FEDERAL WAY LINK EXTENSION

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Phase II Environmental Site
Assessment
FL358, FL361 and FL363

Draft 2

Tax Parcels 2423200050, 2423200010 and 2423200060



CENTRAL PUGET SOUND
REGIONAL TRANSIT AUTHORITY

Phase II Environmental Site Assessment Report Sound Transit – Federal Way Link Extension Parcels FL358, FL361 and FL363 Sea-tac Plaza Shopping Center 2200 South 320th Street Federal Way, Washington

File No. 4082-039-01

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RECORD OF REVISIONS TO FEDERAL WAY LINK EXTENSION, PHASE 3 QUALITY MANAGEMENT PLAN

Revision No.	Revision	Revision Date
0	Draft 1	November 2017
1	Draft 2 – Final Report	December 2017
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Acronyms and Abbreviations

AST	aboveground storage tank
ASTM	ASTM International
bgs	below ground surface
CLARC	Cleanup Levels and Risk Calculation
Ecology	Washington State Department of Ecology
EPA	United States Environmental Protection Agency
ESA	environmental site assessment
HREC	Historical Recognized Environmental Condition
mg/kg	milligrams per kilogram
MTCA	Model Toxics Control Act
NAVD 88	North American Vertical Datum of 1988
PAH	polycyclic aromatic hydrocarbon
PCBs	polychlorinated biphenyls
PID	photoionization detector
ppm	parts per million
PRT	post-run tubing
QC	quality control
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
TSP	Tacoma Smelter Plume
UST	underground storage tank
VOC	volatile organic compound
WAC	Washington Administrative Code

EXECUTIVE SUMMARY

This report summarizes the results of the All Appropriate Inquiries (AAI) Phase I Environmental Site Assessment (ESA) of the property at 2200 South 320th Street in Federal Way, Washington, contiguous King County Tax Parcels 2423200050, 2423200010 and 2423200060 identified by Central Puget Sound Regional Transit Authority (Sound Transit) as Federal Way Link Extension (FWLE) Parcels FL358, FL361 and FL363, respectively. The subject property is owned by Winson at Federal Way, LLC. The subject property is shown relative to surrounding physical features on the Vicinity Map, Figure 1.

The three parcels comprise 8.84 acres and are collectively referred to in this report as "subject property." Parcel FL358 is the largest of the three parcels (7.5 acres) and is developed with the Sea-Tac Plaza shopping center built in 1979. The shopping center building comprises approximately 107,000 square feet and the remainder of the parcel is paved parking. Parcel FL363 represents access roads into and through the shopping center, with a small portion used for parking. Parcel FL361, adjacent to the northeast corner of FL363, is used for additional shopping center parking and landscaping. The layout of the subject property and surrounding properties is shown on the Site Plan, Figure 2. Prior to the shopping center, parking and access roads being developed, the subject property was part of a large tract with three small, rural residences in a portion of the subject property in the late 1940s and 1950s and a drainage channel extended through a portion of the subject property.

The Phase II ESA was conducted to assess current soil and groundwater conditions relative to Sound Transit's proposed acquisition and construction on the subject property. Sound Transit's proposed construction and development is generally shown in Figure 3. Contamination associated with the Recognized Environmental Conditions (RECs) for the property as identified in the Phase I ESA prepared by GeoEngineers, Inc. dated March 2017 was evaluated during this Phase II ESA study.

A limited scope of sampling to assess soil related to potential Tacoma Smelter Plume (TSP) impacts was performed as part of the Phase II ESA and additional sampling of this nature is planned in the future. Results from the TSP-related soil sampling.

Phase I ESA Summary

The following RECs were identified for the subject property:

- The Y Pay Mor Dry Cleaner previously occupied space in the east end of the Sea-Tac Plaza shopping center and is a MTCA cleanup Site with a documented release of dry cleaning solvents that was remediated in 1994. Ecology issued a No Further Action (NFA) determination dated October 22, 1998 conditioned on a Restrictive Covenant which documents residual contamination in soil and groundwater remaining beneath the Site.
- Petroleum contamination is documented in soil and in groundwater beneath the southern portion of the subject property due to contaminant migration from releases at the southern adjacent ARCO service station MTCA cleanup Site.

A detailed summary of available environmental assessment and cleanup history information, and regulatory status associated with each of these Sites, is presented in Sections 1.3.1 and 1.3.2.

The Phase I ESA noted the presence of fill in the vicinity of the subject property, based on observations made during geotechnical explorations conducted along the FWLE corridor. Assessment of fill as a potential source of contaminants on the subject property is planned in the future. Additional shallow soil sampling to evaluate the TSP is also planned in the future and potential TSP impacts will be presented in a separate document in the future.

Phase II ESA Findings and Conclusions

The Phase II ESA was conducted to assess current soil and groundwater conditions relative to Sound Transit's proposed acquisition and construction on the subject property. Contamination associated with the Recognized Environmental Conditions (RECs) for the property as identified in the Phase I ESA prepared by GeoEngineers, Inc. dated March 2017 was evaluated during this study.

Current Site Conditions

No newly identified potential on-site sources of contamination were noted during the Phase II ESA visual reconnaissance of the subject property in October 2017. Previously installed groundwater monitoring well Y Pay Mor-MW3 was located (Figure 2 and Figure 4), while previous monitoring well Y Pay Mor-MW2 was not located and is assumed to have either been removed or paved over. Monitoring wells previously installed for assessment of the past ARCO release were observed on the subject property including ARCO-MW31, ARCO-MW32, ARCO-MW37 and ARCO-MW4 (Figure 2). It is unclear whether remediation wells previously installed for the ARCO cleanup remain on the subject property.

A survey of the subject property presented in Appendix C indicates the locations of storm drain and sanitary sewer easements that cross portions of the subject property and may contribute to preferential pathways for contaminant migration in groundwater or soil vapor.

Potential On-site Sources - Former Y Pay Mor Dry Cleaners

Y Pay Mor Dry Cleaners was a tenant in the subject property shopping center on FL358 between approximately the late 1980s and 1994. The dry cleaner was located at the east end of the Sea-Tac Plaza shopping center building, approximately as indicated in Figure 2.

Based on our review of available documents provided by Ecology (Appendix C), a spill of tetrachloroethylene (PCE) occurred inside the dry cleaner space in 1991. Site assessment completed in 1992 included limited sampling of soil and groundwater beneath and surrounding the dry cleaner space. PCE (1,700 μ g/l) was detected in a groundwater sample obtained from beneath the dry cleaner space (B-12, Figure 4). A soil vapor extraction (SVE) remediation system operated beneath the dry cleaner space in 1993 and 1994. Post-remediation compliance sampling included 1994 soil sampling from borings inside the dry cleaner and 1994 and 1997 groundwater sampling at downgradient

monitoring well Y Pay Mor-MW3 (Figures 2 and 4). The concentration of PCE in one of the 1994 soil samples from inside the dry cleaner space (CB-4, Figure 4) was 1.3 mg/kg, greater than the MTCA Method A cleanup level of 0.05 mg/kg. Concentrations of PCE and its degradation compounds trichloroethylene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride in groundwater samples from 1994 and 1997 were less than MTCA cleanup levels (Figure 4).

In 1995 Ecology issued an interim NFA (Ecology, June 9, 1995) conditional on the recording of a restrictive covenant (Appendix C). The 1995 covenant documents that residual concentrations of solvents remained in soil and groundwater at the site at levels exceeding MTCA Method A cleanup levels. Ecology issued a final NFA (October 23, 1998) for Y Pay Mor Dry Cleaners, conditioned on a second Restrictive Covenant recorded in August 1998 (Appendix C). The 1998 covenant outlines the conditions required to preserve Ecology's NFA determination for the former dry cleaner Site. Ecology's file does not contain any soil or groundwater sampling results for the Y Pay Mor Site after 1997.

Field Explorations, Sampling and Chemical Analytical Testing

The vicinity of the former Y Pay Mor Dry Cleaner was assessed for this study by completing six exploration borings (FL358-B1, FL358-B3, FL358-MW1, FL358-MW2, FL358-MW3 and FL358-MW4), four of which were completed as monitoring wells. Soil samples were obtained from all six explorations and selected samples were submitted for chemical analysis. Groundwater samples were obtained from the four newly installed monitoring wells FL358-MW-1, FL358-MW-2, FL358-MW-3 and FL358-MW-4 and from one previously installed monitoring well, Y Pay Mor-MW3. Monitoring wells FL358-MW-3, FL358-MW-4 and Y Pay Mor-MW3 are in nearby downgradient locations, to the south and southwest, relative to the former dry cleaner space. Volatile organic compounds (VOCs) were also analyzed in downgradient groundwater samples obtained from the south/southwest margins of the subject property (grab water samples from FL363-B4, FL363-B5, FL363-B6 and FL363-B7 and monitoring well samples from ARCO-MW31 on FL363, and ARCO-MW32 and ARCO-MW37 on FL358) to confirm the presence/absence of dry cleaner-related solvents in groundwater at these downgradient locations on the subject property. No explorations were completed inside the shopping center building.

Below is a summary of key findings relative to the Phase II ESA objectives for the Y Pay Mor Dry Cleaner Site. Phase II ESA analytical results are summarized in Tables 1 and 2 and illustrated in Figures 5 and 6.

<u>Soil</u>

• Nineteen soil samples from six explorations completed in close proximity to the former dry cleaner were analyzed for the dry-cleaning solvent PCE and breakdown products TCE, cis-1,2-DCE and vinyl chloride (Table 1). Depths sampled ranged from 0.5 to 19 feet bgs. PCE, TCE and cis-1,2-DCE were all detected in three samples from two of the borings: FL358-B1-10-11, FL358-B1-13-14 and FL358-MW1-19-20. Cis-1,2-DCE only was additionally detected in a fourth sample, also from FL358-B1: FL358-B1-5-6. The PCE concentration in sample FL358-B1-13-14 (0.066 mg/kg) was greater than the MTCA Method A cleanup level of 0.05 mg/kg. Concentrations of PCE in the remaining samples and the TCE and cis-1,2-DCE concentrations

- were all less than the corresponding MTCA Method A cleanup levels. Vinyl chloride was not detected in the soil samples tested.
- Based on the 1994 soil confirmation testing beneath the dry cleaner space, and the Phase II ESA boring soil sample results, PCE remains in soil in at least two locations beneath the building footprint (CB-4) and outside the building north of the dry cleaner space (FL358-B1 at 13 to 14 feet bgs) at concentrations greater than the MTCA Method A cleanup level. Figure 5 generally illustrates the distribution of dry cleaner solvents in soil at concentrations greater than MTCA cleanup levels. The full lateral and vertical extent of residual PCE in soil has not been assessed.
- Detections of PCE, TCE and cis-1,2-DCE in soil appear to be related to a past release(s) associated with the former on-site dry cleaner. Spent dry cleaning solvent such as PCE would be considered an F002-listed Dangerous Waste under the State Dangerous Waste Regulations Chapter 173-303 WAC. Soil from the Site with detections of PCE, or its degradation products TCE and/or cis-1,2-DCE, that may be excavated in the future would likely also classify as F002-listed Dangerous Waste necessitating special handling, transport, tracking and disposal. Soil from the saturated zone within the area where groundwater has detectable concentrations of dry cleaning solvents (see below), would likely also be classified as dangerous waste.
- Relatively low concentrations of the following VOCs were detected in one or more of the October 2017 soil samples (Table 1): 2-butanone (MEK), acetone, carbon disulfide, and p-isopropyltoluene. The detected concentrations of these VOCs were significantly less than MTCA cleanup levels, where established, and therefore were not considered further with regard to the Phase II ESA conclusions. These compounds are suspected to be related to laboratory procedures or laboratory or field sampling variability. Lube oil-range petroleum hydrocarbons (FL358-MW1-1.5-2.5, 100 mg/kg and FL358-MW1-5-6, 79 mg/kg), benzene (FL358-B1-5-6, 0.0010 mg/kg) and ethylbenzene (FL358-B3-12-13, 0.0014 mg/kg) were also detected but at very low concentrations that are just slightly above laboratory detection limits and significantly less than MTCA cleanup levels and therefore were not considered further with regard to the Phase II ESA conclusions for the vicinity of the former dry cleaner.

