,3-Dichloropropane	ug/kg	ND	15.6	15.3	15.9	16.6	102	109	55-146	4	30	
1,4-Dichlorobenzene	ug/kg	ND	15.6	15.3	14.4	15.7	92	103	30-149	8	30	
2,2-Dichloropropane	ug/kg	ND	15.6	15.3	17.5	17.7	112	116	31-150	1	30	
2-Butanone (MEK)	ug/kg	ND	78	76.3	91.0	87.1	117	114	30-150	4	30	
2-Chlorotoluene	ug/kg	ND	15.6	15.3	15.5	16.7	99	109	34-150	7	30	
4-Chlorotoluene	ug/kg	ND	15.6	15.3	15.3	16.6	98	109	32-147	8	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	78	76.3	97.7	103	125	135	30-150	5	30	
Acetone	ug/kg	ND	78	76.3	152	152	194	199	30-150	0	30	M1

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2855807											
2855808											
Parameter	Units	10422433013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Allyl chloride	ug/kg	ND	15.6	15.3	16.6	17.4	107	114	30-150	5	30
Benzene	ug/kg	ND	15.6	15.3	17.4	17.6	111	115	39-150	1	30
Bromobenzene	ug/kg	ND	15.6	15.3	14.9	16.2	96	106	35-145	8	30
Bromochloromethane	ug/kg	ND	15.6	15.3	16.0	16.7	103	109	41-150	4	30
Bromodichloromethane	ug/kg	ND	15.6	15.3	14.5	15.9	93	104	41-150	9	30
Bromoform	ug/kg	ND	15.6	15.3	14.9J	16.1	96	105	34-150		30
Bromomethane	ug/kg	ND	15.6	15.3	23.4	22.0	150	144	45-150	6	30
Carbon tetrachloride	ug/kg	ND	15.6	15.3	17.5	18.2	112	119	30-150	4	30
Chlorobenzene	ug/kg	ND	15.6	15.3	15.5	16.6	99	109	56-143	7	30
Chloroethane	ug/kg	ND	15.6	15.3	14.7	21.4	94	140	42-150	37	30 R1
Chloroform	ug/kg	ND	15.6	15.3	16.3	16.6	101	106	37-150	2	30
Chloromethane	ug/kg	ND	15.6	15.3	33.0	22.6	211	148	31-150	37	30 M1,R1
cis-1,2-Dichloroethene	ug/kg	ND	15.6	15.3	17.0	18.0	98	106	44-150	5	30
cis-1,3-Dichloropropene	ug/kg	ND	15.6	15.3	15.1	16.3	97	107	49-133	8	30
Dibromochloromethane	ug/kg	ND	15.6	15.3	15.7	16.8	101	110	46-150	7	30
Dibromomethane	ug/kg	ND	15.6	15.3	15.4	16.9	99	111	59-138	9	30
Dichlorodifluoromethane	ug/kg	ND	15.6	15.3	26.7	18.5	171	121	30-150	37	30 M1,R1
Dichlorofluoromethane	ug/kg	ND	15.6	15.3	34.2	21.2	219	139	54-150	47	30 M1,R1
Diethyl ether (Ethyl ether)	ug/kg	ND	15.6	15.3	18.4	18.3	118	120	37-150	1	30
Ethylbenzene	ug/kg	ND	15.6	15.3	16.0	17.0	103	112	46-148	6	30
Hexachloro-1,3-butadiene	ug/kg	ND	15.6	15.3	14.2	16.4	91	107	30-150	15	30
Isopropylbenzene (Cumene)	ug/kg	ND	15.6	15.3	16.2	17.5	104	115	36-148	8	30
Methyl-tert-butyl ether	ug/kg	ND	15.6	15.3	17.8	17.7	114	116	46-150	1	30
Methylene Chloride	ug/kg	ND	15.6	15.3	16.2	16.2	100	103	32-150	0	30
n-Butylbenzene	ug/kg	ND	15.6	15.3	14.6	16.5	94	108	30-150	12	30
n-Propylbenzene	ug/kg	ND	15.6	15.3	15.5	17.0	100	112	30-150	9	30
Naphthalene	ug/kg	ND	15.6	15.3	15.6	17.3	100	114	30-125	10	30
p-Isopropyltoluene	ug/kg	ND	15.6	15.3	15.4	17.2	99	112	30-150	11	30
sec-Butylbenzene	ug/kg	ND	15.6	15.3	15.4	16.7	99	110	30-150	9	30
Styrene	ug/kg	ND	15.6	15.3	14.6	16.2	93	106	43-136	11	30
tert-Butylbenzene	ug/kg	ND	15.6	15.3	15.7	16.8	100	110	30-150	7	30
Tetrachloroethene	ug/kg	290	15.6	15.3	203	250	-650	-357	33-150	21	30 E,M1
Tetrahydrofuran	ug/kg	ND	156	153	284	306	182	200	65-149	8	30 M1
Toluene	ug/kg	ND	15.6	15.3	15.7	16.6	101	109	41-150	5	30
trans-1,2-Dichloroethene	ug/kg	ND	15.6	15.3	16.6	16.6	106	109	33-150	0	30
trans-1,3-Dichloropropene	ug/kg	ND	15.6	15.3	15.1	15.8	97	103	54-142	5	30
Trichloroethene	ug/kg	ND	15.6	15.3	20.8	22.6	89	103	41-150	8	30
Trichlorofluoromethane	ug/kg	ND	15.6	15.3	13.4	22.3	86	146	33-150	50	30 R1
Vinyl chloride	ug/kg	ND	15.6	15.3	28.3	19.3	181	126	36-150	38	30 M1,R1
Xylene (Total)	ug/kg	ND	46.8	45.8	47.5	51.2	101	112	38-150	7	30
1,2-Dichloroethane-d4 (S)	%						115	113	75-126		
4-Bromofluorobenzene (S)	%						99	100	75-128		
Toluene-d8 (S)	%						97	98	75-125		

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2858639 2858640											
Parameter	Units	10422282015 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
			Spike Conc.	Spike Conc.						RPD	RPD
1,1,1,2-Tetrachloroethane	ug/kg	ND	14.3	15.3	23.4	15.9	164	104	47-150	38	30 M1,R1
1,1,1-Trichloroethane	ug/kg	ND	14.3	15.3	26.4	17.5	185	115	34-150	41	30 M1,R1
1,1,2,2-Tetrachloroethane	ug/kg	ND	14.3	15.3	27.6	20.6	193	134	32-148	29	30 M1
1,1,2-Trichloroethane	ug/kg	ND	14.3	15.3	25.9	17.9	182	117	55-150	37	30 M1,R1
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	14.3	15.3	30.2	20.7	212	135	30-150	37	30 M1,R1
1,1-Dichloroethane	ug/kg	ND	14.3	15.3	27.0	18.3	189	120	30-150	38	30 M1,R1
1,1-Dichloroethene	ug/kg	ND	14.3	15.3	26.2	17.5	184	115	30-150	40	30 M1,R1
1,1-Dichloropropene	ug/kg	ND	14.3	15.3	28.2	19.1	198	125	31-150	38	30 M1,R1
1,2,3-Trichlorobenzene	ug/kg	ND	14.3	15.3	17.4	12.8	122	84	30-149	31	30 R1
1,2,3-Trichloropropane	ug/kg	ND	14.3	15.3	27.1	20.0	190	131	52-150	30	30 M1
1,2,4-Trichlorobenzene	ug/kg	ND	14.3	15.3	16.3	11.9	114	78	30-144	31	30 R1
1,2,4-Trimethylbenzene	ug/kg	ND	14.3	15.3	19.3	13.5	135	89	30-150	35	30 R1
1,2-Dibromo-3-chloropropane	ug/kg	ND	35.7	38.2	68.0	50.3	191	132	30-150	30	30 M1
1,2-Dibromoethane (EDB)	ug/kg	ND	14.3	15.3	25.5	18.6	179	122	46-148	31	30 M1,R1
1,2-Dichlorobenzene	ug/kg	ND	14.3	15.3	19.5	13.9	137	91	30-147	33	30 R1
1,2-Dichloroethane	ug/kg	ND	14.3	15.3	26.4	18.6	185	122	40-150	35	30 M1,R1
1,2-Dichloropropane	ug/kg	ND	14.3	15.3	25.0	17.5	175	115	49-150	35	30 M1,R1
1,3,5-Trimethylbenzene	ug/kg	ND	14.3	15.3	19.3	13.9	135	91	30-150	32	30 R1
1,3-Dichlorobenzene	ug/kg	ND	14.3	15.3	18.3	13.0	129	85	30-150	34	30 R1
1,3-Dichloropropane	ug/kg	ND	14.3	15.3	25.2	17.9	177	117	55-146	34	30 M1,R1
1,4-Dichlorobenzene	ug/kg	ND	14.3	15.3	18.5	13.3	130	87	30-149	32	30 R1
2,2-Dichloropropane	ug/kg	ND	14.3	15.3	26.9	18.0	189	118	31-150	39	30 M1,R1
2-Butanone (MEK)	ug/kg	ND	71.3	76.5	149	108	209	141	30-150	32	30 M1,R1
2-Chlorotoluene	ug/kg	ND	14.3	15.3	20.7	14.5	145	95	34-150	36	30 R1
4-Chlorotoluene	ug/kg	ND	14.3	15.3	20.0	14.2	140	93	32-147	34	30 R1
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	71.3	76.5	166	123	233	161	30-150	30	30 M1
Acetone	ug/kg	ND	71.3	76.5	249	179	349	234	30-150	33	30 M1,R1
Allyl chloride	ug/kg	ND	14.3	15.3	26.9	18.3	189	119	30-150	38	30 M1,R1
Benzene	ug/kg	ND	14.3	15.3	26.0	17.6	182	115	39-150	38	30 M1,R1
Bromobenzene	ug/kg	ND	14.3	15.3	20.9	14.9	146	97	35-145	33	30 M1,R1
Bromochloromethane	ug/kg	ND	14.3	15.3	25.7	17.5	180	114	41-150	38	30 M1,R1
Bromodichloromethane	ug/kg	ND	14.3	15.3	24.1	16.8	169	110	41-150	35	30 M1,R1
Bromoform	ug/kg	ND	14.3	15.3	24.5	17.5	172	115	34-150	33	30 M1,R1
Bromomethane	ug/kg	ND	14.3	15.3	21.3	19.5	149	128	45-150	9	30
Carbon tetrachloride	ug/kg	ND	14.3	15.3	27.0	17.9	190	117	30-150	40	30 M1,R1
Chlorobenzene	ug/kg	ND	14.3	15.3	22.5	15.5	158	102	56-143	37	30 M1,R1
Chloroethane	ug/kg	ND	14.3	15.3	18.4	19.0	129	124	42-150	3	30
Chloroform	ug/kg	ND	14.3	15.3	24.8	17.2	171	109	37-150	36	30 M1,R1
Chloromethane	ug/kg	ND	14.3	15.3	20.0	20.6	140	135	31-150	3	30
cis-1,2-Dichloroethene	ug/kg	ND	14.3	15.3	26.1	18.3	178	115	44-150	35	30 M1,R1
cis-1,3-Dichloropropene	ug/kg	ND	14.3	15.3	24.9	17.2	174	112	49-133	37	30 M1,R1
Dibromochloromethane	ug/kg	ND	14.3	15.3	26.1	18.7	183	122	46-150	33	30 M1,R1
Dibromomethane	ug/kg	ND	14.3	15.3	25.5	18.2	179	119	59-138	33	30 M1,R1
Dichlorodifluoromethane	ug/kg	ND	14.3	15.3	15.6	16.4	109	108	30-150	5	30

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2858639 2858640											
Parameter	Units	10422282015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Dichlorofluoromethane	ug/kg	ND	14.3	15.3	17.6	18.5	123	121	54-150	5	30
Diethyl ether (Ethyl ether)	ug/kg	ND	14.3	15.3	28.6	20.2	201	132	37-150	34	30 M1,R1
Ethylbenzene	ug/kg	ND	14.3	15.3	22.9	15.5	161	101	46-148	39	30 M1,R1
Hexachloro-1,3-butadiene	ug/kg	ND	14.3	15.3	15.2	10.7	106	70	30-150	34	30 R1
Isopropylbenzene (Cumene)	ug/kg	ND	14.3	15.3	22.8	15.3	160	100	36-148	39	30 M1,R1
Methyl-tert-butyl ether	ug/kg	ND	14.3	15.3	27.7	19.8	194	129	46-150	33	30 M1,R1
Methylene Chloride	ug/kg	ND	14.3	15.3	24.2	17.1	170	112	32-150	34	30 M1,R1
n-Butylbenzene	ug/kg	ND	14.3	15.3	17.8	12.4	125	81	30-150	36	30 R1
n-Propylbenzene	ug/kg	ND	14.3	15.3	20.4	14.4	143	94	30-150	35	30 R1
Naphthalene	ug/kg	ND	14.3	15.3	21.9	16.8	154	110	30-125	27	30 M1
p-Isopropyltoluene	ug/kg	ND	14.3	15.3	19.2	13.3	134	87	30-150	36	30 R1
sec-Butylbenzene	ug/kg	ND	14.3	15.3	19.7	13.6	138	89	30-150	36	30 R1
Styrene	ug/kg	ND	14.3	15.3	21.4	14.5	150	95	43-136	38	30 M1,R1
tert-Butylbenzene	ug/kg	ND	14.3	15.3	20.8	14.4	146	94	30-150	36	30 R1
Tetrachloroethene	ug/kg	677	14.3	15.3	323	388	-282	166	33-150	18	30 E,M1
Tetrahydrofuran	ug/kg	ND	143	153	498	365	349	239	65-149	31	30 M1,R1
Toluene	ug/kg	ND	14.3	15.3	23.8	16.0	167	104	41-150	39	30 M1,R1
trans-1,2-Dichloroethene	ug/kg	ND	14.3	15.3	25.1	17.2	176	112	33-150	37	30 M1,R1
trans-1,3-Dichloropropene	ug/kg	ND	14.3	15.3	23.4	16.6	164	109	54-142	34	30 M1,R1
Trichloroethene	ug/kg	2.8	14.3	15.3	27.2	20.2	171	113	41-150	30	30 M1
Trichlorofluoromethane	ug/kg	ND	14.3	15.3	18.9	19.7	133	129	33-150	4	30
Vinyl chloride	ug/kg	ND	14.3	15.3	15.9	17.1	112	112	36-150	7	30
Xylene (Total)	ug/kg	ND	42.8	45.9	67.6	45.3	158	99	38-150	39	30 MS,RS
1,2-Dichloroethane-d4 (S)	%.						115	114	75-126		
4-Bromofluorobenzene (S)	%.						99	101	75-128		
Toluene-d8 (S)	%.						98	97	75-125		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean
Pace Project No.: 10422282