Groundwater

- The depth to groundwater measured in the existing and new monitoring wells in October 2017 ranged from 7.2 to 7.5 feet bgs.
- Five monitoring wells in close proximity to the former dry cleaner (FL358-MW1, FL358-MW2, FL358-MW3 [sampled in duplicate], FL358-MW4 and Y Pay Mor-MW3) were analyzed for the dry-cleaning solvent PCE and breakdown products TCE, cis-1,2-DCE and vinyl chloride (Table 2). PCE, TCE and cis-1,2-DCE were detected in the October 2017 sample from FL358-MW1; the detected concentrations were less than the corresponding MTCA Method A/B cleanup levels. Cis-1,2-DCE only was detected in two additional monitoring well samples, FL358-MW4 and Y Pay Mor-MW3; the detected concentrations were less than the MTCA Method B cleanup level.

The October 2017 result for cis-1,2-DCE at Y Pay Mor-MW3 (0.20 μ g/l), was approximately an order of magnitude lower than the cis-1,2-DCE concentrations reported for Y Pay Mor-MW3 based on 1997 sampling of this well (see Figure 4). Although dry cleaning solvents were not detected in the Phase II ESA groundwater samples at concentrations greater than MTCA cleanup levels, groundwater directly beneath the former dry cleaner space was not assessed during the study and was previously documented to exceed the MTCA Method A cleanup level for PCE, generally as shown in Figure 6. The prior remediation system (SVE) is believed to have only been used to treat areas of soil beneath the building footprint.

- Groundwater from the Site with detections of PCE or its breakdown products TCE and/or cis-1,2-DCE that may be recovered in the future through dewatering would likely classify as F002listed Dangerous Waste necessitating special handling, transport, tracking and disposal/discharge.
- PCE, TCE and cis-1,2-DCE were not detected in the downgradient groundwater samples obtained in October 2017 from the south margin of FL358 and on FL363 (grab water samples from FL363-B4, FL363-B5, FL363-B6 and FL363-B7 and monitoring well samples from ARCO-MW31 and ARCO-MW32 and ARCO-MW37), as illustrated in Figure 6.

Potential Off-site Sources - ARCO

The ARCO parcel (identified as FL365) is surrounded to the north, west and east by subject parcel FL363. A release of gasoline from the ARCO UST system was discovered in 1991. Widespread gasoline impacts from the ARCO release were identified in soil and groundwater on the ARCO parcel and adjacent and surrounding parcels including downgradient locations to the south and southwest. The extent of the ARCO-related gasoline plume limits in groundwater as of 2015, based on reports available in Ecology's file, is illustrated in Figure 2 and was interpreted at that time to extend west and north of the ARCO parcel onto FL363. In-situ cleanup methods, primarily fluids or vapor extraction technologies, were used at various times in the past through 2012. Documents in Ecology's file for the ARCO Site include a May 2012 "Further Action" letter and a 2014 Remedial Investigation (RI) Work Plan. The ARCO Site was entered into Ecology's Voluntary Cleanup Program (VCP) as of 2000; however, the ARCO Site was terminated from the VCP in February 2017.

Field Explorations, Sampling and Chemical Analytical Testing

Soil and groundwater on the subject property in the vicinity of the ARCO located on the adjacent property were assessed for the Phase II ESA study by obtaining soil and grab water samples from four new exploration borings (FL363-B4, FL363-B5, FL363-B6 and FL363-B7) and sampling groundwater from three previously installed monitoring wells: ARCO-MW31 on FL363, and ARCO-MW32 and ARCO-MW37 on FL358. The primary purpose of the sampling was to evaluate the current extent of petroleum-related impacts in soil and groundwater resulting from the gasoline release at the ARCO service station. Phase II ESA explorations FL363-B4, FL363-B5, FL363-B6 and FL363-B7 were situated to evaluate the extent of the plume to the north/northwest and east of the ARCO parcel.

Below is a summary of key findings relative to the subject property Phase II ESA objectives for the ARCO Site. Phase II ESA analytical results are summarized in Tables 3 and 4 and illustrated in Figures 5 and 6.

Soil

- Thirteen soil samples from four explorations completed on FL358 and FL363, north/northwest and east of the ARCO parcel were analyzed for petroleum hydrocarbons, BETX and other VOCs, PAHs and select metals. Depths sampled ranged from 5.5 to 19 feet bgs. Gasoline-range hydrocarbons, BETX constituents and/or common gasoline-related VOCs (e.g., trimethylbenzenes, isopropylbenzenes, isopropyltoluene, butylbenzenes, and naphthalenes) were detected in eleven different soil samples from the four borings (Table 3). The detected concentrations exceeded the corresponding MTCA Method A cleanup levels in the following three samples from two of the four borings: FL363-B4-11-12 (gasoline-range hydrocarbons 73 mg/kg), FL363-B4-12-13 (gasoline-range hydrocarbons 1,300 mg/kg and xylenes 22.8 mg/kg), and FL363-B5-11.5-12.5 (gasoline-range hydrocarbons 500 mg/kg and ethylbenzene 11 mg/kg). The presence of gasoline-related soil contamination greater than MTCA cleanup levels at these locations and depths is not unexpected based on results from the prior ARCO studies. Soil sample results at FL363-B6 and FL363-B7 located directly east of the ARCO parcel did not identify gasoline-related constituents at concentrations greater than MTCA cleanup levels. This finding is consistent with the prior studies and available groundwater plume data indicating that the ARCO release did not extend offsite to the east of the ARCO parcel at concentrations greater than MTCA cleanup levels.
- Diesel and/or lube oil-range petroleum hydrocarbons and a limited number of non-carcinogenic PAHs commonly associated with petroleum hydrocarbons were detected in eight soil samples from three of the four borings at concentrations less than MTCA Method A cleanup levels. These detections may be related to the ARCO service station, or to stormwater conveyance system leaks or fill material.
- Relatively low concentrations of the following other VOCs were detected in one or more of the
 October 2017 soil samples (Table 3): 2-butanone (MEK), acetone and carbon disulfide. The
 detected concentrations were significantly less than MTCA cleanup levels. The compounds are
 suspected to be related to laboratory procedures or variability and therefore were not
 considered further with regard to the Phase II ESA conclusions.

Groundwater

- The depth to groundwater measured in the existing ARCO monitoring wells located on the subject property in October 2017 ranged from 9.7 to 12.4 feet bgs.
- Gasoline-range hydrocarbons, BETX constituents and/or common gasoline-related VOCs
 (e.g., trimethylbenzenes, propylbenzenes, butylbenzenes, isopropyltoluene, and naphthalenes)
 were detected in the October 2017 groundwater samples from FL363-B4 and FL363-B5 (Table

- 4). The detected concentrations exceeded the corresponding MTCA Method A cleanup levels as follows: FL363-B4 (gasoline-range hydrocarbons 24,000 µg/l; 1,3,5-trimethylbenzene 230 µg/l; naphthalenes 233 µg/l; and total xylenes 2,800 µg/l) and FL363-B5 (gasoline-range hydrocarbons 7,200 µg/l and benzene 510 µg/l). The presence of gasoline-related groundwater contamination greater than MTCA cleanup levels at these locations had not been previously documented based on the prior ARCO studies; however, the results are not unexpected given the proximity of the ARCO gasoline USTs at the north end of the ARCO parcel near FL363-B5 and the potential for contaminant migration via preferential utility pathways that may exist in the FL363 access road. Figure 2 shows revised plume boundaries based on interpretation of the most recent 2017 groundwater sampling data from FL363 and FL358 as well as other nearby FWLE parcels.
- Gasoline-related constituents were not detected in the groundwater samples from FL363-B6, FL363-B7, ARCO-MW-31, ARCO-MW-32 and ARCO-MW-37 (Figure 6). These findings are generally consistent with the prior studies and available groundwater plume data.
- Diesel- and/or lube oil-range petroleum hydrocarbons were detected at concentrations greater than MTCA Method A cleanup levels in groundwater samples from FL363-B4 and FL363-B5. Laboratory reports indicate that the diesel-range petroleum hydrocarbon results for these samples are due to gasoline extending in to the range quantified as diesel. Select PAH compounds (other than naphthalenes) were also detected at concentrations less than MTCA Method A cleanup levels in sample FL363-B4.
- Diesel- and/or lube oil-range petroleum hydrocarbons were detected at concentrations less than MTCA Method A cleanup levels in groundwater samples from FL363-B6, ARCO-MW32 and ARCO-MW37. These detections may be related to the ARCO service station or to other possible sources such as stormwater or fill.
- The VOC 1,3-dichlorobenzene was detected in one groundwater sample: FL363-B6 (0.31 μ g/l). There is no published MTCA cleanup level for this compound in groundwater. The source of this VOC is unclear and would require additional sampling and analysis to evaluate further.
- Total lead was detected in all four grab groundwater samples at concentrations ranging from 29 to 180 μg/l, greater than the MTCA Method A cleanup level of 15 μg/l. Grab groundwater samples analyzed for total lead may be influenced by suspended sediment in the samples. Total lead was either not detected or was less than the MTCA Method A cleanup level in the three ARCO groundwater monitoring well samples collected for the Phase II ESA.

Sound Transit Acquisition and Future Construction Recommendations

Based on current design information for the FWLE project (HDR, provided in October 2017), Sound Transit plans to acquire parcels FL358, FL361 and FL363 and in full, with building impacts to existing structures. Sound Transit's proposed construction and development on the property includes portions

of the future Federal Way Transit Center and parking garage, new roads and utilities, a large stormwater vault and the light rail track, columns and guideway structure. The proposed footprint of the new structures is shown in Figure 3. Proposed construction and development activities by Sound Transit could change as project design is refined.

Assessment of fill as a potential source of contaminants on the subject property is planned in the future and will be presented in a future deliverable. Also, additional assessment of potential TSP impacts is planned for portions of the subject property not explored during the Phase II ESA. The data collected during this Phase II ESA effort will be evaluated with sample data obtained from the remainder of the property and summarized in a future deliverable.

Acquisition Conclusions and Recommendations

- The findings of the Phase II ESA indicate that a remediation cost estimate for cleanup is necessary for FL358, FL361 and FL363 for Sound Transit's acquisition because contaminants of concern related to a former on-site dry cleaner (Y Pay Mor Dry Cleaner) with a past documented release of PCE to soil and groundwater were confirmed to remain at concentrations greater than MTCA Method A cleanup levels in the vicinity of the former dry cleaner, and remain beneath the building footprint where the dry cleaner was located according to the Restrictive Covenants (see Section 1.3.1 and copies of the Restrictive Covenants in Appendix C).
- We recommend resampling of the permanent monitoring wells on the subject property to assess seasonal variability. Additionally, the permanent monitoring wells should be surveyed and depth to groundwater measurements obtained to assess groundwater gradient.
- We recommend a remedial investigation data gaps evaluation be completed to identify the site characterization data gaps that would need to be filled in order to evaluate remedial alternatives and select a preferred cleanup remedy under MTCA. Site investigation data gaps include the lateral and vertical extent of residual PCE and related compounds in soil and groundwater, hydrogeologic conditions relative to potential shallow and deeper aquifer systems, the potential for contaminant migration via preferential pathways such as underground utility corridors or fill, as well as the potential for indoor air vapor intrusion relative to the existing shopping center building.
- The Phase II ESA generally confirmed that the southern/southwestern downgradient extent of PCE and related contaminants in groundwater is within approximately 100 feet or less of the former dry cleaner location on FL358 and potentially FL363, and does not appear to extend onto the southern/southwestern-adjacent Wendy's restaurant parcel (FL360) at concentrations greater than MTCA Method A cleanup levels.
- Sound Transit's acquisition and redevelopment on the property will need to consider the 1995 and 1998 Restrictive Covenants that are recorded for the subject property and appear on the recent title report (Appendix C). Among the requirements of the covenants, the 1998 Covenant

- prohibits activities that interfere with the integrity of the remedial action and continued protection of human health and the environment.
- We recommend Sound Transit consult with real estate and environmental legal counsel with respect to the potential purchase of the property, given the recorded covenants and their requirements, as well as potential cleanup cost recovery under MTCA.
- If Sound Transit acquires the property, we recommend that Sound Transit determine Ecology's expectations relative to the former dry cleaner Site, because MTCA and industry practices in relation to NFA determinations and institutional controls have evolved and changed since 1998. For example, we were unable to determine if Ecology has conducted a Periodic Review of the Y Pay Mor Site cleanup, as required in WAC 173-340-420. Under this section of MTCA, Ecology typically considers the effectiveness of the completed cleanup, as well as new information about current and project site uses. Consultation with Ecology also is recommended because the 1998 covenant prohibits any activity that may result in the release or exposure of hazardous substances that remain on the property without prior written approval from Ecology.
- The Y Pay Mor Dry Cleaners is identified in Ecology's confirmed and suspected contaminated sites database. The Phase II ESA findings do not indicate evidence of a new MTCA release, in our opinion.
- The Phase II ESA identified gasoline-related contaminants in soil and groundwater likely related to the ARCO Site. Appropriate cleanup methods and associated costs are directly tied to cleanup of the source property (ARCO). A remediation cost estimate for the subject property should be developed based on cleanup cost estimates for the ARCO MTCA Cleanup Site.

Future Construction Recommendations

- An environmental cost estimate will be necessary for Sound Transit's planned construction because dry cleaner-related impacted soil and groundwater will likely be encountered beneath and in the vicinity of the former dry cleaner. Additionally, petroleum-impacted soil and groundwater are anticipated near the ARCO Site, and potentially may be present in other locations on the subject property, from potential sources including fill or contaminants associated with stormwater.
- We recommend that fill, presumably placed to level out historic drainage features previously located on the subject property, be further evaluated for potential fill-related contaminants because there is extensive future excavation planned on the subject property associated with the stormwater vault and other proposed features. Excavation will generate soil that may not be suitable for reuse on the subject property or in another area of the FWLE project. The historic drainage features include a drainage channel approximately as shown in Figure 2 and a historic topographic low that existed in the southwestern portion of FL358 as of 1974, before the shopping center development.

- Sound Transit will need to carefully consider the sequencing of the dry cleaner Site cleanup in relation to future redevelopment excavation, backfilling and potential dewatering, to minimize potential recontamination occurrences, and to mitigate the potential for redevelopment to exacerbate existing contamination or contamination migration and result in added costs to Sound Transit.
- As noted in the Findings discussion above, soil and groundwater with detections of spent dry
 cleaning solvent such as PCE and related breakdown products would be considered an F002listed Dangerous Waste (Chapter 173-303 WAC) if excavated or removed during future property
 redevelopment, necessitating added costs for handling, testing, transport, tracking and
 disposal/discharge.
- We recommend an impacted soil and groundwater handling plan be prepared prior to construction activities that outlines soil segregation, handling, stockpiling, and end use/disposal, as well as groundwater handling procedures for fluids recovered by dewatering. Follow-up chemical analytical testing will likely be needed for waste profiling and discharge/disposal waste acceptance and permitting. Ecology's "Guidance for Remediation of Petroleum-Contaminated Soil" should be used as a guidance document for soil handling end use options for petroleum-related soil impacts. Additional regulatory requirements will apply if dry cleaner-related chlorinated solvents, which may classify as a F002-listed waste under the State Dangerous Waste Regulations are encountered in excavated soil or in groundwater recovered during dewatering.

The table below summarizes the Phase II ESA findings for the former dry cleaner and the ARCO Sites, and potentially impacted fill, relative to Sound Transit's proposed acquisition and future construction.

Potential Sources of Contamination	Acquisition	Potential Source Within Construction Area	Contaminated Soil and Groundwater Present	Impacted Soil and Groundwater Present	Remedial Cost Estimate Necessary For Acquisition	Remedial Cost Estimate Necessary For Construction
On-Site Sources: Former Y Pay Mor Dry Cleaner	Yes	Yes	Yes	Yes	Yes	Yes
Other On-site Potential Sources: Fill of unknown origin	Yes	Yes	Further assessment recommended	Further assessment recommended	Not likely	Potentially needed
Off-Site Sources: ARCO service station	Not on FL358, FL361 or FL363	Not on FL358, FL361 or FL363	Yes	Yes	Yes	Yes

This Executive Summary should be used only in the context of the full report for which it is intended.

1.0 Introduction

This report presents the results of the Phase II Environmental Site Assessment (ESA) of the property at 2200 South 320th Street in Federal Way, Washington, contiguous King County Tax Parcels 2423200050, 2423200010 and 2423200060 identified by Central Puget Sound Regional Transit Authority (Sound Transit) as Federal Way Link Extension (FWLE) Parcels FL358, FL361 and FL363, respectively. The three parcels comprise 8.84 acres and are collectively referred to in this report as "subject property." Parcel FL358 is the largest of the 3 parcels (7.5 acres) and is developed with the Sea-Tac Plaza shopping center and parking built in 1979. The shopping center building comprises approximately 107,000 square feet. Parcel FL363 represents access roads into and through the shopping center, with a small portion used for parking. Parcel FL361, adjacent to the northeast corner of FL363, is used for additional shopping center parking. Prior to the shopping center, parking and access roads being developed, there were three small, rural residences on the subject property in the late 1940s and 1950s and a drainage channel extended through a portion of the subject property.

The adjacent Wendy's restaurant, Sound Credit Union, Denny's, ARCO and a bank are each on separate parcels with different ownership and are not part of the subject property.

A MTCA Cleanup Site known as the Former Y Pay Mor Cleaners is part of the subject property; the dry cleaner was previously located at the eastern end of the shopping center building.

The subject property is shown relative to surrounding physical features on the Vicinity Map, Figure 1. The layout of the subject property and surrounding properties is shown on the Site Plan, Figure 2. Sound Transit's proposed construction and development include the future station, a parking structure, a stormwater vault, elevated tracks and columns, parking, roads and sidewalks (Figure 3). Proposed construction and development activities by Sound Transit could change as project design is refined.

The results of this Phase II ESA will be used by Sound Transit as part of their evaluation of potential environmental liabilities associated with ownership of the property and future design and construction of the FWLE. This report has been prepared for the exclusive use of Sound Transit, their agents and project design team. Because this environmental report is not intended for use by others, no one else should rely on this report without first conferring with GeoEngineers.

Throughout the report, references to "the FWLE", the "project", the "proposed project", "the alignment," or the "light rail corridor" refer to the alignment selected by the Sound Transit Board in January 2017 after publication of the FEIS.

1.1 FWLE Project Description

Sound Transit intends to extend light rail between the cities of SeaTac and Federal Way, through the Federal Way Link Extension Preferred Alternative route. The Sound Transit 2 (ST2) Plan, approved by

voters in 2008, included environmental study and design of this extension. This 7.8-mile extension would extend light rail south from the Angle Lake Station terminus of the Central Link system at South 200th Street in SeaTac to the Federal Way Transit Center (FWTC) at South 317th Street. The FWLE would travel within the cities of SeaTac, Des Moines, Kent, and Federal Way in King County.

Link Light Rail is currently operating between University of Washington, Seattle and Sea-Tac International Airport. In 2008 the ST2 program was approved by voters. This package added nearly 36 new miles of service to the north, south, and east, to Sound Transit's (ST) initial light rail line, resulting in 55 miles of light rail open for revenue service by 2023. The ST2 program of projects includes construction of light rail from the Angle Lake Station, just south of SeaTac Airport, to Kent/Des Moines Station. ST2 funds were also programmed to provide environmental clearance and preliminary engineering design to downtown Federal Way.

In June 2016, the ST Board unanimously approved to move forward with a November 2016 ballot asking taxpayers to fund Sound Transit 3 (ST3) which was subsequently passed by the taxpayers. ST3 funds the remaining segments from Kent/Des Moines station to the FWTC. Revenue service to the FWTC Station is targeted to open by 2024.

1.2 Authorization

This report was prepared under the terms of the subcontract between HDR and GeoEngineers, Inc. (GeoEngineers) dated August 24, 2012, along with Amendments 1 through 9. The subcontract authorizes GeoEngineers to provide environmental services for the Sound Transit Federal Way Link Extension in accordance with Agreement No. RTA/AE 044-12 between HDR and Sound Transit.

1.3 Site History and Summary of RECs

An on-site former dry cleaner on subject parcel FL358 and an off-site adjacent service station (ARCO) were identified as recognized environmental conditions (RECs) for the subject property in the March 2017 Phase I ESA. Both are identified in Ecology databases as MTCA cleanup Sites as follows:

- Y Pay Mor Dry Cleaner, also known as Sea Tac Plaza, 2210 S. 320th Street, Cleanup Site ID 3180, Facility Site ID 2518. "No Further Action" status as of 1998 with an environmental covenant.
- ARCO 5241, also known as C&C Arco, 2202 S. 320th Street, Cleanup Site ID 6171, Facility Site ID 49513627. "Cleanup Started" status.

A detailed summary of environmental assessment, cleanup history and regulatory status associated with each of these Sites is presented below in Sections 1.3.1 and 1.3.2. The Phase II ESA for the subject property assessed soil and groundwater conditions in relation to documented past releases at both of these Sites.