QC Batch: 526256 Analysis Method: EPA 8260B
QC Batch Method: EPA 5035/5030B Analysis Description: 8260B MSV 5030 Med Level
Associated Lab Samples: 10422282002, 10422282012, 10422282013, 10422282014, 10422282015

METHOD BLANK: 2855762 Matrix: Solid
Associated Lab Samples: 10422282002, 10422282012, 10422282013, 10422282014, 10422282015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	ND	50.0	03/08/18 14:13	
1,2-Dichloroethane-d4 (S)	%.	95	75-125	03/08/18 14:13	
4-Bromofluorobenzene (S)	%.	102	75-125	03/08/18 14:13	
Toluene-d8 (S)	%.	97	75-125	03/08/18 14:13	

LABORATORY CONTROL SAMPLE & LCSD: 2855763

LABORATORY CONTROL SAMPLE & LCSD: 2855763			2855767							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/kg	1000	1020	1060	102	106	67-125	4	20	
1,2-Dichloroethane-d4 (S)	%.				93	94	75-125			
4-Bromofluorobenzene (S)	%.				99	100	75-125			
Toluene-d8 (S)	%.				100	103	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2856161

Parameter	Units	2856162									
		10422282015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD
Tetrachloroethene	ug/kg	677	940	1010	1530	1450	91	76	70-150	6	30
1,2-Dichloroethane-d4 (S)	%.						93	93	75-125		
4-Bromofluorobenzene (S)	%.						99	101	75-125		
Toluene-d8 (S)	%.						100	100	75-125		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2856765

Parameter	Units	2856766									
		10422433013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD
Tetrachloroethene	ug/kg	290	962	1000	1210	1380	96	108	70-150	13	30
1,2-Dichloroethane-d4 (S)	%.						94	95	75-125		
4-Bromofluorobenzene (S)	%.						102	100	75-125		
Toluene-d8 (S)	%.						98	98	75-125		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WAKS2510C Former Cherry Clean
Pace Project No.: 10422282

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 526819

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422282

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10422282001	SB49 : 5250260	EPA 5035 Low	526029	EPA 8260B	526819
10422282002	SB49 : 55114130	EPA 5035 Low	526029	EPA 8260B	526819
10422282003	SB43 : 5250258	EPA 5035 Low	526029	EPA 8260B	526819
10422282004	SB43 : 5100116	EPA 5035 Low	526029	EPA 8260B	526819
10422282005	SB50 : 5050056	EPA 5035 Low	526029	EPA 8260B	526819
10422282006	SB50 : 5126141	EPA 5035 Low	526029	EPA 8260B	526819
10422282007	SB46 : 5075097	EPA 5035 Low	526029	EPA 8260B	526819
10422282008	SB46 : 5004011	EPA 5035 Low	526029	EPA 8260B	526819
10422282009	SB42 : S 054061	EPA 5035 Low	526029	EPA 8260B	526819
10422282010	SB42 : S 015024	EPA 5035 Low	526029	EPA 8260B	526819
10422282011	SB38 : S 100121	EPA 5035 Low	526029	EPA 8260B	526819
10422282012	SB38 : S 025029	EPA 5035 Low	526029	EPA 8260B	526819
10422282013	SB39 : S 100118	EPA 5035 Low	526029	EPA 8260B	526819
10422282014	SB39 : S 070088	EPA 5035 Low	526029	EPA 8260B	526819
10422282015	SB40 : S 118141	EPA 5035 Low	526130	EPA 8260B	526845
10422282016	SB40 : S 028040	EPA 5035 Low	526130	EPA 8260B	526845
10422282017	FD1 : S 022718	EPA 5035 Low	526029	EPA 8260B	526819
10422282002	SB49 : 55114130	EPA 5035/5030B	526256	EPA 8260B	526926
10422282012	SB38 : S 025029	EPA 5035/5030B	526256	EPA 8260B	526926
10422282013	SB39 : S 100118	EPA 5035/5030B	526256	EPA 8260B	526926
10422282014	SB39 : S 070088	EPA 5035/5030B	526256	EPA 8260B	526926
10422282015	SB40 : S 118141	EPA 5035/5030B	526256	EPA 8260B	526926

REPORT OF LABORATORY ANALYSIS

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Page 53 of 55

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 2 of 2

Section A

Section B

Section C

Required Client Information:

Required Project Information:

Invoice Information:

Company: ELAM Group		Report To: Jason Oland		Invoice Information:	
Address: 176 West Logan Street, Suite 147		Copy To: <i>tim.kathoff@elamusa.com</i>		Attention: James Hogan, james.hogan@elamusa.com	
Noblesville, IN 46060				Company Name: ELAM Group	
Email: jason.oland@elamusa.com		Purchase Order #:		Address: 176 West Logan Street, Suite 147	
Phone: ~~888-510-3366~~ 106		Project Name: Former Cherry Cleaners		Pace Quote:	
Fax: n/a		Project #: WAKS2510C		Pace Project Manager: tia.diggins@pacelabs.com, 612-709-5046	
Requested Due Date:				Pace Project #: 37235 #1	

Regulatory Agency
State / Location
WA

[illegible]

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
MS/MSO provided w/ SB 40:5118141	Lin Colner / ELAM	2-28	1000	Michael / ME	2-28	1000	*	Y	N	Y
	Michael / ME	2-28	1000	pace	3/1/18	10:15	~~24~~	Y	Y	Y
							24			

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
PRINT Name of SAMPLER: <i>Tim Cornett</i>	SIGNATURE of SAMPLER: <i>Tim Cornett</i>				

	Document Name:	Document Revised: 14Dec2017
	Sample Condition Upon Receipt Form	Page 1 of 2
	Document No.: F-MN-L-213-rev.22	Issuing Authority: Pace Minnesota Quality Office

Sample Condition
Upon Receipt

Client Name:

ELAM Group

Project #:

WO# : 10422282

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☐ Pace ☐ SpeedDee ☐ Other:

PM: TAD

Due Date: 03/15/18

CLIENT: ELAM Group

Tracking Number: 42493595 9243

Custody Seal on Cooler/Box Present?

☒ Yes ☐ No

Seals Intact?

☐ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material:

☒ Bubble Wrap

☐ Bubble Bags

☐ None

☐ Other:

Temp Blank?

☒ Yes

☐ No

Thermometer

☒ 151401163

Used:

☐ G87A9155100842

Type of Ice:

☒ Wet

☐ Blue

☐ None

☐ Dry

☐ Melted

Cooler Temp Read (°C):

2.4

Cooler Temp Corrected (°C):

2.4

Biological Tissue Frozen?

☐ Yes

☐ No

☒ N/A

Temp should be above freezing to 8°C

Correction Factor:

True

Date and Initials of Person Examining Contents:

3/1/18

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)?

☐ Yes

☒ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)?

☐ Yes

☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present?	☒ Yes ☐ No	1.
Chain of Custody Filled Out?	☒ Yes ☐ No	2.
Chain of Custody Relinquished?	☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC?	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes ☒ No	6.
Rush Turn Around Time Requested?	☐ Yes ☒ No	7.
Sufficient Volume?	☒ Yes ☐ No	8.
Correct Containers Used?	☒ Yes ☐ No	9.
-Pace Containers Used?	☒ Yes ☐ No	
Containers Intact?	☒ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	☒ Yes ☐ No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>SL</u>		
All containers needing acid/base preservation have been checked?	☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide)	☐ Yes ☐ No ☒ N/A	Sample #
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin.	☐ Yes ☐ No ☒ N/A	Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes ☐ No ☒ N/A	14.
Trip Blank Present?	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased):		

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted:

Date/Time:

Comments/Resolution:

Project Manager Review:

Tia Diggins

Date:

03/02/18

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).



Appendix J.2

1Q 2018 Soil Laboratory Report Part 2 of 2

March 16, 2018

Mary Bates
ELAM Group
176 West Logan Street
Suite 147
Noblesville, IN 46060

RE: Project: WAKS2510C Former Cherry Cleane
Pace Project No.: 10422433

Dear Mary Bates:

Enclosed are the analytical results for sample(s) received by the laboratory on March 02, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Timothy Sandager
timothy.sandager@pacelabs.com
(612)607-6456
Project Manager

Enclosures

cc: Lori Hogan, The ELAM Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10422433001	SB51:S100118	Solid	02/28/18 08:34	03/02/18 10:00
10422433002	SB51:S050054	Solid	02/28/18 08:37	03/02/18 10:00
10422433003	SB47:S005013	Solid	02/28/18 09:05	03/02/18 10:00
10422433004	SB47:S056066	Solid	02/28/18 09:10	03/02/18 10:00
10422433005	SB52:S100108	Solid	02/28/18 09:57	03/02/18 10:00
10422433006	SB52:S050061	Solid	02/28/18 10:00	03/02/18 10:00
10422433007	SB48:S000004	Solid	02/28/18 10:30	03/02/18 10:00
10422433008	SB48:S021035	Solid	02/28/18 10:35	03/02/18 10:00
10422433009	SB44:S120133	Solid	02/28/18 10:55	03/02/18 10:00
10422433010	SB44:S058073	Solid	02/28/18 11:00	03/02/18 10:00
10422433011	SB41:S02033	Solid	02/28/18 11:46	03/02/18 10:00
10422433012	SB41:S000007	Solid	02/28/18 11:43	03/02/18 10:00
10422433013	SB45:S116126	Solid	02/28/18 13:15	03/02/18 10:00
10422433014	SB45:S100107	Solid	02/28/18 13:20	03/02/18 10:00
10422433015	SB53:S100104	Solid	02/28/18 13:50	03/02/18 10:00
10422433016	SB53:S016029	Solid	02/28/18 13:53	03/02/18 10:00
10422433017	FD2:S022818	Solid	02/28/18 00:00	03/02/18 10:00
10422433018	Trip Blank	Solid	02/28/18 00:00	03/02/18 10:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10422433001	SB51:S100118	EPA 8260B	CD2	70	PASI-M
10422433002	SB51:S050054	EPA 8260B	CD2	70	PASI-M
10422433003	SB47:S005013	EPA 8260B	CD2	70	PASI-M
10422433004	SB47:S056066	EPA 8260B	CD2	70	PASI-M
10422433005	SB52:S100108	EPA 8260B	CD2	70	PASI-M
10422433006	SB52:S050061	EPA 8260B	CD2	70	PASI-M
10422433007	SB48:S000004	EPA 8260B	CD2	70	PASI-M
10422433008	SB48:S021035	EPA 8260B	CD2	68	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422433009	SB44:S120133	EPA 8260B	CD2	68	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422433010	SB44:S058073	EPA 8260B	CD2	68	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422433011	SB41:S02033	EPA 8260B	CD2	68	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422433012	SB41:S000007	EPA 8260B	CD2	68	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422433013	SB45:S116126	EPA 8260B	CD2	69	PASI-M
		EPA 8260B	CD2	4	PASI-M
10422433014	SB45:S100107	EPA 8260B	CD2	70	PASI-M
10422433015	SB53:S100104	EPA 8260B	CD2	70	PASI-M
10422433016	SB53:S016029	EPA 8260B	CD2	70	PASI-M
10422433017	FD2:S022818	EPA 8260B	CD2	70	PASI-M
10422433018	Trip Blank	EPA 8260B	CD2	70	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: **SB51:S100118** Lab ID: **10422433001** Collected: 02/28/18 08:34 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	34.3	1	03/07/18 17:13	03/08/18 01:12	67-64-1	
Allyl chloride	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	107-05-1	
Benzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	71-43-2	
Bromobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	75-27-4	
Bromoform	ND	ug/kg	13.7	1	03/07/18 17:13	03/08/18 01:12	75-25-2	
Bromomethane	ND	ug/kg	13.7	1	03/07/18 17:13	03/08/18 01:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	13.7	1	03/07/18 17:13	03/08/18 01:12	78-93-3	
n-Butylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	108-90-7	
Chloroethane	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	75-00-3	
Chloroform	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	67-66-3	
Chloromethane	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	96-12-8	
Dibromochloromethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	106-93-4	
Dibromomethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	60-29-7	
Ethylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	99-87-6	
Methylene Chloride	ND	ug/kg	13.7	1	03/07/18 17:13	03/08/18 01:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.7	1	03/07/18 17:13	03/08/18 01:12	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: **SB51:S100118** Lab ID: **10422433001** Collected: 02/28/18 08:34 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	1634-04-4	
Naphthalene	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	91-20-3	
n-Propylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	103-65-1	
Styrene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	79-34-5	
Tetrachloroethene	92.9	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	127-18-4	
Tetrahydrofuran	ND	ug/kg	27.4	1	03/07/18 17:13	03/08/18 01:12	109-99-9	
Toluene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	79-00-5	
Trichloroethene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.9	1	03/07/18 17:13	03/08/18 01:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	108-67-8	
Vinyl chloride	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 01:12	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 01:12	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	115	%.	75-126	1	03/07/18 17:13	03/08/18 01:12	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/07/18 17:13	03/08/18 01:12	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-128	1	03/07/18 17:13	03/08/18 01:12	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB51:S050054 Lab ID: 10422433002 Collected: 02/28/18 08:37 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	38.6	1	03/07/18 17:13	03/08/18 01:31	67-64-1	
Allyl chloride	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	107-05-1	
Benzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	71-43-2	
Bromobenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	75-27-4	
Bromoform	ND	ug/kg	15.5	1	03/07/18 17:13	03/08/18 01:31	75-25-2	
Bromomethane	ND	ug/kg	15.5	1	03/07/18 17:13	03/08/18 01:31	74-83-9	
2-Butanone (MEK)	ND	ug/kg	15.5	1	03/07/18 17:13	03/08/18 01:31	78-93-3	
n-Butylbenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	108-90-7	
Chloroethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	75-00-3	
Chloroform	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	67-66-3	
Chloromethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	96-12-8	
Dibromochloromethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	106-93-4	
Dibromomethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	60-29-7	
Ethylbenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	99-87-6	
Methylene Chloride	ND	ug/kg	15.5	1	03/07/18 17:13	03/08/18 01:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.5	1	03/07/18 17:13	03/08/18 01:31	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: SB51:S050054 **Lab ID: 10422433002** Collected: 02/28/18 08:37 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	1634-04-4	
Naphthalene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	91-20-3	
n-Propylbenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	103-65-1	
Styrene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	79-34-5	
Tetrachloroethene	30.0	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	127-18-4	
Tetrahydrofuran	ND	ug/kg	30.9	1	03/07/18 17:13	03/08/18 01:31	109-99-9	
Toluene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	79-00-5	
Trichloroethene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 01:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	108-67-8	
Vinyl chloride	ND	ug/kg	3.1	1	03/07/18 17:13	03/08/18 01:31	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1	03/07/18 17:13	03/08/18 01:31	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	115	%.	75-126	1	03/07/18 17:13	03/08/18 01:31	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/07/18 17:13	03/08/18 01:31	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-128	1	03/07/18 17:13	03/08/18 01:31	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB47:S005013 **Lab ID: 10422433003** Collected: 02/28/18 09:05 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	266	ug/kg	40.0	1	03/07/18 17:13	03/08/18 01:50	67-64-1	
Allyl chloride	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	107-05-1	
Benzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	71-43-2	
Bromobenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	75-27-4	
Bromoform	ND	ug/kg	16.0	1	03/07/18 17:13	03/08/18 01:50	75-25-2	
Bromomethane	ND	ug/kg	16.0	1	03/07/18 17:13	03/08/18 01:50	74-83-9	
2-Butanone (MEK)	ND	ug/kg	16.0	1	03/07/18 17:13	03/08/18 01:50	78-93-3	
n-Butylbenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	108-90-7	
Chloroethane	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	75-00-3	
Chloroform	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	67-66-3	
Chloromethane	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	96-12-8	
Dibromochloromethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	106-93-4	
Dibromomethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	60-29-7	
Ethylbenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	99-87-6	
Methylene Chloride	ND	ug/kg	16.0	1	03/07/18 17:13	03/08/18 01:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.0	1	03/07/18 17:13	03/08/18 01:50	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: SB47:S005013 **Lab ID: 10422433003** Collected: 02/28/18 09:05 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	91-20-3	
n-Propylbenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	103-65-1	
Styrene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	79-34-5	
Tetrachloroethene	77.4	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	127-18-4	
Tetrahydrofuran	ND	ug/kg	32.0	1	03/07/18 17:13	03/08/18 01:50	109-99-9	
Toluene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	79-00-5	
Trichloroethene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.0	1	03/07/18 17:13	03/08/18 01:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	108-67-8	
Vinyl chloride	ND	ug/kg	3.2	1	03/07/18 17:13	03/08/18 01:50	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1	03/07/18 17:13	03/08/18 01:50	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	116	%.	75-126	1	03/07/18 17:13	03/08/18 01:50	17060-07-0	
Toluene-d8 (S)	100	%.	75-125	1	03/07/18 17:13	03/08/18 01:50	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	75-128	1	03/07/18 17:13	03/08/18 01:50	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB47:S056066 Lab ID: 10422433004 Collected: 02/28/18 09:10 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	35.7	1	03/07/18 17:13	03/08/18 02:09	67-64-1	
Allyl chloride	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	107-05-1	
Benzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	71-43-2	
Bromobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	75-27-4	
Bromoform	ND	ug/kg	14.3	1	03/07/18 17:13	03/08/18 02:09	75-25-2	
Bromomethane	ND	ug/kg	14.3	1	03/07/18 17:13	03/08/18 02:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.3	1	03/07/18 17:13	03/08/18 02:09	78-93-3	
n-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	108-90-7	
Chloroethane	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	75-00-3	
Chloroform	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	67-66-3	
Chloromethane	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	96-12-8	
Dibromochloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	106-93-4	
Dibromomethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	60-29-7	
Ethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	99-87-6	
Methylene Chloride	ND	ug/kg	14.3	1	03/07/18 17:13	03/08/18 02:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.3	1	03/07/18 17:13	03/08/18 02:09	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: SB47:S056066 Lab ID: 10422433004 Collected: 02/28/18 09:10 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	1634-04-4	
Naphthalene	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	91-20-3	
n-Propylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	103-65-1	
Styrene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	79-34-5	
Tetrachloroethene	58.8	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	127-18-4	
Tetrahydrofuran	ND	ug/kg	28.5	1	03/07/18 17:13	03/08/18 02:09	109-99-9	
Toluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	79-00-5	
Trichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.1	1	03/07/18 17:13	03/08/18 02:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	108-67-8	
Vinyl chloride	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 02:09	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	1	03/07/18 17:13	03/08/18 02:09	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%.	75-126	1	03/07/18 17:13	03/08/18 02:09	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/07/18 17:13	03/08/18 02:09	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-128	1	03/07/18 17:13	03/08/18 02:09	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB52:S100108 **Lab ID: 10422433005** Collected: 02/28/18 09:57 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	33.9	1	03/07/18 17:13	03/08/18 02:28	67-64-1	
Allyl chloride	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	107-05-1	
Benzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	71-43-2	
Bromobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	75-27-4	
Bromoform	ND	ug/kg	13.6	1	03/07/18 17:13	03/08/18 02:28	75-25-2	
Bromomethane	ND	ug/kg	13.6	1	03/07/18 17:13	03/08/18 02:28	74-83-9	
2-Butanone (MEK)	ND	ug/kg	13.6	1	03/07/18 17:13	03/08/18 02:28	78-93-3	
n-Butylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	108-90-7	
Chloroethane	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	75-00-3	
Chloroform	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	67-66-3	
Chloromethane	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	96-12-8	
Dibromochloromethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	106-93-4	
Dibromomethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	60-29-7	
Ethylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	99-87-6	
Methylene Chloride	ND	ug/kg	13.6	1	03/07/18 17:13	03/08/18 02:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.6	1	03/07/18 17:13	03/08/18 02:28	108-10-1	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: **SB52:S100108** Lab ID: **10422433005** Collected: 02/28/18 09:57 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	1634-04-4	
Naphthalene	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	91-20-3	
n-Propylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	103-65-1	
Styrene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	79-34-5	
Tetrachloroethene	41.3	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	127-18-4	
Tetrahydrofuran	ND	ug/kg	27.1	1	03/07/18 17:13	03/08/18 02:28	109-99-9	
Toluene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	79-00-5	
Trichloroethene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.8	1	03/07/18 17:13	03/08/18 02:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	108-67-8	
Vinyl chloride	ND	ug/kg	2.7	1	03/07/18 17:13	03/08/18 02:28	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	1	03/07/18 17:13	03/08/18 02:28	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	121	%.	75-126	1	03/07/18 17:13	03/08/18 02:28	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/07/18 17:13	03/08/18 02:28	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	75-128	1	03/07/18 17:13	03/08/18 02:28	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB52:S050061 Lab ID: 10422433006 Collected: 02/28/18 10:00 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	40.9	1	03/07/18 17:13	03/08/18 02:47	67-64-1	
Allyl chloride	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	107-05-1	
Benzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	71-43-2	
Bromobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	75-27-4	
Bromoform	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 02:47	75-25-2	
Bromomethane	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 02:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 02:47	78-93-3	
n-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	108-90-7	
Chloroethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	75-00-3	
Chloroform	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	67-66-3	
Chloromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	96-12-8	
Dibromochloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	106-93-4	
Dibromomethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	60-29-7	
Ethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	99-87-6	
Methylene Chloride	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 02:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 02:47	108-10-1	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: **SB52:S050061** Lab ID: **10422433006** Collected: 02/28/18 10:00 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	1634-04-4	
Naphthalene	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	91-20-3	
n-Propylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	103-65-1	
Styrene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	79-34-5	
Tetrachloroethene	24.9	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	127-18-4	
Tetrahydrofuran	ND	ug/kg	32.7	1	03/07/18 17:13	03/08/18 02:47	109-99-9	
Toluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	79-00-5	
Trichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 02:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	108-67-8	
Vinyl chloride	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 02:47	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 02:47	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	116	%.	75-126	1	03/07/18 17:13	03/08/18 02:47	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/07/18 17:13	03/08/18 02:47	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-128	1	03/07/18 17:13	03/08/18 02:47	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB48:S000004 Lab ID: 10422433007 Collected: 02/28/18 10:30 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	320	ug/kg	48.8	1	03/07/18 17:13	03/08/18 03:05	67-64-1	
Allyl chloride	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	107-05-1	
Benzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	71-43-2	
Bromobenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	75-27-4	
Bromoform	ND	ug/kg	19.5	1	03/07/18 17:13	03/08/18 03:05	75-25-2	
Bromomethane	ND	ug/kg	19.5	1	03/07/18 17:13	03/08/18 03:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	19.5	1	03/07/18 17:13	03/08/18 03:05	78-93-3	
n-Butylbenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	108-90-7	
Chloroethane	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	75-00-3	
Chloroform	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	67-66-3	
Chloromethane	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	106-93-4	
Dibromomethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	60-29-7	
Ethylbenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	99-87-6	
Methylene Chloride	ND	ug/kg	19.5	1	03/07/18 17:13	03/08/18 03:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.5	1	03/07/18 17:13	03/08/18 03:05	108-10-1	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: **SB48:S000004** Lab ID: **10422433007** Collected: 02/28/18 10:30 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	1634-04-4	
Naphthalene	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	103-65-1	
Styrene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	79-34-5	
Tetrachloroethene	18.8	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	127-18-4	
Tetrahydrofuran	ND	ug/kg	39.1	1	03/07/18 17:13	03/08/18 03:05	109-99-9	
Toluene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	79-00-5	
Trichloroethene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.8	1	03/07/18 17:13	03/08/18 03:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	108-67-8	
Vinyl chloride	ND	ug/kg	3.9	1	03/07/18 17:13	03/08/18 03:05	75-01-4	
Xylene (Total)	ND	ug/kg	11.7	1	03/07/18 17:13	03/08/18 03:05	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	118	%.	75-126	1	03/07/18 17:13	03/08/18 03:05	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1	03/07/18 17:13	03/08/18 03:05	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	75-128	1	03/07/18 17:13	03/08/18 03:05	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB48:S021035 Lab ID: 10422433008 Collected: 02/28/18 10:35 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	570	ug/kg	42.7	1	03/07/18 17:13	03/08/18 03:24	67-64-1	
Allyl chloride	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	107-05-1	
Benzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	75-27-4	
Bromoform	ND	ug/kg	17.1	1	03/07/18 17:13	03/08/18 03:24	75-25-2	
Bromomethane	ND	ug/kg	17.1	1	03/07/18 17:13	03/08/18 03:24	74-83-9	
2-Butanone (MEK)	ND	ug/kg	17.1	1	03/07/18 17:13	03/08/18 03:24	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	108-90-7	
Chloroethane	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	75-00-3	
Chloroform	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	67-66-3	
Chloromethane	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	60-29-7	
Ethylbenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	99-87-6	
Methylene Chloride	ND	ug/kg	17.1	1	03/07/18 17:13	03/08/18 03:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.1	1	03/07/18 17:13	03/08/18 03:24	108-10-1	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: SB48:S021035 **Lab ID: 10422433008** Collected: 02/28/18 10:35 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	1634-04-4	
Naphthalene	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	103-65-1	
Styrene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	79-34-5	
Tetrahydrofuran	ND	ug/kg	34.1	1	03/07/18 17:13	03/08/18 03:24	109-99-9	
Toluene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	79-00-5	
Trichlorofluoromethane	ND	ug/kg	8.5	1	03/07/18 17:13	03/08/18 03:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	108-67-8	
Vinyl chloride	ND	ug/kg	3.4	1	03/07/18 17:13	03/08/18 03:24	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	1	03/07/18 17:13	03/08/18 03:24	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%.	75-126	1	03/07/18 17:13	03/08/18 03:24	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/07/18 17:13	03/08/18 03:24	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-128	1	03/07/18 17:13	03/08/18 03:24	460-00-4	
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Tetrachloroethene	1340	ug/kg	53.1	1	03/08/18 15:21	03/08/18 17:14	127-18-4	C0
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%.	75-125	1	03/08/18 15:21	03/08/18 17:14	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/08/18 15:21	03/08/18 17:14	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125	1	03/08/18 15:21	03/08/18 17:14	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: **SB44:S120133** Lab ID: **10422433009** Collected: 02/28/18 10:55 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	36.2	1	03/07/18 17:13	03/08/18 03:43	67-64-1	
Allyl chloride	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	107-05-1	
Benzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	71-43-2	
Bromobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	75-27-4	
Bromoform	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 03:43	75-25-2	
Bromomethane	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 03:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 03:43	78-93-3	
n-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	108-90-7	
Chloroethane	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	75-00-3	
Chloroform	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	67-66-3	
Chloromethane	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	96-12-8	
Dibromochloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	106-93-4	
Dibromomethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	60-29-7	
Ethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	99-87-6	
Methylene Chloride	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 03:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 03:43	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: SB44:S120133 **Lab ID: 10422433009** Collected: 02/28/18 10:55 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	1634-04-4	
Naphthalene	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	91-20-3	
n-Propylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	103-65-1	
Styrene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	79-34-5	
Tetrahydrofuran	ND	ug/kg	28.9	1	03/07/18 17:13	03/08/18 03:43	109-99-9	
Toluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	79-00-5	
Trichlorofluoromethane	ND	ug/kg	7.2	1	03/07/18 17:13	03/08/18 03:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	108-67-8	
Vinyl chloride	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 03:43	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1	03/07/18 17:13	03/08/18 03:43	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	119	%.	75-126	1	03/07/18 17:13	03/08/18 03:43	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1	03/07/18 17:13	03/08/18 03:43	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-128	1	03/07/18 17:13	03/08/18 03:43	460-00-4	
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Tetrachloroethene	364	ug/kg	53.8	1	03/08/18 15:21	03/08/18 16:01	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%.	75-125	1	03/08/18 15:21	03/08/18 16:01	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/08/18 15:21	03/08/18 16:01	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1	03/08/18 15:21	03/08/18 16:01	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: **SB44:S058073** Lab ID: **10422433010** Collected: 02/28/18 11:00 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	36.3	1	03/07/18 17:13	03/08/18 04:02	67-64-1	
Allyl chloride	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	107-05-1	
Benzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	71-43-2	
Bromobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	75-27-4	
Bromoform	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 04:02	75-25-2	
Bromomethane	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 04:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 04:02	78-93-3	
n-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	108-90-7	
Chloroethane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	75-00-3	
Chloroform	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	67-66-3	
Chloromethane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	96-12-8	
Dibromochloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	106-93-4	
Dibromomethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	60-29-7	
Ethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	99-87-6	
Methylene Chloride	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 04:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.5	1	03/07/18 17:13	03/08/18 04:02	108-10-1	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: **SB44:S058073** Lab ID: **10422433010** Collected: 02/28/18 11:00 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	1634-04-4	
Naphthalene	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	91-20-3	
n-Propylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	103-65-1	
Styrene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	79-34-5	
Tetrahydrofuran	ND	ug/kg	29.1	1	03/07/18 17:13	03/08/18 04:02	109-99-9	
Toluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	79-00-5	
Trichlorofluoromethane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 04:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	108-67-8	
Vinyl chloride	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 04:02	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1	03/07/18 17:13	03/08/18 04:02	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%.	75-126	1	03/07/18 17:13	03/08/18 04:02	17060-07-0	
Toluene-d8 (S)	101	%.	75-125	1	03/07/18 17:13	03/08/18 04:02	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	75-128	1	03/07/18 17:13	03/08/18 04:02	460-00-4	