Relative to the Tacoma Smelter Plume, we note that the subject property is mapped by Ecology as being in an area where Tacoma Smelter Plume impacts (e.g., arsenic and lead in surface soil) are

expected to be less than the MTCA Method A cleanup levels; soil sampling was conducted during the subject property Phase II ESA to confirm this information and additional sampling and evaluation of potential TSP impacts to soil will be completed in the future.

The Phase I ESA noted the presence of fill in the vicinity of the subject property, based on observations made during geotechnical explorations conducted along the FWLE corridor. Assessment of fill as a potential source of contaminants on the subject property is planned in the future.

1.3.1 Former Y Pay Mor Dry Cleaners

The FL358 shopping center was built in 1979. Y Pay Mor Dry Cleaners was a tenant in the subject property shopping center between approximately the late 1980s and 1994, according to available historical city directories and information in Ecology files. Available information indicates the Y Pay Mor Dry Cleaner was located at the east end of the Sea-Tac Plaza shopping center building, approximately as indicated in Figure 2. The dry cleaner used the address 2210 Southwest 320th Street.

Ecology files for the Former Y Pay Mor Dry Cleaners were requested in October 2016 and in September 2017; a copy of Ecology's file is included in Appendix C. Based on our review of the documents provided, it is apparent that Ecology's file was missing complete copies of relevant site assessment and cleanup reports for the dry cleaner.¹; as of the publication of this Phase II ESA report, Ecology is searching their archival records for full copies of prior reports. In the meantime, the following is a summary of Y Pay Mor Dry Cleaners site assessment and remediation activities, based on our interpretation of the available documents provided by Ecology as of September 2017.

- A spill of tetrachloroethylene (PCE) occurred inside the dry cleaner business in 1991 and was initially responded to by the Fire Department, due to the report of hazardous vapors inside surrounding tenant spaces. The spill was reported to be PCE sludge that overflowed from a 5-gallon bucket onto the concrete floor beneath the dry-cleaning equipment located along the west wall of the tenant space. The quantity of PCE spilled was not determined; however, one Fire Department report indicates it was approximately 10 gallons and an Ecology report indicates it was 6 gallons. The liquid/sludge spilled onto the floor was cleaned up by a hazardous waste vendor (ChemPro) and the cleanup wastes (i.e., sorbants, etc) were profiled and disposed by Chempro. The Fire Department notified Ecology of the release.
- RCRA waste manifests dated between 1987 and 1992 for Y Pay Mor Cleaners (Generator), indicate that waste PCE was generated in each of these years and transported by Safety-Kleen for recycling.
- RZA-AGRA (known later as AGRA Earth and Environmental) conducted an initial site assessment

¹ Ecology file correspondence indicates the following reports had been submitted to Ecology at one time (however, only excerpts of these reports were actually included in the public records requests made to Ecology in 2016 and 2017): "Preliminary Remedial Investigation," prepared by RZA AGRA, Inc. dated November 1992; "Remediation System Installation" prepared by RZA AGRA Inc. dated October 1993; Independent Remedial Action Report prepared by AGRA Earth and Environmental Inc. dated December 22, 1994.

of soil and groundwater conditions at the dry cleaner in approximately October 1992. RZA-AGRA figures indicate two floor drains and a former drain line in the dry cleaner space, nearest to the west wall of the space (Figure 4). Approximately 4 borings (identified as BW-1 through BW-4) were completed inside the dry cleaner space in June 1992. At least 3 additional borings were completed beneath the floor slab of the dry cleaner space and surrounding the building in October 1992. The number of October 1992 borings and their exploration names are not entirely clear from available records; however, two of the exterior borings were completed as monitoring wells, one located east of the building (B-5/MW-2, identified as Y Pay Mor-MW2 in this report) and one located south of the building in a downgradient location (B-11/MW-3, identified as Y Pay Mor-MW3 in this report). In addition, a groundwater sample was obtained in 1992 from B-12, which was apparently completed nearest to the 1991 spill location inside the building.

- The 1992 groundwater sample at B-12 had 1,700 µg/l PCE; the MTCA Method A cleanup level for PCE in groundwater is 5 µg/l. PCE and TCE were tentatively identified (concentration not quantified) in a groundwater sample from Y Pay Mor-MW3 in October 1992 and cis-1,2-dichloroethene (cis-1,2-DCE a common degradation product of PCE) in this sample was 7 µg/l. PCE, TCE and cis-1,2-DCE were not detected in the October 1992 Y Pay Mor-MW2 groundwater sample. Y Pay Mor-MW3 was resampled in November 1992; PCE was not detected, TCE was 2.3 µg/l and cis-1,2-DCE was 6.6 µg/l.
- A soil vapor extraction system (SVE) was installed beneath the dry cleaner space in 1993. The
 SVE apparently utilized 7 vapor treatment wells to treat soil beneath the concrete floor slab of
 the dry cleaner space (Figure 4). The wells were connected via underground piping to an
 equipment enclosure located outside the building at the north end. The SVE system reportedly
 operated for approximately 1.5 years and was turned off in 1994. RZA-AGRA indicated that the
 system had removed approximately 4 pounds of PCE from the subsurface, based on vapor
 monitoring data.
- Y Pay Mor-MW2 and Y Pay Mor-MW3 were resampled in June and November 1994 and PCE and TCE were not detected. Only cis-1,2-DCE was detected in the Y Pay Mor-MW3 groundwater samples obtained in 1994. Reported depth to groundwater in these wells was generally about 8 feet bgs.
- Ecology's file contains a table of confirmation soil sample results completed inside the dry cleaner space in November 1994; seven borings (identified as CB-1 through CB-7 in Figure 4) were completed and one soil sample (from depths between 5 and 8 feet below ground surface [bgs]) from each boring was submitted for chemical analysis. PCE was not detected in six of the samples; the concentration of PCE in one sample from CB-4 (sample identification was B-4/A-1 at 5.0-6.5 feet) was 1.3 mg/kg, greater than the current MTCA Method A cleanup level of 0.05 mg/kg. This boring was located beneath the east end of the building, in the western

- portion of the dry cleaner space. Cis-1,2-DCE was detected in four of the seven soil samples at concentrations less than the current MTCA Method B cleanup level of 160 mg/kg.
- In 1994, RZA-AGRA submitted an independent cleanup action report to Ecology requesting a No Further Action (NFA) determination. Ecology issued an interim NFA (Ecology 1995) conditional on the recording of a restrictive covenant and additional groundwater monitoring at Y Pay Mor-MW3. A restrictive Covenant dated September 1995 was filed under King County recording number 9510121424 and is signed by SeaTac Plaza Limited Partnership/Tri-Center Associates/Caseta Corporation. The 1995 covenant documents that residual concentrations of solvents remained in soil and groundwater at the Site at levels exceeding MTCA Method A cleanup levels. The 1995 covenant specifically notes PCE at a depth of 5 to 6.5 feet bgs at boring B-4 (CB-4), and cis-1,2-DCE at a depth of 6.5 to 8 feet bgs at boring B-5 (CB-5). Groundwater contamination was reported at B-12, beneath the former Y Pay Mor facility. The 1995 covenant documents the requirement for 3 years of semiannual groundwater sampling prohibits interfering with groundwater monitoring wells. The interim NFA letter is dated June 9, 1995 and is addressed to Ms. Melody Westerdal of The Norman Company (property management).
- The results of two 1997 groundwater sampling events at Y Pay Mor-MW3 were included in the Ecology file. PCE and TCE were not detected in the 1997 samples and cis-1,2-DCE was detected at concentrations of 1.82 and 3.63 μ g/l, less than the corresponding MTCA Method B cleanup level of 80 μ g/l in effect at that time (the current MTCA Method A cleanup level is 16 μ g/l).
- Ecology issued a final NFA for Y Pay Mor Dry Cleaners in October 1998 (Ecology 1998), conditioned on a second Restrictive Covenant dated July 24, 1998 that was signed by SeaTac Plaza Corporation and recorded on August 10, 1998 under King County recording number 9808101434. The 1998 covenant applies to Parcel 242430-0050-00 (FL358). The 1998 covenant outlines the conditions required to preserve Ecology's NFA determination for the former dry cleaner Site, including prohibiting activities that interfere with the integrity of the remedial action and continued protection of human health and the environment, and prohibiting any activity that may result in the release or exposure of hazardous substances that remain on the property without prior written approval from Ecology. The October 1998 letter is addressed to Rich Gamiba, Citibank.
- Ecology's file does not contain any soil or groundwater sampling results for the Site after 1997.
- Two sets of correspondence in Ecology's file related to potential sale of the subject property:
 - Documents dated December 1998 indicate that Sea-Tac Plaza Corporation was the property owner at the time and the property was going to be sold to DGC II LLC.
 - Documents dated July 2014 indicate the property owner at the time was Byung Chan Park and the property was going to be sold to Troy Gessel.

The 2016 title report reviewed for the Phase I ESA (copy provided in Appendix C) includes the following recorded documents pertaining to hazardous substances:

- The 1995 Restrictive Covenant, King County recording number 9510121424.
- The 1998 Restrictive Covenant, King County recording number 9808101434.
- Exhibit A of the August 2014 Statutory Warranty Deed between Byung Chan Park and Young Su Park (Grantors) and Winson at Federal Way LLC includes reference to both the 1995 and the 1998 restrictive covenants described above.
- A Hazardous Substances Agreement between Winson at Federal Way LLC (Grantor) and East West Bank (Grantee) dated August 25, 2014. This agreement pertained to all three subject property parcels.

1.3.2 ARCO Gas Station

The ARCO gas station was built in 1975. The ARCO parcel is almost entirely surrounded by the FL363 subject parcel. The FL363 shopping center access roads border the ARCO service station (ARCO facility 5241) to the west, north and east. South 320th Street borders the service station to the south (Figure 2).

Below is an abbreviated summary of pertinent assessment and interim cleanup actions completed at the ARCO Site based on our review of previous environmental reports on file at Ecology as of November 2016 and a recent communication in September 2017 Ecology's Site Manager. The discussion below pertains to the ARCO "Site," which represents areas contaminated from the ARCO UST release, both on and off the ARCO parcel. Previous exploration locations are presented in Figure 2; pertinent excerpts from previous reports are presented in Appendix C.

- A release of gasoline from the ARCO UST system was discovered in 1991 during replacement of the original (circa 1975) three service station USTs with four new double-walled fuel USTs. The approximate limits of the 1991 UST excavation (and current location of the four fuel USTs) are shown in Figure 2. Prior reports have not stated the volume of gasoline released from the leaking UST.
- A limited quantity of contaminated soil from surrounding the USTs, approximately 1,000 cubic yards, was excavated and was treated on the property before subsequently being transported to either a permitted landfill or to another ARCO property for disposal or additional treatment. Contaminated soil remaining at the limits of the 1991 UST excavation was not further excavated in 1991, reportedly because of the close proximity of the property boundary. At that time, six monitoring wells (MW-1 through MW-6) were installed in and around the ARCO USTs; one of these wells, MW-4, is situated on FL363 (Figure 2).
- Widespread impacts from the UST release were identified based on the results of the 1991 soil and groundwater sampling explorations. Contaminants identified in soil and groundwater samples at concentrations greater than applicable cleanup levels in place at the time included

benzene, gasoline-range hydrocarbons, and non-halogenated VOCs.