8260B MSV 5030 Med Level

Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B

Tetrachloroethene	427	ug/kg	47.2	1	03/08/18 15:21	03/08/18 16:19	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%.	75-125	1	03/08/18 15:21	03/08/18 16:19	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/08/18 15:21	03/08/18 16:19	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1	03/08/18 15:21	03/08/18 16:19	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB41:S02033 Lab ID: 10422433011 Collected: 02/28/18 11:46 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	59.2	ug/kg	34.8	1	03/07/18 17:13	03/08/18 04:21	67-64-1	
Allyl chloride	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	107-05-1	
Benzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	71-43-2	
Bromobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	75-27-4	
Bromoform	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 04:21	75-25-2	
Bromomethane	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 04:21	74-83-9	
2-Butanone (MEK)	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 04:21	78-93-3	
n-Butylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	108-90-7	
Chloroethane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	75-00-3	
Chloroform	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	67-66-3	
Chloromethane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	96-12-8	
Dibromochloromethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	106-93-4	
Dibromomethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	60-29-7	
Ethylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	99-87-6	
Methylene Chloride	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 04:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.9	1	03/07/18 17:13	03/08/18 04:21	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB41:S02033 **Lab ID: 10422433011** Collected: 02/28/18 11:46 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	1634-04-4	
Naphthalene	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	91-20-3	
n-Propylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	103-65-1	
Styrene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	79-34-5	
Tetrahydrofuran	ND	ug/kg	27.9	1	03/07/18 17:13	03/08/18 04:21	109-99-9	
Toluene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	79-00-5	
Trichlorofluoromethane	ND	ug/kg	7.0	1	03/07/18 17:13	03/08/18 04:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	108-67-8	
Vinyl chloride	ND	ug/kg	2.8	1	03/07/18 17:13	03/08/18 04:21	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1	03/07/18 17:13	03/08/18 04:21	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%.	75-126	1	03/07/18 17:13	03/08/18 04:21	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1	03/07/18 17:13	03/08/18 04:21	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-128	1	03/07/18 17:13	03/08/18 04:21	460-00-4	
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Tetrachloroethene	1120	ug/kg	52.1	1	03/08/18 15:21	03/08/18 16:38	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%.	75-125	1	03/08/18 15:21	03/08/18 16:38	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1	03/08/18 15:21	03/08/18 16:38	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1	03/08/18 15:21	03/08/18 16:38	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: **SB41:S000007** Lab ID: **10422433012** Collected: 02/28/18 11:43 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	704	ug/kg	96.5	1	03/07/18 17:13	03/08/18 05:55	67-64-1	
Allyl chloride	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	107-05-1	
Benzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	71-43-2	
Bromobenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	108-86-1	
Bromochloromethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	74-97-5	
Bromodichloromethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	75-27-4	
Bromoform	ND	ug/kg	38.6	1	03/07/18 17:13	03/08/18 05:55	75-25-2	
Bromomethane	ND	ug/kg	38.6	1	03/07/18 17:13	03/08/18 05:55	74-83-9	
2-Butanone (MEK)	47.8	ug/kg	38.6	1	03/07/18 17:13	03/08/18 05:55	78-93-3	
n-Butylbenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	56-23-5	
Chlorobenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	108-90-7	
Chloroethane	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	75-00-3	
Chloroform	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	67-66-3	
Chloromethane	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	96-12-8	
Dibromochloromethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	106-93-4	
Dibromomethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	75-35-4	
cis-1,2-Dichloroethene	13.4	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	156-60-5	
Dichlorofluoromethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	75-43-4	
1,2-Dichloropropane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	60-29-7	
Ethylbenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	99-87-6	
Methylene Chloride	ND	ug/kg	38.6	1	03/07/18 17:13	03/08/18 05:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	38.6	1	03/07/18 17:13	03/08/18 05:55	108-10-1	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB41:S000007 **Lab ID: 10422433012** Collected: 02/28/18 11:43 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	1634-04-4	
Naphthalene	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	91-20-3	
n-Propylbenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	103-65-1	
Styrene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	79-34-5	
Tetrahydrofuran	ND	ug/kg	77.2	1	03/07/18 17:13	03/08/18 05:55	109-99-9	
Toluene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	79-00-5	
Trichlorofluoromethane	ND	ug/kg	19.3	1	03/07/18 17:13	03/08/18 05:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	108-67-8	
Vinyl chloride	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 05:55	75-01-4	
Xylene (Total)	ND	ug/kg	23.2	1	03/07/18 17:13	03/08/18 05:55	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	121	%.	75-126	1	03/07/18 17:13	03/08/18 05:55	17060-07-0	
Toluene-d8 (S)	104	%.	75-125	1	03/07/18 17:13	03/08/18 05:55	2037-26-5	
4-Bromofluorobenzene (S)	117	%.	75-128	1	03/07/18 17:13	03/08/18 05:55	460-00-4	

8260B MSV 5030 Med Level

Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B

Tetrachloroethene	18100	ug/kg	131	2	03/08/18 15:21	03/09/18 16:18	127-18-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%.	75-125	2	03/08/18 15:21	03/09/18 16:18	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	2	03/08/18 15:21	03/09/18 16:18	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	75-125	2	03/08/18 15:21	03/09/18 16:18	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: SB45:S116126 Lab ID: 10422433013 Collected: 02/28/18 13:15 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	36.5	1	03/07/18 17:13	03/08/18 00:16	67-64-1	M1
Allyl chloride	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	107-05-1	
Benzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	71-43-2	
Bromobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	75-27-4	
Bromoform	ND	ug/kg	14.6	1	03/07/18 17:13	03/08/18 00:16	75-25-2	
Bromomethane	ND	ug/kg	14.6	1	03/07/18 17:13	03/08/18 00:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	14.6	1	03/07/18 17:13	03/08/18 00:16	78-93-3	
n-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	108-90-7	
Chloroethane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	75-00-3	R1
Chloroform	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	67-66-3	
Chloromethane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	74-87-3	M1,R1
2-Chlorotoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	96-12-8	
Dibromochloromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	106-93-4	
Dibromomethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	75-71-8	M1,R1
1,1-Dichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	75-43-4	M1,R1
1,2-Dichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	60-29-7	
Ethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	99-87-6	
Methylene Chloride	ND	ug/kg	14.6	1	03/07/18 17:13	03/08/18 00:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.6	1	03/07/18 17:13	03/08/18 00:16	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: SB45:S116126 **Lab ID: 10422433013** Collected: 02/28/18 13:15 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low								
Methyl-tert-butyl ether	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	1634-04-4	
Naphthalene	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	91-20-3	
n-Propylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	103-65-1	
Styrene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	79-34-5	
Tetrahydrofuran	ND	ug/kg	29.2	1	03/07/18 17:13	03/08/18 00:16	109-99-9	M1
Toluene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	79-00-5	
Trichloroethene	7.0	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	1	03/07/18 17:13	03/08/18 00:16	75-69-4	R1
1,2,3-Trichloropropane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	108-67-8	
Vinyl chloride	ND	ug/kg	2.9	1	03/07/18 17:13	03/08/18 00:16	75-01-4	M1, R1
Xylene (Total)	ND	ug/kg	8.8	1	03/07/18 17:13	03/08/18 00:16	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	115	%.	75-126	1	03/07/18 17:13	03/08/18 00:16	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/07/18 17:13	03/08/18 00:16	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-128	1	03/07/18 17:13	03/08/18 00:16	460-00-4	
8260B MSV 5030 Med Level Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B								
Tetrachloroethene	290	ug/kg	52.9	1	03/08/18 15:21	03/08/18 17:32	127-18-4	C0
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%.	75-125	1	03/08/18 15:21	03/08/18 17:32	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1	03/08/18 15:21	03/08/18 17:32	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1	03/08/18 15:21	03/08/18 17:32	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: **SB45:S100107** Lab ID: **10422433014** Collected: 02/28/18 13:20 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	32.3	1	03/07/18 17:13	03/08/18 04:39	67-64-1	
Allyl chloride	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	107-05-1	
Benzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	71-43-2	
Bromobenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	108-86-1	
Bromochloromethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	74-97-5	
Bromodichloromethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	75-27-4	
Bromoform	ND	ug/kg	12.9	1	03/07/18 17:13	03/08/18 04:39	75-25-2	
Bromomethane	ND	ug/kg	12.9	1	03/07/18 17:13	03/08/18 04:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	12.9	1	03/07/18 17:13	03/08/18 04:39	78-93-3	
n-Butylbenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	56-23-5	
Chlorobenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	108-90-7	
Chloroethane	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	75-00-3	
Chloroform	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	67-66-3	
Chloromethane	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	96-12-8	
Dibromochloromethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	106-93-4	
Dibromomethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	156-60-5	
Dichlorofluoromethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	75-43-4	
1,2-Dichloropropane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	60-29-7	
Ethylbenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	99-87-6	
Methylene Chloride	ND	ug/kg	12.9	1	03/07/18 17:13	03/08/18 04:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.9	1	03/07/18 17:13	03/08/18 04:39	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: **SB45:S100107** Lab ID: **10422433014** Collected: 02/28/18 13:20 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	1634-04-4	
Naphthalene	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	91-20-3	
n-Propylbenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	103-65-1	
Styrene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	79-34-5	
Tetrachloroethene	153	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	127-18-4	
Tetrahydrofuran	ND	ug/kg	25.8	1	03/07/18 17:13	03/08/18 04:39	109-99-9	
Toluene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	79-00-5	
Trichloroethene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.5	1	03/07/18 17:13	03/08/18 04:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	108-67-8	
Vinyl chloride	ND	ug/kg	2.6	1	03/07/18 17:13	03/08/18 04:39	75-01-4	
Xylene (Total)	ND	ug/kg	7.7	1	03/07/18 17:13	03/08/18 04:39	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	117	%.	75-126	1	03/07/18 17:13	03/08/18 04:39	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/07/18 17:13	03/08/18 04:39	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-128	1	03/07/18 17:13	03/08/18 04:39	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: **SB53:S100104** Lab ID: **10422433015** Collected: 02/28/18 13:50 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	ND	ug/kg	41.2	1	03/07/18 17:13	03/08/18 04:58	67-64-1	
Allyl chloride	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	107-05-1	
Benzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	71-43-2	
Bromobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	75-27-4	
Bromoform	ND	ug/kg	16.5	1	03/07/18 17:13	03/08/18 04:58	75-25-2	
Bromomethane	ND	ug/kg	16.5	1	03/07/18 17:13	03/08/18 04:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	16.5	1	03/07/18 17:13	03/08/18 04:58	78-93-3	
n-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	108-90-7	
Chloroethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	75-00-3	
Chloroform	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	67-66-3	
Chloromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	96-12-8	
Dibromochloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	106-93-4	
Dibromomethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	60-29-7	
Ethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	99-87-6	
Methylene Chloride	ND	ug/kg	16.5	1	03/07/18 17:13	03/08/18 04:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.5	1	03/07/18 17:13	03/08/18 04:58	108-10-1	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: SB53:S100104 **Lab ID: 10422433015** Collected: 02/28/18 13:50 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	1634-04-4	
Naphthalene	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	91-20-3	
n-Propylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	103-65-1	
Styrene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	79-34-5	
Tetrachloroethene	114	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	127-18-4	
Tetrahydrofuran	ND	ug/kg	32.9	1	03/07/18 17:13	03/08/18 04:58	109-99-9	
Toluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	79-00-5	
Trichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 04:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	108-67-8	
Vinyl chloride	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 04:58	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	1	03/07/18 17:13	03/08/18 04:58	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	116	%.	75-126	1	03/07/18 17:13	03/08/18 04:58	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/07/18 17:13	03/08/18 04:58	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-128	1	03/07/18 17:13	03/08/18 04:58	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: **SB53:S016029** Lab ID: **10422433016** Collected: 02/28/18 13:53 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	180	ug/kg	41.1	1	03/07/18 17:13	03/08/18 05:17	67-64-1	
Allyl chloride	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	107-05-1	
Benzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	71-43-2	
Bromobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	75-27-4	
Bromoform	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 05:17	75-25-2	
Bromomethane	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 05:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 05:17	78-93-3	
n-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	108-90-7	
Chloroethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	75-00-3	
Chloroform	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	67-66-3	
Chloromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	96-12-8	
Dibromochloromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	106-93-4	
Dibromomethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	60-29-7	
Ethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	99-87-6	
Methylene Chloride	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 05:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.4	1	03/07/18 17:13	03/08/18 05:17	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: SB53:S016029 **Lab ID: 10422433016** Collected: 02/28/18 13:53 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	1634-04-4	
Naphthalene	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	91-20-3	
n-Propylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	103-65-1	
Styrene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	79-34-5	
Tetrachloroethene	36.0	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	127-18-4	
Tetrahydrofuran	ND	ug/kg	32.8	1	03/07/18 17:13	03/08/18 05:17	109-99-9	
Toluene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	79-00-5	
Trichloroethene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.2	1	03/07/18 17:13	03/08/18 05:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	108-67-8	
Vinyl chloride	ND	ug/kg	3.3	1	03/07/18 17:13	03/08/18 05:17	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	1	03/07/18 17:13	03/08/18 05:17	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	117	%.	75-126	1	03/07/18 17:13	03/08/18 05:17	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1	03/07/18 17:13	03/08/18 05:17	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-128	1	03/07/18 17:13	03/08/18 05:17	460-00-4	

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: FD2:S022818 Lab ID: 10422433017 Collected: 02/28/18 00:00 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Acetone	407	ug/kg	46.2	1	03/07/18 17:13	03/07/18 23:38	67-64-1	
Allyl chloride	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	107-05-1	
Benzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	71-43-2	
Bromobenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	75-27-4	
Bromoform	ND	ug/kg	18.5	1	03/07/18 17:13	03/07/18 23:38	75-25-2	
Bromomethane	ND	ug/kg	18.5	1	03/07/18 17:13	03/07/18 23:38	74-83-9	
2-Butanone (MEK)	21.5	ug/kg	18.5	1	03/07/18 17:13	03/07/18 23:38	78-93-3	
n-Butylbenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	108-90-7	
Chloroethane	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	75-00-3	
Chloroform	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	67-66-3	
Chloromethane	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	96-12-8	
Dibromochloromethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	106-93-4	
Dibromomethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	156-60-5	
Dichlorofluoromethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	75-43-4	
1,2-Dichloropropane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	60-29-7	
Ethylbenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	99-87-6	
Methylene Chloride	ND	ug/kg	18.5	1	03/07/18 17:13	03/07/18 23:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.5	1	03/07/18 17:13	03/07/18 23:38	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: FD2:S022818 **Lab ID: 10422433017** Collected: 02/28/18 00:00 Received: 03/02/18 10:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5035 Low Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035 Low						
Methyl-tert-butyl ether	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	1634-04-4	
Naphthalene	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	91-20-3	
n-Propylbenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	103-65-1	
Styrene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	79-34-5	
Tetrachloroethene	37.3	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	127-18-4	
Tetrahydrofuran	ND	ug/kg	37.0	1	03/07/18 17:13	03/07/18 23:38	109-99-9	
Toluene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	79-00-5	
Trichloroethene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.2	1	03/07/18 17:13	03/07/18 23:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	108-67-8	
Vinyl chloride	ND	ug/kg	3.7	1	03/07/18 17:13	03/07/18 23:38	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1	03/07/18 17:13	03/07/18 23:38	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%.	75-126	1	03/07/18 17:13	03/07/18 23:38	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1	03/07/18 17:13	03/07/18 23:38	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	75-128	1	03/07/18 17:13	03/07/18 23:38	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

Sample: Trip Blank **Lab ID:** 10422433018 **Collected:** 02/28/18 00:00 **Received:** 03/02/18 10:00 **Matrix:** Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Acetone	ND	ug/kg	1000	1	03/09/18 15:31	03/09/18 20:50	67-64-1	
Allyl chloride	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	107-05-1	
Benzene	ND	ug/kg	20.0	1	03/09/18 15:31	03/09/18 20:50	71-43-2	
Bromobenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	108-86-1	
Bromochloromethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	74-97-5	
Bromodichloromethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	75-27-4	
Bromoform	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	75-25-2	
Bromomethane	ND	ug/kg	500	1	03/09/18 15:31	03/09/18 20:50	74-83-9	
2-Butanone (MEK)	ND	ug/kg	250	1	03/09/18 15:31	03/09/18 20:50	78-93-3	
n-Butylbenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	135-98-8	
tert-Butylbenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	98-06-6	
Carbon tetrachloride	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	56-23-5	
Chlorobenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	108-90-7	
Chloroethane	ND	ug/kg	500	1	03/09/18 15:31	03/09/18 20:50	75-00-3	
Chloroform	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	67-66-3	
Chloromethane	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	74-87-3	
2-Chlorotoluene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	95-49-8	
4-Chlorotoluene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1250	1	03/09/18 15:31	03/09/18 20:50	96-12-8	
Dibromochloromethane	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	106-93-4	
Dibromomethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	75-71-8	
1,1-Dichloroethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	107-06-2	
1,1-Dichloroethene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	156-60-5	
Dichlorofluoromethane	ND	ug/kg	500	1	03/09/18 15:31	03/09/18 20:50	75-43-4	
1,2-Dichloropropane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	78-87-5	
1,3-Dichloropropane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	142-28-9	
2,2-Dichloropropane	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	594-20-7	
1,1-Dichloropropene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	60-29-7	
Ethylbenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	250	1	03/09/18 15:31	03/09/18 20:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	99-87-6	
Methylene Chloride	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	250	1	03/09/18 15:31	03/09/18 20:50	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Sample: Trip Blank **Lab ID:** 10422433018 **Collected:** 02/28/18 00:00 **Received:** 03/02/18 10:00 **Matrix:** Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV 5030 Med Level		Analytical Method: EPA 8260B Preparation Method: EPA 5035/5030B						
Methyl-tert-butyl ether	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	1634-04-4	
Naphthalene	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	91-20-3	
n-Propylbenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	103-65-1	
Styrene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	79-34-5	N2
Tetrachloroethene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	127-18-4	
Tetrahydrofuran	ND	ug/kg	2000	1	03/09/18 15:31	03/09/18 20:50	109-99-9	
Toluene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	79-00-5	
Trichloroethene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	79-01-6	N2
Trichlorofluoromethane	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	200	1	03/09/18 15:31	03/09/18 20:50	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	108-67-8	
Vinyl chloride	ND	ug/kg	50.0	1	03/09/18 15:31	03/09/18 20:50	75-01-4	
Xylene (Total)	ND	ug/kg	150	1	03/09/18 15:31	03/09/18 20:50	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%.	75-125	1	03/09/18 15:31	03/09/18 20:50	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1	03/09/18 15:31	03/09/18 20:50	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1	03/09/18 15:31	03/09/18 20:50	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane
Pace Project No.: 10422433

QC Batch:	526130	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 5035 Low	Analysis Description:	8260B MSV 5035 Low Level
Associated Lab Samples:	10422433001, 10422433002, 10422433003, 10422433004, 10422433005, 10422433006, 10422433007, 10422433008, 10422433009, 10422433010, 10422433011, 10422433012, 10422433013, 10422433014, 10422433015, 10422433016, 10422433017		

METHOD BLANK:	2855057	Matrix:	Solid
Associated Lab Samples:	10422433001, 10422433002, 10422433003, 10422433004, 10422433005, 10422433006, 10422433007, 10422433008, 10422433009, 10422433010, 10422433011, 10422433012, 10422433013, 10422433014, 10422433015, 10422433016, 10422433017		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1,1-Trichloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1,2-Trichloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1-Dichloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,1-Dichloroethene	ug/kg	ND	4.0	03/07/18 23:19	
1,1-Dichloropropene	ug/kg	ND	4.0	03/07/18 23:19	
1,2,3-Trichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,2,3-Trichloropropane	ug/kg	ND	4.0	03/07/18 23:19	
1,2,4-Trichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,2,4-Trimethylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	03/07/18 23:19	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.0	03/07/18 23:19	
1,2-Dichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,2-Dichloroethane	ug/kg	ND	4.0	03/07/18 23:19	
1,2-Dichloropropane	ug/kg	ND	4.0	03/07/18 23:19	
1,3,5-Trimethylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,3-Dichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
1,3-Dichloropropane	ug/kg	ND	4.0	03/07/18 23:19	
1,4-Dichlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
2,2-Dichloropropane	ug/kg	ND	10.0	03/07/18 23:19	
2-Butanone (MEK)	ug/kg	ND	20.0	03/07/18 23:19	
2-Chlorotoluene	ug/kg	ND	4.0	03/07/18 23:19	
4-Chlorotoluene	ug/kg	ND	4.0	03/07/18 23:19	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	20.0	03/07/18 23:19	
Acetone	ug/kg	ND	50.0	03/07/18 23:19	
Allyl chloride	ug/kg	ND	10.0	03/07/18 23:19	
Benzene	ug/kg	ND	4.0	03/07/18 23:19	
Bromobenzene	ug/kg	ND	4.0	03/07/18 23:19	
Bromochloromethane	ug/kg	ND	4.0	03/07/18 23:19	
Bromodichloromethane	ug/kg	ND	4.0	03/07/18 23:19	
Bromoform	ug/kg	ND	20.0	03/07/18 23:19	
Bromomethane	ug/kg	ND	20.0	03/07/18 23:19	
Carbon tetrachloride	ug/kg	ND	4.0	03/07/18 23:19	
Chlorobenzene	ug/kg	ND	4.0	03/07/18 23:19	
Chloroethane	ug/kg	ND	10.0	03/07/18 23:19	
Chloroform	ug/kg	ND	4.0	03/07/18 23:19	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Method Project No.: 10422433

METHOD BLANK: 2855057

Matrix: Solid

Associated Lab Samples: 10422433001, 10422433002, 10422433003, 10422433004, 10422433005, 10422433006, 10422433007, 10422433008, 10422433009, 10422433010, 10422433011, 10422433012, 10422433013, 10422433014, 10422433015, 10422433016, 10422433017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloromethane	ug/kg	ND	10.0	03/07/18 23:19	
cis-1,2-Dichloroethene	ug/kg	ND	4.0	03/07/18 23:19	
cis-1,3-Dichloropropene	ug/kg	ND	4.0	03/07/18 23:19	
Dibromochloromethane	ug/kg	ND	4.0	03/07/18 23:19	
Dibromomethane	ug/kg	ND	4.0	03/07/18 23:19	
Dichlorodifluoromethane	ug/kg	ND	10.0	03/07/18 23:19	
Dichlorofluoromethane	ug/kg	ND	4.0	03/07/18 23:19	
Diethyl ether (Ethyl ether)	ug/kg	ND	10.0	03/07/18 23:19	
Ethylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	03/07/18 23:19	
Isopropylbenzene (Cumene)	ug/kg	ND	4.0	03/07/18 23:19	
Methyl-tert-butyl ether	ug/kg	ND	4.0	03/07/18 23:19	
Methylene Chloride	ug/kg	ND	20.0	03/07/18 23:19	
n-Butylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
n-Propylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
Naphthalene	ug/kg	ND	10.0	03/07/18 23:19	
p-Isopropyltoluene	ug/kg	ND	4.0	03/07/18 23:19	
sec-Butylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
Styrene	ug/kg	ND	4.0	03/07/18 23:19	
tert-Butylbenzene	ug/kg	ND	4.0	03/07/18 23:19	
Tetrachloroethene	ug/kg	ND	4.0	03/07/18 23:19	
Tetrahydrofuran	ug/kg	ND	40.0	03/07/18 23:19	
Toluene	ug/kg	ND	4.0	03/07/18 23:19	
trans-1,2-Dichloroethene	ug/kg	ND	4.0	03/07/18 23:19	
trans-1,3-Dichloropropene	ug/kg	ND	4.0	03/07/18 23:19	
Trichloroethene	ug/kg	ND	4.0	03/07/18 23:19	
Trichlorofluoromethane	ug/kg	ND	10.0	03/07/18 23:19	
Vinyl chloride	ug/kg	ND	4.0	03/07/18 23:19	
Xylene (Total)	ug/kg	ND	12.0	03/07/18 23:19	
1,2-Dichloroethane-d4 (S)	%	102	75-126	03/07/18 23:19	
4-Bromofluorobenzene (S)	%	102	75-128	03/07/18 23:19	
Toluene-d8 (S)	%	102	75-125	03/07/18 23:19	

LABORATORY CONTROL SAMPLE & LCSD: 2855058

2855059

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	20	20.1	19.8	101	99	75-125	2	20	
1,1,1-Trichloroethane	ug/kg	20	19.7	19.9	99	100	75-125	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	20	20.0	19.0	100	95	67-125	5	20	
1,1,2-Trichloroethane	ug/kg	20	20.5	20.4	103	102	75-125	1	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	20	19.8	20.1	99	100	70-125	1	20	
1,1-Dichloroethane	ug/kg	20	20.9	21.0	105	105	70-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

LABORATORY CONTROL SAMPLE & LCSD: 2855058			2855059								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,1-Dichloroethene	ug/kg	20	18.9	18.7	94	94	67-125	1	20		
1,1-Dichloropropene	ug/kg	20	21.0	20.5	105	103	68-125	2	20		
1,2,3-Trichlorobenzene	ug/kg	20	20.5	18.9	102	94	75-125	8	20		
1,2,3-Trichloropropane	ug/kg	20	21.3	19.7	106	98	75-125	8	20		
1,2,4-Trichlorobenzene	ug/kg	20	19.2	17.7	96	89	75-125	8	20		
1,2,4-Trimethylbenzene	ug/kg	20	20.5	19.4	103	97	75-125	6	20		
1,2-Dibromo-3-chloropropane	ug/kg	50	47.2	46.5	94	93	68-125	1	20		
1,2-Dibromoethane (EDB)	ug/kg	20	20.0	19.8	100	99	75-125	1	20		
1,2-Dichlorobenzene	ug/kg	20	21.0	19.9	105	99	75-125	6	20		
1,2-Dichloroethane	ug/kg	20	20.3	20.3	101	102	74-125	0	20		
1,2-Dichloropropane	ug/kg	20	21.3	20.6	106	103	75-125	3	20		
1,3,5-Trimethylbenzene	ug/kg	20	20.8	19.6	104	98	75-125	6	20		
1,3-Dichlorobenzene	ug/kg	20	20.0	18.8	100	94	75-125	6	20		
1,3-Dichloropropane	ug/kg	20	20.0	20.1	100	100	75-125	0	20		
1,4-Dichlorobenzene	ug/kg	20	20.7	19.7	104	98	75-125	5	20		
2,2-Dichloropropane	ug/kg	20	19.8	19.5	99	98	75-125	1	20		
2-Butanone (MEK)	ug/kg	100	96.3	96.9	96	97	56-134	1	20		
2-Chlorotoluene	ug/kg	20	21.6	20.5	108	102	75-125	5	20		
4-Chlorotoluene	ug/kg	20	21.5	20.2	107	101	75-125	6	20		
4-Methyl-2-pentanone (MIBK)	ug/kg	100	107	108	107	108	71-125	1	20		
Acetone	ug/kg	100	103	113	103	113	30-150	9	20		
Allyl chloride	ug/kg	20	20.4	20.2	102	101	65-125	1	20		
Benzene	ug/kg	20	20.8	20.6	104	103	69-125	1	20		
Bromobenzene	ug/kg	20	20.9	20.1	104	101	75-125	4	20		
Bromochloromethane	ug/kg	20	19.9	20.1	100	100	75-125	1	20		
Bromodichloromethane	ug/kg	20	19.4	19.0	97	95	75-125	2	20		
Bromoform	ug/kg	20	19.3J	19.4J	96	97	75-125		20		
Bromomethane	ug/kg	20	25.6	24.8	128	124	67-131	3	20		
Carbon tetrachloride	ug/kg	20	19.9	19.2	100	96	75-125	4	20		
Chlorobenzene	ug/kg	20	20.4	20.3	102	102	75-125	1	20		
Chloroethane	ug/kg	20	20.8	21.3	104	106	63-125	2	20		
Chloroform	ug/kg	20	20.3	20.6	102	103	75-125	1	20		
Chloromethane	ug/kg	20	22.3	23.1	112	115	30-150	3	20		
cis-1,2-Dichloroethene	ug/kg	20	20.1	19.6	101	98	72-125	3	20		
cis-1,3-Dichloropropene	ug/kg	20	20.3	19.9	101	99	73-125	2	20		
Dibromochloromethane	ug/kg	20	20.0	19.9	100	99	75-125	0	20		
Dibromomethane	ug/kg	20	20.0	19.3	100	96	75-125	4	20		
Dichlorodifluoromethane	ug/kg	20	17.3	17.6	86	88	55-134	2	20		
Dichlorofluoromethane	ug/kg	20	21.1	21.3	105	106	75-125	1	20		
Diethyl ether (Ethyl ether)	ug/kg	20	20.6	20.3	103	101	68-125	1	20		
Ethylbenzene	ug/kg	20	20.7	20.3	104	101	75-125	2	20		
Hexachloro-1,3-butadiene	ug/kg	20	19.9	18.1	99	90	75-125	10	20		
Isopropylbenzene (Cumene)	ug/kg	20	21.2	20.3	106	101	75-125	5	20		
Methyl-tert-butyl ether	ug/kg	20	20.7	20.3	104	102	70-125	2	20		
Methylene Chloride	ug/kg	20	19.7J	19.8J	99	99	58-134		20		
n-Butylbenzene	ug/kg	20	19.9	18.3	99	92	74-125	8	20		
n-Propylbenzene	ug/kg	20	21.0	19.9	105	100	75-125	5	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