- Supplemental assessment was conducted on the ARCO property and surrounding properties and rights-of-way in the late 1990s and early 2000s to assess the extent of contaminated soil and groundwater associated with the ARCO Site. Supplemental assessment included: 36 direct-push explorations along a sewer alignment in South 320th Street, three borings near the Verizon Wireless store to the south across South 320th Street (STMW-1 through STMW-3), 14 groundwater monitoring wells (MW-7S/MW-7D through MW-13S/MW-13D) along South 320th Street, eight monitoring wells (MW-16 through MW-23) on the SeaTac Mall/Federal Way Commons property, and fifteen monitoring wells (MW-24 through MW-37 and MW-16R) on the ARCO and adjacent properties. Note that ARCO-MW32 and ARCO-MW37 are situated on the southern portion of FL358 (Figure 2) and ARCO-MW31 is east of the service station on FL363 (Figure 2).
- Concentrations of petroleum hydrocarbon constituents exceeded corresponding MTCA Method
 A cleanup levels in soil samples obtained within the UST excavation from 8 to 14 feet bgs, the
 UST piping excavation at 3 feet bgs, in borings completed on the ARCO property at 10 feet bgs,
 in a monitoring well south of South 320th Street at 5 feet bgs, and in soil probes situated west of
 the ARCO property (e.g., Denny's) from 8 to 11 feet bgs.
- Quarterly groundwater monitoring has generally been conducted in select monitoring wells since 1991. Quarterly groundwater monitoring identified liquid phase hydrocarbons (LPH) in select wells on the downgradient Denny's, Sound Credit Union and Verizon Wireless properties (Figure 2) at times in the past. Depth to groundwater has generally been less than 15 feet bgs. The groundwater gradient beneath the ARCO site was consistently reported to be toward the west-southwest. Shallow and deep water-bearing zones were identified in the area south of South 320th Street (see Section 3.1.2).
- Interim cleanup actions utilizing various in-situ technologies were conducted between 2001 and 2004 and in-situ remediation continued on the ARCO and Denny's properties from 2005 up to apparently 2012. Cleanup technologies that have been used at various times have included enhanced fluid recovery (EFR) in the deep aquifer zones, biosparging/bioventing in the shallow aquifer zone, free product recovery and dual-phase extraction (DPE). EFR, a technology designed to remove contaminated groundwater and free product (if present), was conducted between 2001 and 2005 using wells located north and south of South 320th Street. Dual phase extraction (DPE), a technology designed to remove soil vapors, contaminated groundwater, and free product (if present), was performed in 2002 using extraction wells on the SeaTac Mall property south of South 320th Street. DPE using extraction wells EX-3 through EX-6 reportedly occurred from 2003 to 2012. Bioventing/biosparging, a technology designed to remove soil vapors and free product (if present), was performed in 2004 using wells south of South 320th Street. Available previous reports have not presented quantities of groundwater, gasoline vapor, or free product recovered through interim cleanup actions at the Site. As of 2017, it does not appear that any in-situ cleanup technologies are currently operating.

- The mapped plume of gasoline-contaminated groundwater from the ARCO release as of 2015 is shown in Figure 2. Ecology files did not contain any groundwater sampling results after 2015.
 The interpreted plume boundaries have been modified somewhat based on the sampling results presented in this report as discussed in Sections 6.0 and 7.0.
- Regulatory correspondence in Ecology's file includes a May 2012 "Further Action" letter from Ecology to ARCO's consultant at the time (Antea). The letter indicates further remedial actions are necessary because characterization of the Site "is not sufficient to establish cleanup standards and select a remedial action" and because cleanup actions do not yet meet cleanup standards at the Site. No more recent Ecology correspondence was located after 2012.
- The Ecology file includes a 2014 Remedial Investigation (RI) Work Plan for the Site by Innovex (for ARCO/BP) developed to address remaining site characterization data gaps and identify an optimal remediation strategy for the Site (Innovex 2014). The RI has apparently not been completed.
- The ARCO Site was entered into Ecology's Voluntary Cleanup Program (VCP) as of 2000
 https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=6171

 However, the Ecology site manager
 Heather Vick indicated the VCP agreement for the ARCO Site was terminated in February 2017
 at BP's request.

1.4 Purpose and Scope of Services

The purpose of the Phase II ESA is to assess current soil and groundwater conditions relative to Sound Transit's proposed acquisition and construction on the subject property. The Phase II ESA was not intended to identify and evaluate all soil and groundwater characterization data gaps associated with the two known sources of contamination associated with the subject property. Furthermore, the Phase II ESA was not intended as a dry cleaner remedial investigation to meet the current standard of practice for a MTCA Remedial Investigation.

GeoEngineers' scope of services consisted of the following:

- 1. Performed a site reconnaissance of the property.
- 2. Developed a health and safety plan for use by our field representatives in accordance with WAC 296-24.
- 3. Coordinated the marking of subsurface utilities at the exploration locations by notifying the one-call locate service for underground utilities in public rights-of-way and a private utility locate service for underground utilities on private property.
- 4. Retained a drilling subcontractor to advance six soil borings using direct-push drilling technology, and four borings completed using sonic technology. Borings FL358-B1, FL358-B3, FL358-MW-1, FL358-MW-2, FL358-MW-3 and FL358-MW-4 were located in the vicinity of the former Y Pay Mor Dry Cleaners. Borings FL363-B4, FL363-B5, FL363-B6 and FL363-B7 were completed in the vicinity of the ARCO service station.

- 5. Obtained soil samples from each of the explorations. Field screened the soil samples for evidence of petroleum and volatiles using visual, water sheen and headspace vapor screening methods. Visually classified the samples in general accordance with ASTM D 2488 and maintained a detailed log of each boring.
- 6. Obtained one-time grab groundwater samples from temporary wells installed in the four direct-push borings FL363-B4, FL363-B5, FL363-B6 and FL363-B7 in the vicinity of the ARCO service station.
- 7. Install monitoring wells in the four sonic-drilled borings located on FL358 (the former Y Pay Mor Dry Cleaner).
- 8. Measured depth to groundwater and obtained groundwater samples from four new monitoring wells in the vicinity of the former dry cleaner (FL358-MW1, FL358-MW2, FL358-MW3 and FL358-MW4), one existing dry cleaner-related well on FL358 (Y Pay Mor-MW3), two ARCO monitoring wells located in the southern portion of FL358 (ARCO-MW32 and ARCO-MW37), and one ARCO monitoring well located east of the ARCO parcel in FL363 (ARCO-MW31).
- Submitted select soil and groundwater samples for chemical analysis of one or more of the
 following: gasoline-range petroleum hydrocarbons by NWTPH-Gx, diesel- and lube oil-range
 petroleum hydrocarbons by NWTPH-Dx, arsenic and/or lead by United States Environmental
 Protection Agency (EPA) Method 6000/7000 series, PAHs by EPA 8270D/SIM and/or VOCs by EPA
 Method 8260.
- 10. Evaluated the soil and groundwater sampling field and chemical analytical data relative to MTCA cleanup levels and naturally occurring background metals concentrations in Puget Sound region soil.

2.0 Site Description

2.1 Location and Property Description

General location and property description information for the subject property are summarized in Table 2-1 below. The location is shown relative to surrounding physical features in Figure 1. The current layout of the subject property and surrounding properties are shown in Figure 2.

Table 2-1. Subject Property Location and Description

Quarter/Quarter, Section,	SW/SW quarter of Section 9, Township 21, Range 4, Willamette			
Township and Range	Meridian			
Addrossos	Three addresses are associated with the shopping center: 2120, 2200			
Addresses	and 2210 South 320 th Street, Federal Way, King County, Washington			
Tax Parcel Numbers	King County Parcels 2423200050 (FL358), 2423200010 (FL361),			
Tax Parcer Numbers	2423200060 (FL363)			
Approximate Areas	FL358 is 7.52 acres			
	FL361 is 0.13 acres			
	FL363 is 1.19 acres			
	(Total 8.84 acres)			
	The currently-occupied retail shopping center buildings are situated on			
	FL358.			
Existing Use(s)	FL361 comprises landscaped and paved parking areas for the shopping			
	center.			
	No structures are situated on FL363, which includes paved access			
	roads and utility easements.			

2.2 Site Vicinity and General Characteristics

The subject property is located in an area of predominantly commercial land uses, including retail stores, restaurants and commercial offices. Figure 2 shows the configuration of the subject property and surrounding properties. A survey of the subject property presented in Appendix C indicates the locations of storm drain and sanitary sewer easements that cross portions of the subject property and may contribute to preferential pathways for contaminant migration in groundwater or soil vapor.

2.3 Site Reconnaissance and Interview

GeoEngineers personnel visited the subject property on October 2, 2017 to evaluate current conditions relative to previously identified RECs, and to assess the property for potential RECs not identified previously. Neither the owners nor an available site representative were on site to conduct an interview regarding site history and use. GeoEngineers did not enter any of the site buildings, and all observations were made from the surrounding driveways and parking lots.

No newly identified potential on-site sources of contamination were noted during the Phase II ESA

visual reconnaissance of the subject property in October 2017. Previously installed groundwater monitoring well Y PAY MOR-MW3 was located (Figure 2), while previous monitoring well Y PAY MOR-MW2 was not located and is assumed have either been removed or paved over. Monitoring wells previously installed for assessment of the past ARCO release were observed on the subject property including ARCO-MW31, ACRO-MW32, ARCO-MW37 and MW-4 (Figure 2). It is unclear whether remediation wells previously installed for the ARCO cleanup remain on the subject property.

Several pad-mounted, utility-owned electrical transformers are situated on the property with no observed staining on the ground surface or other evidence of spills or leakage. No surface features indicative of possible USTs were identified on the subject property during the recent site reconnaissance.

3.0 Physical Setting

3.1 Topography and Hydrogeologic Setting

The subject property is at an elevation of approximately 434 feet (North American Vertical Datum of 1988 [NAVD 88], sea level). Land surface at the site is generally flat. Our knowledge of the general physiographic setting, geology and groundwater occurrence in the vicinity of the subject property is based on our review of the available maps, our general experience in the area and our recent soil explorations. Subsurface conditions observed during our recent soil explorations are described in the following sections of this report.

3.1.1 Geologic Setting

Glaciation events in the Puget Lowland left thick deposits of glacially-derived and reworked sediments across the region. The upland plateau in the Project area was formed during the latest glacial epoch called the Vashon stade of the continental Fraser glaciation. The advance and retreat of the Vashonage Puget glacial lobe, approximately 14,000 to 10,000 years ago, deposited most of the near-surface materials and sculpted most of the present landforms within the Puget Lowland.

After the latest glaciation, Holocene period sediments were deposited over the glacial soils. These deposits typically consist of alluvial soils commonly found in river valleys as well as colluvial deposits (landslide materials) on slopes. Peat and other organic soils occur in numerous depressional areas at the surface. Some of these Holocene period sediments have been modified by human activity, including placement of undocumented landfill material in the Midway landfill and placement of roadway embankment fill for construction of I-5.