LABORATORY CONTROL SAMPLE & LCSD: 2855058			2855059							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/kg	20	20.0	19.3	100	96	66-125	4	20	
p-Isopropyltoluene	ug/kg	20	20.8	19.8	104	99	75-125	5	20	
sec-Butylbenzene	ug/kg	20	20.6	19.4	103	97	75-125	6	20	
Styrene	ug/kg	20	20.0	19.6	100	98	75-125	2	20	
tert-Butylbenzene	ug/kg	20	21.1	20.0	105	100	75-125	5	20	
Tetrachloroethene	ug/kg	20	20.6	20.2	103	101	72-125	2	20	
Tetrahydrofuran	ug/kg	200	210	203	105	102	36-146	3	20	
Toluene	ug/kg	20	20.4	20.0	102	100	75-125	2	20	
trans-1,2-Dichloroethene	ug/kg	20	19.4	19.1	97	95	69-125	2	20	
trans-1,3-Dichloropropene	ug/kg	20	19.4	19.5	97	98	75-125	1	20	
Trichloroethene	ug/kg	20	21.3	21.0	107	105	75-125	2	20	
Trichlorofluoromethane	ug/kg	20	20.1	20.4	100	102	72-127	1	20	
Vinyl chloride	ug/kg	20	18.0	18.6	90	93	67-127	4	20	
Xylene (Total)	ug/kg	60	62.5	60.5	104	101	75-125	3	20	
1,2-Dichloroethane-d4 (S)	%				99	100	75-126			
4-Bromofluorobenzene (S)	%				100	99	75-128			
Toluene-d8 (S)	%				101	101	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2855807			2855808									
Parameter	Units	10422433013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	15.6	15.3	15.1	15.9	97	104	47-150	5	30	
1,1,1-Trichloroethane	ug/kg	ND	15.6	15.3	17.3	17.4	111	114	34-150	1	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	15.6	15.3	17.8	18.4	114	120	32-148	3	30	
1,1,2-Trichloroethane	ug/kg	ND	15.6	15.3	16.2	17.0	104	111	55-150	5	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	15.6	15.3	20.3	20.2	130	132	30-150	1	30	
1,1-Dichloroethane	ug/kg	ND	15.6	15.3	17.5	17.8	112	117	30-150	2	30	
1,1-Dichloroethene	ug/kg	ND	15.6	15.3	17.3	17.4	111	114	30-150	1	30	
1,1-Dichloropropene	ug/kg	ND	15.6	15.3	19.0	19.4	122	127	31-150	2	30	
1,2,3-Trichlorobenzene	ug/kg	ND	15.6	15.3	13.6	15.7	87	103	30-149	14	30	
1,2,3-Trichloropropane	ug/kg	ND	15.6	15.3	16.9	17.9	108	118	52-150	6	30	
1,2,4-Trichlorobenzene	ug/kg	ND	15.6	15.3	12.7	14.5	81	95	30-144	13	30	
1,2,4-Trimethylbenzene	ug/kg	ND	15.6	15.3	14.8	16.3	95	107	30-150	9	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	39	38.2	41.2	45.0	106	118	30-150	9	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	15.6	15.3	16.1	16.6	103	109	46-148	3	30	
1,2-Dichlorobenzene	ug/kg	ND	15.6	15.3	14.6	16.3	94	107	30-147	11	30	
1,2-Dichloroethane	ug/kg	ND	15.6	15.3	16.7	17.1	107	112	40-150	2	30	
1,2-Dichloropropane	ug/kg	ND	15.6	15.3	16.0	17.2	103	113	49-150	7	30	
1,3,5-Trimethylbenzene	ug/kg	ND	15.6	15.3	15.0	16.5	96	108	30-150	9	30	
1,3-Dichlorobenzene	ug/kg	ND	15.6	15.3	14.1	15.5	90	101	30-150	9	30	
1,3-Dichloropropane	ug/kg	ND	15.6	15.3	15.9	16.6	102	109	55-146	4	30	
1,4-Dichlorobenzene	ug/kg	ND	15.6	15.3	14.4	15.7	92	103	30-149	8	30	
2,2-Dichloropropane	ug/kg	ND	15.6	15.3	17.5	17.7	112	116	31-150	1	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2855807											
2855808											
Parameter	Units	10422433013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
2-Butanone (MEK)	ug/kg	ND	78	76.3	91.0	87.1	117	114	30-150	4	30
2-Chlorotoluene	ug/kg	ND	15.6	15.3	15.5	16.7	99	109	34-150	7	30
4-Chlorotoluene	ug/kg	ND	15.6	15.3	15.3	16.6	98	109	32-147	8	30
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	78	76.3	97.7	103	125	135	30-150	5	30
Acetone	ug/kg	ND	78	76.3	152	152	194	199	30-150	0	30 M1
Allyl chloride	ug/kg	ND	15.6	15.3	16.6	17.4	107	114	30-150	5	30
Benzene	ug/kg	ND	15.6	15.3	17.4	17.6	111	115	39-150	1	30
Bromobenzene	ug/kg	ND	15.6	15.3	14.9	16.2	96	106	35-145	8	30
Bromochloromethane	ug/kg	ND	15.6	15.3	16.0	16.7	103	109	41-150	4	30
Bromodichloromethane	ug/kg	ND	15.6	15.3	14.5	15.9	93	104	41-150	9	30
Bromoform	ug/kg	ND	15.6	15.3	14.9J	16.1	96	105	34-150		30
Bromomethane	ug/kg	ND	15.6	15.3	23.4	22.0	150	144	45-150	6	30
Carbon tetrachloride	ug/kg	ND	15.6	15.3	17.5	18.2	112	119	30-150	4	30
Chlorobenzene	ug/kg	ND	15.6	15.3	15.5	16.6	99	109	56-143	7	30
Chloroethane	ug/kg	ND	15.6	15.3	14.7	21.4	94	140	42-150	37	30 R1
Chloroform	ug/kg	ND	15.6	15.3	16.3	16.6	101	106	37-150	2	30
Chloromethane	ug/kg	ND	15.6	15.3	33.0	22.6	211	148	31-150	37	30 M1,R1
cis-1,2-Dichloroethene	ug/kg	ND	15.6	15.3	17.0	18.0	98	106	44-150	5	30
cis-1,3-Dichloropropene	ug/kg	ND	15.6	15.3	15.1	16.3	97	107	49-133	8	30
Dibromochloromethane	ug/kg	ND	15.6	15.3	15.7	16.8	101	110	46-150	7	30
Dibromomethane	ug/kg	ND	15.6	15.3	15.4	16.9	99	111	59-138	9	30
Dichlorodifluoromethane	ug/kg	ND	15.6	15.3	26.7	18.5	171	121	30-150	37	30 M1,R1
Dichlorofluoromethane	ug/kg	ND	15.6	15.3	34.2	21.2	219	139	54-150	47	30 M1,R1
Diethyl ether (Ethyl ether)	ug/kg	ND	15.6	15.3	18.4	18.3	118	120	37-150	1	30
Ethylbenzene	ug/kg	ND	15.6	15.3	16.0	17.0	103	112	46-148	6	30
Hexachloro-1,3-butadiene	ug/kg	ND	15.6	15.3	14.2	16.4	91	107	30-150	15	30
Isopropylbenzene (Cumene)	ug/kg	ND	15.6	15.3	16.2	17.5	104	115	36-148	8	30
Methyl-tert-butyl ether	ug/kg	ND	15.6	15.3	17.8	17.7	114	116	46-150	1	30
Methylene Chloride	ug/kg	ND	15.6	15.3	16.2	16.2	100	103	32-150	0	30
n-Butylbenzene	ug/kg	ND	15.6	15.3	14.6	16.5	94	108	30-150	12	30
n-Propylbenzene	ug/kg	ND	15.6	15.3	15.5	17.0	100	112	30-150	9	30
Naphthalene	ug/kg	ND	15.6	15.3	15.6	17.3	100	114	30-125	10	30
p-Isopropyltoluene	ug/kg	ND	15.6	15.3	15.4	17.2	99	112	30-150	11	30
sec-Butylbenzene	ug/kg	ND	15.6	15.3	15.4	16.7	99	110	30-150	9	30
Styrene	ug/kg	ND	15.6	15.3	14.6	16.2	93	106	43-136	11	30
tert-Butylbenzene	ug/kg	ND	15.6	15.3	15.7	16.8	100	110	30-150	7	30
Tetrachloroethene	ug/kg	290	15.6	15.3	203	250	-650	-357	33-150	21	30 E,M1
Tetrahydrofuran	ug/kg	ND	156	153	284	306	182	200	65-149	8	30 M1
Toluene	ug/kg	ND	15.6	15.3	15.7	16.6	101	109	41-150	5	30
trans-1,2-Dichloroethene	ug/kg	ND	15.6	15.3	16.6	16.6	106	109	33-150	0	30
trans-1,3-Dichloropropene	ug/kg	ND	15.6	15.3	15.1	15.8	97	103	54-142	5	30
Trichloroethene	ug/kg	ND	15.6	15.3	20.8	22.6	89	103	41-150	8	30
Trichlorofluoromethane	ug/kg	ND	15.6	15.3	13.4	22.3	86	146	33-150	50	30 R1
Vinyl chloride	ug/kg	ND	15.6	15.3	28.3	19.3	181	126	36-150	38	30 M1,R1
Xylene (Total)	ug/kg	ND	46.8	45.8	47.5	51.2	101	112	38-150	7	30

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Clean

Pace Project No.: 10422433

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2855807 2855808												
Parameter	Units	10422433013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
1,2-Dichloroethane-d4 (S)	%.						115	113	75-126			
4-Bromofluorobenzene (S)	%.						99	100	75-128			
Toluene-d8 (S)	%.						97	98	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2858639 2858640												
Parameter	Units	10422282015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	14.3	15.3	23.4	15.9	164	104	47-150	38	30	M1,R1
1,1,1-Trichloroethane	ug/kg	ND	14.3	15.3	26.4	17.5	185	115	34-150	41	30	M1,R1
1,1,2,2-Tetrachloroethane	ug/kg	ND	14.3	15.3	27.6	20.6	193	134	32-148	29	30	M1
1,1,2-Trichloroethane	ug/kg	ND	14.3	15.3	25.9	17.9	182	117	55-150	37	30	M1,R1
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	14.3	15.3	30.2	20.7	212	135	30-150	37	30	M1,R1
1,1-Dichloroethane	ug/kg	ND	14.3	15.3	27.0	18.3	189	120	30-150	38	30	M1,R1
1,1-Dichloroethene	ug/kg	ND	14.3	15.3	26.2	17.5	184	115	30-150	40	30	M1,R1
1,1-Dichloropropene	ug/kg	ND	14.3	15.3	28.2	19.1	198	125	31-150	38	30	M1,R1
1,2,3-Trichlorobenzene	ug/kg	ND	14.3	15.3	17.4	12.8	122	84	30-149	31	30	R1
1,2,3-Trichloropropane	ug/kg	ND	14.3	15.3	27.1	20.0	190	131	52-150	30	30	M1
1,2,4-Trichlorobenzene	ug/kg	ND	14.3	15.3	16.3	11.9	114	78	30-144	31	30	R1
1,2,4-Trimethylbenzene	ug/kg	ND	14.3	15.3	19.3	13.5	135	89	30-150	35	30	R1
1,2-Dibromo-3-chloropropane	ug/kg	ND	35.7	38.2	68.0	50.3	191	132	30-150	30	30	M1
1,2-Dibromoethane (EDB)	ug/kg	ND	14.3	15.3	25.5	18.6	179	122	46-148	31	30	M1,R1
1,2-Dichlorobenzene	ug/kg	ND	14.3	15.3	19.5	13.9	137	91	30-147	33	30	R1
1,2-Dichloroethane	ug/kg	ND	14.3	15.3	26.4	18.6	185	122	40-150	35	30	M1,R1
1,2-Dichloropropane	ug/kg	ND	14.3	15.3	25.0	17.5	175	115	49-150	35	30	M1,R1
1,3,5-Trimethylbenzene	ug/kg	ND	14.3	15.3	19.3	13.9	135	91	30-150	32	30	R1
1,3-Dichlorobenzene	ug/kg	ND	14.3	15.3	18.3	13.0	129	85	30-150	34	30	R1
1,3-Dichloropropane	ug/kg	ND	14.3	15.3	25.2	17.9	177	117	55-146	34	30	M1,R1
1,4-Dichlorobenzene	ug/kg	ND	14.3	15.3	18.5	13.3	130	87	30-149	32	30	R1
2,2-Dichloropropane	ug/kg	ND	14.3	15.3	26.9	18.0	189	118	31-150	39	30	M1,R1
2-Butanone (MEK)	ug/kg	ND	71.3	76.5	149	108	209	141	30-150	32	30	M1,R1
2-Chlorotoluene	ug/kg	ND	14.3	15.3	20.7	14.5	145	95	34-150	36	30	R1
4-Chlorotoluene	ug/kg	ND	14.3	15.3	20.0	14.2	140	93	32-147	34	30	R1
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	71.3	76.5	166	123	233	161	30-150	30	30	M1
Acetone	ug/kg	ND	71.3	76.5	249	179	349	234	30-150	33	30	M1,R1
Allyl chloride	ug/kg	ND	14.3	15.3	26.9	18.3	189	119	30-150	38	30	M1,R1
Benzene	ug/kg	ND	14.3	15.3	26.0	17.6	182	115	39-150	38	30	M1,R1
Bromobenzene	ug/kg	ND	14.3	15.3	20.9	14.9	146	97	35-145	33	30	M1,R1
Bromochloromethane	ug/kg	ND	14.3	15.3	25.7	17.5	180	114	41-150	38	30	M1,R1
Bromodichloromethane	ug/kg	ND	14.3	15.3	24.1	16.8	169	110	41-150	35	30	M1,R1
Bromoform	ug/kg	ND	14.3	15.3	24.5	17.5	172	115	34-150	33	30	M1,R1
Bromomethane	ug/kg	ND	14.3	15.3	21.3	19.5	149	128	45-150	9	30	
Carbon tetrachloride	ug/kg	ND	14.3	15.3	27.0	17.9	190	117	30-150	40	30	M1,R1

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2858639 2858640											
Parameter	Units	10422282015 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
			Spike Conc.	Spike Conc.						RPD	RPD
Chlorobenzene	ug/kg	ND	14.3	15.3	22.5	15.5	158	102	56-143	37	30 M1,R1
Chloroethane	ug/kg	ND	14.3	15.3	18.4	19.0	129	124	42-150	3	30
Chloroform	ug/kg	ND	14.3	15.3	24.8	17.2	171	109	37-150	36	30 M1,R1
Chloromethane	ug/kg	ND	14.3	15.3	20.0	20.6	140	135	31-150	3	30
cis-1,2-Dichloroethene	ug/kg	ND	14.3	15.3	26.1	18.3	178	115	44-150	35	30 M1,R1
cis-1,3-Dichloropropene	ug/kg	ND	14.3	15.3	24.9	17.2	174	112	49-133	37	30 M1,R1
Dibromochloromethane	ug/kg	ND	14.3	15.3	26.1	18.7	183	122	46-150	33	30 M1,R1
Dibromomethane	ug/kg	ND	14.3	15.3	25.5	18.2	179	119	59-138	33	30 M1,R1
Dichlorodifluoromethane	ug/kg	ND	14.3	15.3	15.6	16.4	109	108	30-150	5	30
Dichlorofluoromethane	ug/kg	ND	14.3	15.3	17.6	18.5	123	121	54-150	5	30
Diethyl ether (Ethyl ether)	ug/kg	ND	14.3	15.3	28.6	20.2	201	132	37-150	34	30 M1,R1
Ethylbenzene	ug/kg	ND	14.3	15.3	22.9	15.5	161	101	46-148	39	30 M1,R1
Hexachloro-1,3-butadiene	ug/kg	ND	14.3	15.3	15.2	10.7	106	70	30-150	34	30 R1
Isopropylbenzene (Cumene)	ug/kg	ND	14.3	15.3	22.8	15.3	160	100	36-148	39	30 M1,R1
Methyl-tert-butyl ether	ug/kg	ND	14.3	15.3	27.7	19.8	194	129	46-150	33	30 M1,R1
Methylene Chloride	ug/kg	ND	14.3	15.3	24.2	17.1	170	112	32-150	34	30 M1,R1
n-Butylbenzene	ug/kg	ND	14.3	15.3	17.8	12.4	125	81	30-150	36	30 R1
n-Propylbenzene	ug/kg	ND	14.3	15.3	20.4	14.4	143	94	30-150	35	30 R1
Naphthalene	ug/kg	ND	14.3	15.3	21.9	16.8	154	110	30-125	27	30 M1
p-Isopropyltoluene	ug/kg	ND	14.3	15.3	19.2	13.3	134	87	30-150	36	30 R1
sec-Butylbenzene	ug/kg	ND	14.3	15.3	19.7	13.6	138	89	30-150	36	30 R1
Styrene	ug/kg	ND	14.3	15.3	21.4	14.5	150	95	43-136	38	30 M1,R1
tert-Butylbenzene	ug/kg	ND	14.3	15.3	20.8	14.4	146	94	30-150	36	30 R1
Tetrachloroethene	ug/kg	677	14.3	15.3	323	388	-282	166	33-150	18	30 E,M1
Tetrahydrofuran	ug/kg	ND	143	153	498	365	349	239	65-149	31	30 M1,R1
Toluene	ug/kg	ND	14.3	15.3	23.8	16.0	167	104	41-150	39	30 M1,R1
trans-1,2-Dichloroethene	ug/kg	ND	14.3	15.3	25.1	17.2	176	112	33-150	37	30 M1,R1
trans-1,3-Dichloropropene	ug/kg	ND	14.3	15.3	23.4	16.6	164	109	54-142	34	30 M1,R1
Trichloroethene	ug/kg	ND	14.3	15.3	27.2	20.2	171	113	41-150	30	30 M1
Trichlorofluoromethane	ug/kg	ND	14.3	15.3	18.9	19.7	133	129	33-150	4	30
Vinyl chloride	ug/kg	ND	14.3	15.3	15.9	17.1	112	112	36-150	7	30
Xylene (Total)	ug/kg	ND	42.8	45.9	67.6	45.3	158	99	38-150	39	30 MS,RS
1,2-Dichloroethane-d4 (S)	%						115	114	75-126		
4-Bromofluorobenzene (S)	%						99	101	75-128		
Toluene-d8 (S)	%						98	97	75-125		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane
Pace Project No.: 10422433

QC Batch: 526256 Analysis Method: EPA 8260B
QC Batch Method: EPA 5035/5030B Analysis Description: 8260B MSV 5030 Med Level
Associated Lab Samples: 10422433008, 10422433009, 10422433010, 10422433011, 10422433012, 10422433013

METHOD BLANK: 2855762 Matrix: Solid
Associated Lab Samples: 10422433008, 10422433009, 10422433010, 10422433011, 10422433012, 10422433013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	ND	50.0	03/08/18 14:13	
1,2-Dichloroethane-d4 (S)	%.	95	75-125	03/08/18 14:13	
4-Bromofluorobenzene (S)	%.	102	75-125	03/08/18 14:13	
Toluene-d8 (S)	%.	97	75-125	03/08/18 14:13	

LABORATORY CONTROL SAMPLE & LCSD: 2855763

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/kg	1000	1020	1060	102	106	67-125	4	20	
1,2-Dichloroethane-d4 (S)	%.				93	94	75-125			
4-Bromofluorobenzene (S)	%.				99	100	75-125			
Toluene-d8 (S)	%.				100	103	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2856161

Parameter	Units	10422282015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tetrachloroethene	ug/kg	677	940	1010	1530	1450	91	76	70-150	6	30	
1,2-Dichloroethane-d4 (S)	%.						93	93	75-125			
4-Bromofluorobenzene (S)	%.						99	101	75-125			
Toluene-d8 (S)	%.						100	100	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2856765

Parameter	Units	10422433013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tetrachloroethene	ug/kg	290	962	1000	1210	1380	96	108	70-150	13	30	
1,2-Dichloroethane-d4 (S)	%.						94	95	75-125			
4-Bromofluorobenzene (S)	%.						102	100	75-125			
Toluene-d8 (S)	%.						98	98	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane
Pace Project No.: 10422433

QC Batch:	526684	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260B MSV 5030 Med Level
Associated Lab Samples:	10422433018		

METHOD BLANK: 2857722 Matrix: Solid
Associated Lab Samples: 10422433018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.0	03/09/18 20:14	N2
1,1,1-Trichloroethane	ug/kg	ND	50.0	03/09/18 20:14	
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.0	03/09/18 20:14	
1,1,2-Trichloroethane	ug/kg	ND	50.0	03/09/18 20:14	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	200	03/09/18 20:14	
1,1-Dichloroethane	ug/kg	ND	50.0	03/09/18 20:14	MN
1,1-Dichloroethene	ug/kg	ND	50.0	03/09/18 20:14	
1,1-Dichloropropene	ug/kg	ND	50.0	03/09/18 20:14	
1,2,3-Trichlorobenzene	ug/kg	ND	50.0	03/09/18 20:14	
1,2,3-Trichloropropane	ug/kg	ND	200	03/09/18 20:14	
1,2,4-Trichlorobenzene	ug/kg	ND	50.0	03/09/18 20:14	
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	03/09/18 20:14	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1250	03/09/18 20:14	
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	03/09/18 20:14	
1,2-Dichlorobenzene	ug/kg	ND	50.0	03/09/18 20:14	
1,2-Dichloroethane	ug/kg	ND	50.0	03/09/18 20:14	
1,2-Dichloropropane	ug/kg	ND	50.0	03/09/18 20:14	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	03/09/18 20:14	
1,3-Dichlorobenzene	ug/kg	ND	50.0	03/09/18 20:14	
1,3-Dichloropropane	ug/kg	ND	50.0	03/09/18 20:14	
1,4-Dichlorobenzene	ug/kg	ND	50.0	03/09/18 20:14	
2,2-Dichloropropane	ug/kg	ND	200	03/09/18 20:14	
2-Butanone (MEK)	ug/kg	ND	250	03/09/18 20:14	
2-Chlorotoluene	ug/kg	ND	50.0	03/09/18 20:14	
4-Chlorotoluene	ug/kg	ND	50.0	03/09/18 20:14	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	250	03/09/18 20:14	
Acetone	ug/kg	ND	1000	03/09/18 20:14	
Allyl chloride	ug/kg	ND	200	03/09/18 20:14	
Benzene	ug/kg	ND	20.0	03/09/18 20:14	
Bromobenzene	ug/kg	ND	50.0	03/09/18 20:14	
Bromochloromethane	ug/kg	ND	50.0	03/09/18 20:14	
Bromodichloromethane	ug/kg	ND	50.0	03/09/18 20:14	
Bromoform	ug/kg	ND	200	03/09/18 20:14	
Bromomethane	ug/kg	ND	500	03/09/18 20:14	
Carbon tetrachloride	ug/kg	ND	50.0	03/09/18 20:14	
Chlorobenzene	ug/kg	ND	50.0	03/09/18 20:14	
Chloroethane	ug/kg	ND	500	03/09/18 20:14	
Chloroform	ug/kg	ND	50.0	03/09/18 20:14	
Chloromethane	ug/kg	ND	200	03/09/18 20:14	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	03/09/18 20:14	
cis-1,3-Dichloropropene	ug/kg	ND	50.0	03/09/18 20:14	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

METHOD BLANK: 2857722

Matrix: Solid

Associated Lab Samples: 10422433018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	200	03/09/18 20:14	
Dibromomethane	ug/kg	ND	50.0	03/09/18 20:14	
Dichlorodifluoromethane	ug/kg	ND	200	03/09/18 20:14	
Dichlorofluoromethane	ug/kg	ND	500	03/09/18 20:14	
Diethyl ether (Ethyl ether)	ug/kg	ND	200	03/09/18 20:14	
Ethylbenzene	ug/kg	ND	50.0	03/09/18 20:14	
Hexachloro-1,3-butadiene	ug/kg	ND	250	03/09/18 20:14	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	03/09/18 20:14	
Methyl-tert-butyl ether	ug/kg	ND	50.0	03/09/18 20:14	
Methylene Chloride	ug/kg	ND	200	03/09/18 20:14	
n-Butylbenzene	ug/kg	ND	50.0	03/09/18 20:14	
n-Propylbenzene	ug/kg	ND	50.0	03/09/18 20:14	
Naphthalene	ug/kg	ND	200	03/09/18 20:14	
p-Isopropyltoluene	ug/kg	ND	50.0	03/09/18 20:14	
sec-Butylbenzene	ug/kg	ND	50.0	03/09/18 20:14	
Styrene	ug/kg	ND	50.0	03/09/18 20:14	
tert-Butylbenzene	ug/kg	ND	50.0	03/09/18 20:14	
Tetrachloroethene	ug/kg	ND	50.0	03/09/18 20:14	
Tetrahydrofuran	ug/kg	ND	2000	03/09/18 20:14	
Toluene	ug/kg	ND	50.0	03/09/18 20:14	
trans-1,2-Dichloroethene	ug/kg	ND	50.0	03/09/18 20:14	
trans-1,3-Dichloropropene	ug/kg	ND	50.0	03/09/18 20:14	
Trichloroethene	ug/kg	ND	50.0	03/09/18 20:14	N2
Trichlorofluoromethane	ug/kg	ND	200	03/09/18 20:14	
Vinyl chloride	ug/kg	ND	50.0	03/09/18 20:14	MN
Xylene (Total)	ug/kg	ND	150	03/09/18 20:14	
1,2-Dichloroethane-d4 (S)	%	93	75-125	03/09/18 20:14	
4-Bromofluorobenzene (S)	%	103	75-125	03/09/18 20:14	
Toluene-d8 (S)	%	98	75-125	03/09/18 20:14	

LABORATORY CONTROL SAMPLE & LCSD: 2857723

2857724

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1000	1020	853	102	85	59-125	18	20	
1,1,1-Trichloroethane	ug/kg	1000	1020	849	102	85	59-125	18	20	
1,1,2,2-Tetrachloroethane	ug/kg	1000	1060	884	106	88	58-125	18	20	N2
1,1,2-Trichloroethane	ug/kg	1000	1030	861	103	86	64-125	18	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	1000	981	828	98	83	65-125	17	20	
1,1-Dichloroethane	ug/kg	1000	1020	865	102	87	63-125	17	20	
1,1-Dichloroethene	ug/kg	1000	1000	864	100	86	59-125	15	20	
1,1-Dichloropropene	ug/kg	1000	948	796	95	80	64-125	17	20	
1,2,3-Trichlorobenzene	ug/kg	1000	936	824	94	82	55-126	13	20	
1,2,3-Trichloropropane	ug/kg	1000	1060	802	106	80	62-125	28	20	R1
1,2,4-Trichlorobenzene	ug/kg	1000	941	829	94	83	62-125	13	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