A 1949 topographic map shows a north to south extending drainage channel that appeared to extend onto the subject property; the approximate extent of the historic drainage channel is shown in Figure 2. The drainage channel was filled sometime in the past and current site grades are relatively flat. The base of the historic drainage channel is interpreted to represent an historic local topographic depression (subsequently filled). Geotechnical borings completed nearby in the vicinity of the drainage channel document the presence of fill with woody debris, and, in one boring, the presence of creosote odor. An area of the Sea-Tac Plaza parking area (FL358) also represented a local historic topographic low (subsequently filled) based on apparent standing water in that area shown in a 1974 aerial photograph. Portions of the filled drainage channel or other historic filled depressions may underlie portions of the subject parcels.

3.1.2 Groundwater Conditions

Based on previous environmental investigations completed at the subject property in connection with the former Y Pay Mor Dry Cleaners and the ARCO, groundwater is encountered at depths ranging from approximately 6 to 13 feet bgs, with static water levels approximately 5 to 10 feet deeper for wells completed between 20 to 30 feet bgs. The Innovex report (Innovex 2014) comments that:

"A single water-bearing zone has been identified on the ARCO property. West and south of the property two water-bearing zones are evident...at the southern property boundaries of the ARCO and Denny's Restaurant properties. Silt and clay encountered at the ARCO property transitions to inter-fingering layers of clay, silt, and silty sand, with increasing gravel content with depth. In the vicinity of MW-21, south of South 320th Street, a 5- to 13-foot-thick layer of silty gravel has been observed between 17 and 30 feet bgs in wells MW-19 to MW-22, corresponding with the deeper water-bearing zone."

Based on our review of previous reports, there appears to be hydraulic connectivity between the shallow- and deep- water bearing zones. The direction of shallow groundwater flow direction was reported to the west-southwest in prior reports related to the ARCO investigation.

Groundwater encountered in the FWLE project area may be grouped into one of three main aquifer types: unconfined, semi-confined and confined artesian. Unconfined aquifers may include groundwater within recent alluvium along streams and creeks, within recessional outwash that is perched above low-permeability glacial till, within discontinuous lenses of permeable layers in glacial till, or within advance outwash that is exposed at the ground surface. The semi-confined aquifer is present in the advance outwash where it is overlain by less permeable soils, but the groundwater level is below the confining layer, making the aquifer semi-confined. Confined aquifers encountered in the project area are either flowing artesian (elevated groundwater levels aboveground surface) or subartesian (elevated groundwater levels at or near ground surface). Groundwater in the vicinity is noted as being in a semi-confined aquifer type (GeoEngineers, January 2017).

Groundwater was measured at approximately 7.2 to 12.4 feet bgs based on groundwater monitoring data obtained from the subject property during the Phase II ESA.

4.0 Contaminants of Concern and Cleanup Levels

Potential contaminants in soil and groundwater are chlorinated VOCs associated with the historic upgradient dry cleaner release (Y Pay Mor Dry Cleaners) and petroleum hydrocarbon constituents associated with the ARCO gasoline release; specifically, gasoline-, diesel- and lube oil-range petroleum hydrocarbons, VOCs, PAHs and lead. Potential contaminants associated with the Tacoma Smelter Plume are lead and arsenic. Potential contaminants commonly associated with fill of unknown origin include petroleum-related constituents, PAHs and metals.

The chemical analytical data for samples obtained during this investigation were compared to the respective Model Toxics Control Act (MTCA) Method A cleanup levels. MTCA Method B cleanup levels were used for analytes where MTCA Method A cleanup levels are not established. Where appropriate, detected concentrations of metals in soil also were compared to naturally occurring background metals concentrations in Puget Sound region soil (Washington State Department of Ecology [Ecology], 1994).

For purposes of Sound Transit's property acquisition and future construction activities at FL358, FL361 and FL363, contaminated soil/groundwater and impacted soil/groundwater are defined as follows:

- 1. **Contaminated Soil/Groundwater**: Soil/groundwater containing concentrations of contaminants greater than applicable cleanup levels such as MTCA Method A Cleanup Levels for Unrestricted Use, or other relevant cleanup levels established by state, local, or federal regulation, law, or permit condition, if no Method A level has been developed.
- 2. Impacted Soil/Groundwater: Soil/groundwater containing detectable concentrations of contaminants that are less than applicable cleanup levels, specifically MTCA Method A Cleanup Levels for Unrestricted Land Use, or other relevant cleanup levels established by state, local, or federal regulation, law, or permit condition, if no Method A level has been developed. Also, soil containing detectable concentrations of total metals that are less than MTCA Cleanup Levels but greater than naturally occurring background metals concentrations in Puget Sound region soil (Ecology, 1994). Impacted soil/groundwater is not considered contaminated, but may be subject to regulatory requirements under the Dangerous Waste regulations, and restrictions or conditions for end use at off-site facilities and recovered groundwater may be subject to permit for sewer discharge limits and/or may require pretreatment.

It is important to note that releases of spent solvent from dry cleaning operations (such as PCE and its breakdown products including TCE and cis-1,2-DCE) are typically classified as F002-listed Dangerous Waste under the state Dangerous Waste regulations, Chapter 173-303 WAC. Soil or groundwater with detectable PCE or breakdown products, if excavated or removed through dewatering, would also be classified as F002-listed waste and subject to special requirements for handling, labeling, tracking and disposal/discharge.

5.0 Subsurface Explorations

5.1 General

The Phase II ESA explorations were completed as a pre-acquisition screening level assessment to characterize current soil and groundwater conditions relative to Sound Transit's planned acquisition and construction on the subject property. Contamination exists on the subject property related to a past release(s) of PCE at the former on-site Y Pay Mor Dry Cleaners and a release(s) of gasoline from USTs at the southern-adjacent off-site ARCO service station. The scope of the subject property Phase II ESA was developed to assess current conditions in accessible exterior areas of the property and broadly delineate, if possible, the extent of soil and groundwater contamination. The Phase II ESA was not intended to identify and evaluate all soil and groundwater characterization data gaps associated with the two known sources of contamination. Furthermore, the Phase II ESA was not intended as a dry cleaner remedial investigation to meet the current standard of practice for a MTCA Remedial Investigation.

The Phase II ESA explorations included four sonic-drilled borings and two direct-push borings in the vicinity of the former Y Pay Mor dry cleaner and three direct-push borings in the vicinity of the ARCO station from which soil and groundwater samples were obtained to characterize subsurface conditions. Holt Services (Holt) performed drilling services. The borings were completed to depths of 20 to 25 feet bgs. The field explorations were completed between October 2 through 5, 2017.

The subsurface explorations were monitored by a representative of GeoEngineers who visually classified and performed field screening tests on soil samples collected from the subsurface explorations for evidence of petroleum and volatiles. Subsurface conditions and field screening results are shown on the subsurface exploration logs presented in Appendix A. Ground surface elevations for the boring locations were determined by locational survey.

Sonic-drilled borings FL358-MW1 through FL358-MW4 were completed as permanent monitoring wells. Groundwater samples were collected from temporary wells installed in the open boreholes at four direct-push borings (FL363-B4 through FL363-B7) and from existing Y Pay Mor and ARCO monitoring wells Y Pay Mor-MW3, ARCO-MW31, ARCO-MW32 and ARCO-MW37. The groundwater samples were collected using low-flow sampling procedures with a peristaltic pump, and groundwater parameters were monitored until stable readings were obtained, as explained further in Appendix A. Following stabilization of the groundwater parameters, samples were collected directly into the laboratory-supplied containers. Groundwater monitoring and sampling was conducted on October 3, 6 and 9, 2017.

Soil and groundwater samples were submitted to OnSite Environmental Laboratories (OnSite) in Redmond, Washington for chemical analysis. The chemical analytical results are summarized in Tables 1 through 4. Copies of the laboratory reports are presented in Appendix B.

5.2 Sampling and Analysis Plan

The sampling and analysis plan for the Phase II ESA based on a review of the prior environmental reports as explained in Section 1.3 and other information regarding anticipated subsurface conditions at the subject property. Analyses completed for each of the Phase II ESA explorations and monitoring wells sampled are summarized in the table below.

Table 5.1 Sampling and Analysis Summary

Sample Location ID	Diesel- and Lube-Oil Range PHCs	Gasoline- Range PHCs	PAHs	VOCs	As and/or Pb		
Y Pay Mor Explorations							
FL358-B1				S			
FL358-B3				S			
FL358-MW1	S	S		GW/S	S		
FL358-MW2				GW/S	S		
FL358-MW3				GW/S	S		
FL358-MW4				GW/S	S		
Y Pay Mor-MW3				GW			
ARCO Explorations							
FL363-B4	GW/S	GW/S	GW/S	GW/S	GW/S		
FL363-B5	GW/S	GW/S	GW/S	GW/S	GW/S		
FL363-B6	GW/S	GW/S	GW/S	GW/S	GW/S		
FL363-B7	GW/S	GW/S	GW/S	GW/S	GW/S		
ARCO-MW31	GW	GW	GW	GW	GW		
ARCO-MW32	GW	GW	GW	GW	GW		
ARCO-MW37	GW	GW	GW	GW	GW		

Notes:

PHCs = petroleum hydrocarbons; VOCs = volatile organic compounds; PAHs = polycyclic aromatic hydrocarbons;

As = Arsenic; Pb = Lead;

"GW" = groundwater sample analyzed

"S" = soil sample analyzed

"—" = not analyzed

6.0 Findings

6.1 Subsurface Observations and Field Screening

We observed the completion of six borings using sonic- and direct-push drilling methods in the vicinity of the former Y Pay Mor dry cleaner (FL358-B1, FL358-B3, and FL358-MW1 through FL358-MW4). We observed the completed of four direct-push borings in the vicinity of the ARCO (FL363-B4 through FL363-B7) at the subject property. Discrete soil samples were collected from each boring for field screening and possible chemical analysis.

Soil conditions encountered consisted of interbedded sands and silts with occasional gravel to the total depths explored. No significant evidence of fill was noted in the soil boring samples with the exception of occasional organic matter observed at depths of 2 to 7 feet bgs in some of the boings.

Physical evidence of petroleum or volatiles (slight sheen and low PID readings) was observed during field screening of soil samples collected from borings near the former Y Pay Mor (FL358-B3 and FL358-MW1).

Physical evidence of petroleum or volatiles (elevated PID readings) was observed during field screening of soil samples collected from borings near the ARCO station (FL363-B4 and FL363-B5). Field screening results are shown in the boring logs in Appendix A.

Groundwater was sampled from temporary wells installed in the open boreholes at direct-push borings FL358-B1, FL358-B3, FL363-B4 through FL363-B7, and from the four installed and four existing permanent monitoring wells FL358-MW1 through FL358-MW4, Y Pay Mor-MW3, and ARCO-MW31, ARCO-MW32 and ARCO-MW37. The depth to groundwater measured in October 2017 in wells near the former Y Pay Mor dry cleaners ranged from 7.2 to 7.5 feet bgs. The depth to groundwater measured in October 2017 in wells near the ARCO ranged from 9.7 to 12.4 feet bgs.

6.2 Analytical Testing Results

6.2.1 Y Pay Mor Soil

Twenty-nine soil samples collected from six borings were submitted for chemical analysis of one more of the following: gasoline-range petroleum hydrocarbons, diesel- and lube oil-range petroleum hydrocarbons, VOCs, arsenic and lead. The Y Pay Mor Soil Chemical Analytical Results are presented in Table 1.