LABORATORY CONTROL SAMPLE & LCSD: 2857723			2857724								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,2,4-Trimethylbenzene	ug/kg	1000	1050	853	105	85	59-125	20	20		
1,2-Dibromo-3-chloropropane	ug/kg	2500	2310	1990	92	80	54-125	15	20		
1,2-Dibromoethane (EDB)	ug/kg	1000	1030	854	103	85	64-125	19	20		
1,2-Dichlorobenzene	ug/kg	1000	985	839	98	84	63-125	16	20		
1,2-Dichloroethane	ug/kg	1000	973	796	97	80	57-125	20	20		
1,2-Dichloropropane	ug/kg	1000	1020	838	102	84	67-125	20	20		
1,3,5-Trimethylbenzene	ug/kg	1000	1010	869	101	87	59-125	15	20		
1,3-Dichlorobenzene	ug/kg	1000	1040	836	104	84	64-125	21	20	R1	
1,3-Dichloropropane	ug/kg	1000	964	829	96	83	64-125	15	20		
1,4-Dichlorobenzene	ug/kg	1000	980	809	98	81	63-125	19	20		
2,2-Dichloropropane	ug/kg	1000	979	795	98	79	37-126	21	20	R1	
2-Butanone (MEK)	ug/kg	5000	4990	3890	100	78	48-125	25	20	R1	
2-Chlorotoluene	ug/kg	1000	998	856	100	86	62-125	15	20		
4-Chlorotoluene	ug/kg	1000	1040	859	104	86	63-125	19	20		
4-Methyl-2-pentanone (MIBK)	ug/kg	5000	4950	4100	99	82	52-135	19	20		
Acetone	ug/kg	5000	6030	5630	121	113	65-125	7	20		
Allyl chloride	ug/kg	1000	1030	851	103	85	52-125	19	20		
Benzene	ug/kg	1000	996	825	100	83	61-125	19	20		
Bromobenzene	ug/kg	1000	1090	874	109	87	64-125	22	20	R1	
Bromochloromethane	ug/kg	1000	1010	834	101	83	65-125	19	20		
Bromodichloromethane	ug/kg	1000	1100	877	110	88	57-125	23	20	R1	
Bromoform	ug/kg	1000	937	708	94	71	57-125	28	20	R1	
Bromomethane	ug/kg	1000	1140	1060	114	106	60-125	7	20		
Carbon tetrachloride	ug/kg	1000	1030	866	103	87	58-125	17	20		
Chlorobenzene	ug/kg	1000	1000	834	100	83	66-125	18	20		
Chloroethane	ug/kg	1000	914	859	91	86	62-125	6	20		
Chloroform	ug/kg	1000	934	757	93	76	59-125	21	20	R1	
Chloromethane	ug/kg	1000	1890	1710	189	171	50-125	10	20	CH,L3,SS	
cis-1,2-Dichloroethene	ug/kg	1000	1030	827	103	83	61-125	22	20	R1	
cis-1,3-Dichloropropene	ug/kg	1000	1020	851	102	85	61-125	18	20		
Dibromochloromethane	ug/kg	1000	916	752	92	75	60-125	20	20		
Dibromomethane	ug/kg	1000	1010	781	101	78	69-125	25	20	R1	
Dichlorodifluoromethane	ug/kg	1000	1180	1100	118	110	38-125	7	20		
Dichlorofluoromethane	ug/kg	1000	904	850	90	85	67-125	6	20		
Diethyl ether (Ethyl ether)	ug/kg	1000	932	1880	93	188	60-125	68	20	CH,L3,R1	
Ethylbenzene	ug/kg	1000	988	846	99	85	62-125	15	20		
Hexachloro-1,3-butadiene	ug/kg	1000	960	769	96	77	56-125	22	20	R1	
Isopropylbenzene (Cumene)	ug/kg	1000	1020	857	102	86	65-125	17	20		
Methyl-tert-butyl ether	ug/kg	1000	926	751	93	75	59-125	21	20	R1	
Methylene Chloride	ug/kg	1000	1050	855	105	85	64-125	21	20	R1	
n-Butylbenzene	ug/kg	1000	1030	856	103	86	59-125	18	20		
n-Propylbenzene	ug/kg	1000	1060	909	106	91	61-125	16	20		
Naphthalene	ug/kg	1000	972	865	97	86	53-125	12	20		
p-Isopropyltoluene	ug/kg	1000	1040	854	104	85	63-125	19	20		
sec-Butylbenzene	ug/kg	1000	993	858	99	86	62-125	15	20		
Styrene	ug/kg	1000	1020	844	102	84	66-125	19	20		
tert-Butylbenzene	ug/kg	1000	1050	866	105	87	64-125	19	20		

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QUALITY CONTROL DATA

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

LABORATORY CONTROL SAMPLE & LCSD: 2857723			2857724							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/kg	1000	1020	837	102	84	67-125	19	20	
Tetrahydrofuran	ug/kg	10000	11300	10100	113	101	62-125	11	20	
Toluene	ug/kg	1000	999	852	100	85	61-125	16	20	
trans-1,2-Dichloroethene	ug/kg	1000	997	844	100	84	64-125	17	20	
trans-1,3-Dichloropropene	ug/kg	1000	1010	864	101	86	56-125	16	20	
Trichloroethene	ug/kg	1000	1000	824	100	82	67-125	20	20	N2
Trichlorofluoromethane	ug/kg	1000	988	949	99	95	65-125	4	20	
Vinyl chloride	ug/kg	1000	1210	1160	121	116	57-125	5	20	
Xylene (Total)	ug/kg	3000	2970	2510	99	84	62-125	17	20	
1,2-Dichloroethane-d4 (S)	%.				95	94	75-125			
4-Bromofluorobenzene (S)	%.				100	104	75-125			
Toluene-d8 (S)	%.				97	101	75-125			

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QUALIFIERS

Project: WAKS2510C Former Cherry Cleane
Pace Project No.: 10422433

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 526924

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.

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QUALIFIERS

Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

ANALYTE QUALIFIERS

SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

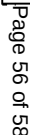
Project: WAKS2510C Former Cherry Cleane

Pace Project No.: 10422433

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10422433001	SB51:S100118	EPA 5035 Low	526130	EPA 8260B	526845
10422433002	SB51:S050054	EPA 5035 Low	526130	EPA 8260B	526845
10422433003	SB47:S005013	EPA 5035 Low	526130	EPA 8260B	526845
10422433004	SB47:S056066	EPA 5035 Low	526130	EPA 8260B	526845
10422433005	SB52:S100108	EPA 5035 Low	526130	EPA 8260B	526845
10422433006	SB52:S050061	EPA 5035 Low	526130	EPA 8260B	526845
10422433007	SB48:S000004	EPA 5035 Low	526130	EPA 8260B	526845
10422433008	SB48:S021035	EPA 5035 Low	526130	EPA 8260B	526845
10422433009	SB44:S120133	EPA 5035 Low	526130	EPA 8260B	526845
10422433010	SB44:S058073	EPA 5035 Low	526130	EPA 8260B	526845
10422433011	SB41:S02033	EPA 5035 Low	526130	EPA 8260B	526845
10422433012	SB41:S000007	EPA 5035 Low	526130	EPA 8260B	526845
10422433013	SB45:S116126	EPA 5035 Low	526130	EPA 8260B	526845
10422433014	SB45:S100107	EPA 5035 Low	526130	EPA 8260B	526845
10422433015	SB53:S100104	EPA 5035 Low	526130	EPA 8260B	526845
10422433016	SB53:S016029	EPA 5035 Low	526130	EPA 8260B	526845
10422433017	FD2:S022818	EPA 5035 Low	526130	EPA 8260B	526845
10422433008	SB48:S021035	EPA 5035/5030B	526256	EPA 8260B	526926
10422433009	SB44:S120133	EPA 5035/5030B	526256	EPA 8260B	526926
10422433010	SB44:S058073	EPA 5035/5030B	526256	EPA 8260B	526926
10422433011	SB41:S02033	EPA 5035/5030B	526256	EPA 8260B	526926
10422433012	SB41:S000007	EPA 5035/5030B	526256	EPA 8260B	526926
10422433013	SB45:S116126	EPA 5035/5030B	526256	EPA 8260B	526926
10422433018	Trip Blank	EPA 5035/5030B	526684	EPA 8260B	526924

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.





CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company:	ELAM Group
Address:	176 West Logan Street, Suite 147 Noblesville, IN 46060
Email:	jason.oland@elamusa.com
Phone:	888-510-3526 x106 Fax: n/a
Requested Due Date:	

Section B

Required Project Information:

Report To:	Jason Oland
Copy To:	Jim Cornett@elamusa.com
Purchase Order #:	
Project Name:	Former Cherry Cleaners
Project #:	WAKS2510C

Section C

Invoice Information:

Attention:	James Hogan, james.hogan@elamusa.com
Company Name:	ELAM Group
Address:	176 West Logan Street, Suite 147
Pace Quote:	
Pace Project Manager:	tia.diggins@pacelabs.com, 612-709-5046
Pace Profile #:	37235 #1

Page: 2 of 2

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample Ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other		VOC 8260, 5035 Low Level	Moisture																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
MS/MSD provided w/ SB45:5116126	Jim Cornett	3-1-18	1400	DAF	3-1-18	1930	4.9	Y	N	Y
	MAF	3-1-18	1200	PAF	3-2-18	1000	0.7	Y	Y	Y

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Jim Cornett						
SIGNATURE of SAMPLER: Jim Cornett						

	Document Name:	Document Revised: 14Dec2017
	Sample Condition Upon Receipt Form	Page 1 of 2
	Document No.: F-MN-L-213-rev.22	Issuing Authority: Pace Minnesota Quality Office

Sample Condition
Upon Receipt

Client Name:

Project #:

ELAM Group

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☐ Pace ☐ SpeedDee ☐ Other:
 Tracking Number: 4249-3595-9298

WO# 10422433
 PM: TAD Due Date: 03/16/18
 CLIENT: ELAM Group

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No Seals Intact? ☒ Yes ☐ No Optional: Proj. Due Date: Proj. Name:

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other: Temp Blank? ☒ Yes ☐ No

Thermometer ☒ 151401163 ☐ G87A9155100842
 Used: Type of Ice: ☒ Wet ☐ Blue ☐ None ☐ Dry ☐ Melted

Cooler Temp Read (°C): 0.7 Cooler Temp Corrected (°C): 0.7 Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A
 Temp should be above freezing to 6°C Correction Factor: TRUE Date and Initials of Person Examining Contents: 3-2-18 JDD

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present?	☒ Yes ☐ No	1.
Chain of Custody Filled Out?	☒ Yes ☐ No	2.
Chain of Custody Relinquished?	☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC?	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes ☒ No	6.
Rush Turn Around Time Requested?	☐ Yes ☒ No	7.
Sufficient Volume?	☒ Yes ☐ No	8.
Correct Containers Used?	☒ Yes ☐ No	9. Dry weight from unpreserved vial
-Pace Containers Used?	☒ Yes ☐ No	
Containers Intact?	☒ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	☒ Yes ☐ No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>SL</u>		
All containers needing acid/base preservation have been checked?	☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation?	☐ Yes ☐ No ☒ N/A	Sample #
(HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide)	☐ Yes ☐ No ☒ N/A	Initial when completed: Lot # of added preservative:
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin.	☐ Yes ☐ No ☒ N/A	
Headspace in VOA Vials (>6mm)?	☐ Yes ☐ No ☒ N/A	14.
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	15.
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased): <u>010118-3</u>		

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review:

Date: 3/8/18

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).



Appendix J.3

PNOD Laboratory Report



Carus Remediation Technologies
Remediation Report

13th March 2018

Customer: The ELAM Group
176 W. Logan St.
Suite 147
Noblesville, IN 46060

Attention: Chris Sloffer
Chris.sloffer@elamusa.com

From: T. Lizer
Cc: T. Colgan

TECH # 18-047

Subject: RemOx[®] L ISCO Reagent Permanganate Natural Oxidant Demand

Summary

The overall average RemOx[®] L ISCO reagent permanganate natural oxidant demand (PNOD) at 48 hours for the soil samples was determined to be 17.7 g/kg. The average demands ranged from 5.3 g/kg to 39.1 g/kg. These values are calculated on a weight as sodium permanganate (NaMnO₄) per dry weight of soil.

Background

Three soil samples were received from The Elam Group from the Former Cherry Street Cleaners project located in Seattle, WA. The soil sample designations were *NOD Surface*, *NOD Shallow*, and *NOD Deep*. The samples were analyzed for permanganate natural oxidant demand. The measurement of the permanganate natural oxidant demand is used to estimate the concentration of permanganate that will be consumed by the natural reducing agents during a given time period of 48 hours.

Experimental

The samples were analyzed for permanganate natural oxidant demand following ASTM D7262-10 Test Method A. A brief summary is as follows:

To determine the PNOD, the soil was baked at 105°C for 24 hours then allowed to cool to room temperature. The soil was then blended and passed through a U.S. 10 sieve (2 mm). Reactors were loaded with 50 grams of soil and 100 mL of 20 g/L NaMnO₄ for an initial dose of 40 g/kg NaMnO₄ on a dry soil weight basis at a 1:2 soil to aqueous reagent ratio. Each soil dose was performed in triplicate. The reaction vessels were inverted once to mix the reagents. Residual permanganate (MnO₄⁻) was determined at 48 hours. The demands were calculated on a dry weight basis.

Results

The permanganate demand is the amount of permanganate consumed in a given amount of time. It should be noted that in a soil or groundwater sample, the oxidation of any compound by

permanganate is dependent on the initial dose of permanganate and the reaction time available. As the permanganate dose is increased, the reaction rate and oxidant consumption may also increase. Some compounds that are not typically oxidized by permanganate under low doses can become reactive with permanganate at higher concentrations. The 48-hour PNOD results can be seen in Table 1 (on a dry soil basis).

Table 1: 48-Hour PNOD *

Soil Sample Identification	Average and Standard Deviation (g/kg)	Replicate 1 (g/kg)	Replicate 2 (g/kg)	Replicate 3 (g/kg)
NOD Surface	39.1 ± 0.04	39.1	39.1	39.2
NOD Shallow	8.6 ± 0.97	9.4	7.5	8.8
NOD Deep	5.3 ± 0.38	5.7	4.9	5.4
Overall Average	17.7			

*Demands were calculated on a weight NaMnO₄/dry soil weight basis from an initial dose of 40.0 g/kg NaMnO₄ initial dose at a 1:2 soil to aqueous solution ratio.

Conclusions

For this application the amount of permanganate needed will be dependent on the reaction time allowed. On average, the soil samples had a 48-hour permanganate demand value of 17.7 g/kg. The average demands ranged from 5.3 g/kg to 39.1 g/kg. Generally, remediation sites with a soil demand of less than 20.0 g/kg at the time of interest are favorable for *in situ* chemical oxidation with permanganate (see Table 2 for additional information).

Table 2: Correlation of Permanganate Natural Oxidant Demand Results*

PNOD (g/kg)	Rank	Comment
<10	Low	ISCO with MnO ₄ ⁻ is recommended. Soil contribution to MnO ₄ ⁻ demand is low.
10-20	Moderate	ISCO with MnO ₄ ⁻ is recommended. Soil contribution to MnO ₄ ⁻ demand is moderate. Economics should be considered.
>20	High	ISCO with MnO ₄ ⁻ is technically feasible. Other technologies may provide lower cost alternatives.

*Dry Weight Basis