6.2.1.1 Petroleum Hydrocarbons

Two soil samples from one of six explorations completed near the former Y Pay Mor were analyzed for petroleum hydrocarbons. Gasoline- and diesel-range petroleum hydrocarbons

were not detected in soil samples from FL358-MW1 at depths of 1.5 to 2.5 feet bgs and 5 to 6 feet bgs. Low levels of lube oil-range petroleum hydrocarbons were detected in soil samples FL358-MW1-1.5-2.5 and FL358-MW1-5-6 (100 mg/kg and 79 mg/kg, respectively), at concentrations significantly less than the MTCA Method A cleanup level of 2,000 mg/kg.

6.2.1.2 VOCs

Nineteen soil samples from six explorations completed in close proximity of the former dry cleaner were analyzed for the dry-cleaning solvent PCE and breakdown products TCE, cis-1,2-DCE and vinyl chloride (Table 1). Depths sampled ranged from 0.5 to 19 feet bgs. PCE, TCE and cis-1,2-DCE were all detected in three samples from two of the borings: FL358-B1-10-11, FL358-B1-13-14 and FL358-MW1-19-20. Cis-1,2-DCE only was additionally detected in a fourth sample, also from FL358-B1: FL358-B1-5-6. The PCE concentration in sample FL358-B1-13-14 (0.066 mg/kg) was greater than the MTCA Method A cleanup level of 0.05 mg/kg. Concentrations of PCE in the remaining samples and the TCE and cis-1,2-DCE concentrations were all less than the corresponding MTCA Method A cleanup levels. Vinyl chloride was not detected in the soil samples tested.

Relatively low concentrations of the following VOCs were detected in one or more of the Y Pay Mor October 2017 soil samples (Table 1): 2-butanone (MEK), acetone, carbon disulfide, and p-isopropyltoluene. The detected concentrations of these VOCs were significantly less than MTCA cleanup levels, where established. These compounds are suspected to be related to laboratory procedures or laboratory or field sampling variability. Benzene (FL358-B1-5-6, 0.0010 mg/kg), ethylbenzene (FL358-B3-12-13, 0.0014 mg/kg and FL358-MW4-6.5-7.5, 0.0022 mg/kg) and toluene (FL358-B3-12-13, 0.032 mg/kg) were detected but at very low concentrations that are just slightly above laboratory detection limits.

6.2.1.3 Metals

Eleven samples obtained from 6-inch depth intervals within the upper 1-foot bgs from locations in the vicinity of the former Y Pay Mor facility were analyzed for arsenic and lead. Arsenic (46 mg/kg) was detected in sample FL358-B3-0.5-1, the MTCA Method A cleanup level for arsenic is 20 mg/kg. Only one other sample had arsenic detected: FL358-MW3-0-0.5 (6.2 mg/kg), less than the MTCA Method A cleanup level.

Lead was detected in sample FL358-B3-0.5-1 (11 mg/kg). Lead was not detected in the remaining samples analyzed.

6.2.2 Y Pay Mor Groundwater

Six groundwater samples collected from two borings and four monitoring wells were submitted for chemical analysis of VOCs. The Y Pay Mor Groundwater Chemical Analytical Results are presented in Table 2. Halogenated VOCs associated with dry cleaning solvents were detected in groundwater samples collected from monitoring wells FL358-MW1, FL358-MW4, and Y Pay

Mor-MW3. Cis-1,2-DCE was detected in all three wells FL358-MW1, FL358-MW4, and Y Pay Mor-MW3 (0.61 μ g/l, 0.34 μ g/l and 0.20 μ g/l, respectively). PCE and TCE were detected in the groundwater sample from FL358-MW1 at concentrations of 0.21 μ g/l and 1.0 μ g/l, respectively. The detected concentrations of halogenated VOCs in groundwater at these three locations were less than their MTCA Method A cleanup levels.

6.2.3 ARCO Soil

Nineteen soil samples collected from four borings were submitted for chemical analysis of one more of the following: gasoline-range petroleum hydrocarbons, diesel- and lube oil-range petroleum hydrocarbons, VOCs, PAHs, arsenic and lead. The ARCO Soil Chemical Analytical Results are presented in Table 3.

6.2.3.1 Petroleum Hydrocarbons

Thirteen soil samples were analyzed for petroleum hydrocarbons. Gasoline-range petroleum hydrocarbons were detected in soil samples FL363-B4-11-12 (73 mg/kg), FL363-B4-11-12 (1,300 mg/kg), FL363-B4-17-18 (8.8 mg/kg), and FL363-B5-11.5-12.5 (500 mg/kg). The concentration of gasoline-range petroleum in samples FL363-B4-11-12 and FL363-B5-11.5-12.5 exceed the MTCA Method A cleanup level of 30 mg/kg. The vertical extent of gasoline impacts at location FL363-B5 is represented by the next deeper sample (FL363-B5-17-18) where gasoline-range petroleum hydrocarbons were not detected; vertical limits for the impact of gasoline at FL363-B4 were not established. Gasoline-range petroleum hydrocarbons were not detected in the remaining samples analyzed.

Diesel-range petroleum hydrocarbons were detected in soil sample FL363-B4-7-8 at a concentration of 74 mg/kg, less than the MTCA Method A cleanup level of 2,000 mg/kg for unrestricted land use. The vertical extent of diesel impacts at location FL363-B4 is represented by the next deeper sample (FL363-B4-11-12) where diesel-range petroleum hydrocarbons were not detected. Diesel-range petroleum hydrocarbons were not detected in the remaining samples analyzed.

Lube oil-range petroleum hydrocarbons were detected in FL363-B4-7-8 and FL363-B4-17-18 (500 mg/kg and 98 mg/kg, respectively), and FL363-B6-6-7 and FL363-B6-11-12 (63 mg/kg and 100 mg/kg, respectively). These concentrations are below the MTCA Method A cleanup level of 2,000 mg/kg for unrestricted land use. The vertical extent of lube oil petroleum impacts is represented at FL363-B6 at depth by a sample collected from a deeper soil interval (FL363-B6-17-18) where lube oil-range petroleum hydrocarbons were not detected; vertical limits were not established at location FL358-B4. Lube oil-range petroleum hydrocarbons were not detected in the remaining samples analyzed.

6.2.3.2 VOCs

Petroleum hydrocarbon-related VOCs were detected in ten of 13 soil samples analyzed from the four boring locations completed near ARCO. Benzene was detected in six soil samples from four locations: FL363-B4-7-8 (0.0035 mg/kg); FL363-B5-17-18 (0.012 mg/kg); FL363-B6-6-7 and FL363-B6-11-12 (0.020 mg/kg and 0.0025 mg/kg, respectively); and FL363-B7-10-11 (0.00089 mg/kg). All benzene concentrations were less than the MTCA Method A cleanup level of 0.03 mg/kg and were limited vertically by deeper samples that were non-detect for benzene. Total xylenes were detected in sample FL363-B4-12-13 (22.8 mg/kg) at a concentration greater than the MTCA Method A cleanup level of 9 mg/kg.

Additional VOCs detected include 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone (MEK) and acetone (both common laboratory contaminants), carbon disulfide, ethylbenzene, isopropylbenzene, naphthalenes, n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butylbenzene, and toluene all at concentrations less than established MTCA cleanup levels.

6.2.3.3 PAHs

Noncarcinogenic PAHs (including naphthalenes) were detected in soil samples analyzed from borings FL363-B4 (FL363-B4-7-8, FL363-B4-11-12, FL363-B4-12-13 and FL363-B4-17-18), FL363-B5 (FL363-B5-5.5-6.5 and FL363-B4-11.5-12.5), and FL363-B6 (FL363-B6-11-12). The detected concentrations were all less than the corresponding MTCA cleanup levels. PAHs were not detected in the remaining samples analyzed.

6.2.3.4 Metals

A total of six samples obtained from 6-inch depth intervals within the upper 1-foot bgs from locations across the subject property were analyzed for arsenic and lead; lead was analyzed in 13 deeper soil samples from borings completed closest to the ARCO (FL363-B4 through FL363-B7).

Arsenic and lead were not detected in samples collected from the upper 1-foot bgs of soil. Lead was detected in two of 13 samples at concentrations less than the MTCA cleanup level of 250 mg/kg: FL363-B4-7-8 (31 mg/kg); and FL363-B6-11-12 (23 mg/kg). Lead was not detected in the remaining samples analyzed.

6.2.4 ARCO Groundwater

Seven groundwater samples collected from the borings and monitoring wells were submitted for chemical analysis of one more of the following: gasoline-range petroleum hydrocarbons, diesel- and lube oil-range petroleum hydrocarbons, VOCs, PAHs and lead. The ARCO Groundwater Chemical Analytical Results are presented in Table 4.

6.2.4.1 Petroleum Hydrocarbons

Gasoline-range petroleum hydrocarbons were detected in groundwater samples collected from borings FL363-B4 (24,000 μ g/l) and FL363-B5 (7,200 μ g/l). The concentrations of gasoline-range petroleum in these samples exceed the MTCA Method A cleanup level of 800 μ g/l (see Section 6.2.2.2 below). Gasoline-range petroleum hydrocarbons were not detected in the remaining samples analyzed.

Diesel-range petroleum hydrocarbons, identified as gasoline extending into the range quantified as diesel, were detected in groundwater samples collected from borings FL363-B4 (2.3 mg/l) and FL363-B5 (1.1 mg/l) at concentrations exceeding the MTCA Method A cleanup level of 0.5 mg/l. Diesel-range petroleum hydrocarbons were detected in groundwater samples collected from monitoring wells ARCO-MW32 and ARCO-MW37 at concentrations below the MTCA Method A cleanup level. Diesel-range petroleum hydrocarbons were not detected in the remaining samples analyzed.

Lube oil-range petroleum hydrocarbons were detected in groundwater sample collected from borings FL363-B4 (0.52 mg/l) at a concentration exceeding the MTCA Method A cleanup level of 0.5 mg/l. Lube oil-range petroleum hydrocarbons were detected in groundwater samples collected from boring FL363-B6 and monitoring well ARCO-MW37 at concentrations below the MTCA Method A cleanup level and only slightly above the laboratory detection limit. Lube oil-range petroleum hydrocarbons were not detected in the remaining samples analyzed.

6.2.4.2 VOCs

VOCs associated with petroleum hydrocarbons were detected in groundwater samples collected from FL363-B4, FL363-B5 and FL363-B6. Benzene was detected in the sample analyzed from FL363-B5 at a concentration of 510 μ g/l, exceeding the MTCA Method A cleanup level of 5 μ g/l. Other VOCs exceeding MTCA cleanup levels were detected in samples from FL363-B4, including 1,3,5-trimethylbenzene (230 μ g/l), naphthalenes (160 μ g/l) and total xylenes (2,800 μ g/l).

The VOC 1,3-dichlorobenzene was detected in one groundwater sample: FL363-B6 (0.31 μ g/l). There is no published MTCA cleanup level for this compound in groundwater. The source of this VOC is unclear and would require additional sampling and analysis to evaluate further.

6.2.4.3 PAHs

PAHs were detected in groundwater samples collected from borings FL363-B4 and FL363-B5, including total naphthalenes in the sample from FL363 (233 μ g/l) at a concentration exceeding the MTCA Method A cleanup level of 160 μ g/l. PAHs were not detected in the remaining groundwater samples analyzed.

6.2.4.4 Metals

Lead was detected in groundwater samples collected from borings FL363-B4, FL363-B5, FL363-B6 and FL363-B7, and monitoring well ARCO-MW1. Concentrations of lead exceeded the MTCA Method A cleanup level of 15 μ g/l in the samples analyzed from FL363-B4 (29 μ g/l), FL363-B5 (29 μ g/l), FL363-B6 (50 μ g/l) and FL363-B7 (180 μ g/l). Lead was not detected in the remaining groundwater samples analyzed from monitoring wells ARCO-MW32 and ARCO-MW37.

7.0 Conclusions and Recommendations

The purpose of the Phase II ESA was to evaluate the potential for RECs or other potential sources of contamination to affect the subject property, and/or to impact soil that may be encountered during Sound Transit construction activities at the site.

7.1 Phase II ESA Conclusions and Recommendations

The Phase II ESA was conducted to assess current soil and groundwater conditions relative to Sound Transit's proposed acquisition and construction on the subject property. Contamination associated with the Recognized Environmental Conditions (RECs) for the property as identified in the Phase I ESA prepared by GeoEngineers, Inc. dated March 2017 was evaluated during this study.

A survey of the subject property presented in Appendix C indicates the locations of storm drain and sanitary sewer easements that cross portions of the subject property and may contribute to preferential pathways for contaminant migration in groundwater or soil vapor.

7.1.1 Potential On-site Sources - Former Y Pay Mor Dry Cleaners

Y Pay Mor Dry Cleaners was a tenant in the subject property shopping center on FL358 between approximately the late 1980s and 1994. The dry cleaner was located at the east end of the Sea-Tac Plaza shopping center building, approximately as indicated in Figure 2.

Based on our review of available documents provided by Ecology (Appendix C), a spill of PCE occurred inside the dry cleaner space in 1991. Site assessment completed in 1992 included limited sampling of soil and groundwater beneath and surrounding the dry cleaner space. PCE (1,700 μ g/l) was detected in a groundwater sample obtained from beneath the dry cleaner space (B-12, Figure 4). A soil vapor extraction (SVE) remediation system operated beneath the dry cleaner space in 1993 and 1994. Post-remediation compliance sampling included 1994 soil sampling from borings inside the dry cleaner and 1994 and 1997 groundwater sampling at downgradient monitoring well Y Pay Mor-MW3 (Figures 2 and 4). The concentration of PCE in one of the 1994 soil samples from inside the dry cleaner space (CB-4, Figure 4) was 1.3 mg/kg, greater than the MTCA Method A cleanup level of 0.05 mg/kg. Concentrations of PCE and its degradation compounds trichloroethylene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride in groundwater samples from 1994 and 1997 were less than MTCA cleanup levels (Figure 4).

In 1995 Ecology issued an interim NFA (Ecology, June 9, 1995) conditional on the recording of a restrictive covenant (Appendix C). The 1995 covenant documents that residual concentrations of solvents remained in soil and groundwater at the site at levels exceeding MTCA Method A cleanup levels. Ecology issued a final NFA (October 23, 1998) for Y Pay Mor Dry Cleaners,

conditioned on a second Restrictive Covenant recorded in August 1998 (Appendix C). The 1998 covenant outlines the conditions required to preserve Ecology's NFA determination for the former dry cleaner Site. Ecology's file does not contain any soil or groundwater sampling results for the Y Pay Mor Site after 1997.

7.1.1.1 Field Explorations, Sampling and Chemical Analytical Testing

The vicinity of the former Y Pay Mor Dry Cleaner was assessed for this study by completing six exploration borings (FL358-B1, FL358-B3, FL358-MW-1, FL358-MW-2, FL358-MW-3 and FL358-MW-4), four of which were completed as monitoring wells. Soil samples were obtained from all six explorations and selected samples were submitted for chemical analysis. Groundwater samples were obtained from the four newly installed monitoring wells FL358-MW-1, FL358-MW-2, FL358-MW-3 and FL358-MW-4 and from one previously installed monitoring well, Y Pay Mor-MW3. Monitoring wells FL358-MW-3, FL358-MW-4 and Y Pay Mor-MW3 are in nearby downgradient locations, to the south and southwest, relative to the former dry cleaner space. Volatile organic compounds (VOCs) were also analyzed in downgradient groundwater samples obtained from the south/southwest margins of the subject property (grab water samples from FL363-B4, FL363-B5, FL363-B6 and FL363-B7 and monitoring well samples from ARCO-MW31 on FL363, and ARCO-MW32 and ARCO-MW37 on FL358) to confirm the presence/absence of dry cleaner-related solvents in groundwater at these downgradient locations on the subject property. No explorations were completed inside the shopping center building.

Below is a summary of key findings relative to the Phase II ESA objectives for the Y Pay Mor Dry Cleaner Site. Phase II ESA analytical results are summarized in Tables 1 and 2 and illustrated in Figures 5 and 6.

7.1.1.2 Soil

Nineteen soil samples from six explorations completed in close proximity to the former dry cleaner were analyzed for the dry-cleaning solvent PCE and breakdown products TCE, cis-1,2-DCE and vinyl chloride (Table 1). Depths sampled ranged from 0.5 to 19 feet bgs. PCE, TCE and cis-1,2-DCE were all detected in three samples from two of the borings: FL358-B1-10-11, FL358-B1-13-14 and FL358-MW1-19-20. Cis-1,2-DCE only was additionally detected in a fourth sample, also from FL358-B1: FL358-B1-5-6. The PCE concentration in sample FL358-B1-13-14 (0.066 mg/kg) was greater than the MTCA Method A cleanup level of 0.05 mg/kg. Concentrations of PCE in the remaining samples and the TCE and cis-1,2-DCE concentrations were all less than the corresponding MTCA Method A cleanup levels. Vinyl chloride was not detected in the soil samples tested.

Based on the 1994 soil confirmation testing beneath the dry cleaner space, and the Phase II ESA boring soil sample results, PCE remains in soil in at least two locations – beneath the building footprint (CB-4) and outside the building north of the dry cleaner space (FL358-B1 at 13 to 14

feet bgs) - at concentrations greater than the MTCA Method A cleanup level. Figure 5 generally illustrates the distribution of dry cleaner solvents in soil at concentrations greater than MTCA cleanup levels. The full lateral and vertical extent of residual PCE in soil has not been assessed.

Detections of PCE, TCE and cis-1,2-DCE in soil appear to be related to a past release(s) associated with the former on-site dry cleaner. Spent dry cleaning solvent such as PCE would be considered an F002-listed Dangerous Waste under the State Dangerous Waste Regulations Chapter 173-303 WAC. Soil from the Site with detections of PCE, or its degradation products TCE and/or cis-1,2-DCE, that may be excavated in the future would likely also classify as F002-listed Dangerous Waste necessitating special handling, transport, tracking and disposal. Soil from the saturated zone within the area where groundwater has detectable concentrations of dry cleaning solvents (see below), would likely also be classified as dangerous waste.

Relatively low concentrations of the following VOCs were detected in one or more of the October 2017 soil samples (Table 1): 2-butanone (MEK), acetone, carbon disulfide, and p-isopropyltoluene. The detected concentrations of these VOCs were significantly less than MTCA cleanup levels, where established, and therefore were not considered further with regard to the Phase II ESA conclusions. These compounds are suspected to be related to laboratory procedures or laboratory or field sampling variability. Lube oil-range petroleum hydrocarbons (FL358-MW1-1.5-2.5, 100 mg/kg and FL358-MW1-5-6, 79 mg/kg), benzene (FL358-B1-5-6, 0.0010 mg/kg) and ethylbenzene (FL358-B3-12-13, 0.0014 mg/kg) were also detected but at very low concentrations that are just slightly above laboratory detection limits and significantly less than MTCA cleanup levels and therefore were not considered further with regard to the Phase II ESA conclusions for the vicinity of the former dry cleaner.

7.1.1.3 Groundwater

The depth to groundwater measured in the existing new monitoring wells in October 2017 ranged from 7.2 to 7.5 feet bgs.

Five monitoring wells in close proximity to the former dry cleaner (FL358-MW1, FL358-MW2, FL358-MW3 [sampled in duplicate], FL358-MW4 and Y Pay Mor-MW3) were analyzed for the dry-cleaning solvent PCE and breakdown products TCE, cis-1,2-DCE and vinyl chloride (Table 2). PCE, TCE and cis-1,2-DCE were detected in the October 2017 sample from FL358-MW1; the detected concentrations were less than the corresponding MTCA Method A/B cleanup levels. Cis-1,2-DCE only was detected in two additional monitoring well samples, FL358-MW4 and Y Pay Mor-MW3; the detected concentrations were less than the MTCA Method B cleanup level. The October 2017 result for cis-1,2-DCE at Y Pay Mor-MW3 (0.20 μ g/l), was approximately an order of magnitude lower than the cis-1,2-DCE concentrations reported for Y Pay Mor-MW3 based on 1997 sampling of this well (see Figure 4). Although dry cleaning solvents were not detected in the Phase II ESA groundwater samples at concentrations greater than MTCA cleanup levels, groundwater directly beneath the former dry cleaner space was not assessed

during the study and was previously documented to exceed the MTCA Method A cleanup level for PCE, generally as shown in Figure 6. The prior remediation system (SVE) is believed to have only been used to treat areas of soil beneath the building footprint.

Groundwater from the Site with detections of PCE or its breakdown products TCE and/or cis-1,2-DCE that may be recovered in the future through dewatering would likely classify as F002-listed Dangerous Waste necessitating special handling, transport, tracking and disposal/discharge.

PCE, TCE and cis-1,2-DCE were not detected in the downgradient groundwater samples obtained in October 2017 from the south margin of FL358 and on FL363 (grab water samples from FL363-B4, FL363-B5, FL363-B6 and FL363-B7 and monitoring well samples from ARCO-MW31 and ARCO-MW32 and ARCO-MW37), as illustrated in Figure 6.

7.1.2 Potential Off-site Sources - ARCO

The ARCO parcel (identified as FL365) is surrounded to the north, west and east by subject parcel FL363. A release of gasoline from the ARCO UST system was discovered in 1991. Widespread gasoline impacts from the ARCO release were identified in soil and groundwater on the ARCO parcel and adjacent and surrounding parcels including downgradient locations to the south and southwest. The extent of the ARCO-related gasoline plume limits in groundwater as of 2015, based on reports available in Ecology's file, is illustrated in Figure 2 and was interpreted at that time to extend west and north of the ARCO parcel onto FL363. In-situ cleanup methods, primarily fluids or vapor extraction technologies, were used at various times in the past through 2012. Documents in Ecology's file for the ARCO Site include a May 2012 "Further Action" letter and a 2014 Remedial Investigation (RI) Work Plan. The ARCO Site was entered into Ecology's Voluntary Cleanup Program (VCP) as of 2000; however, the ARCO Site was terminated from the VCP in February 2017.

7.1.2.1 Field Explorations, Sampling and Chemical Analytical Testing

Soil and groundwater on the subject property in the vicinity of the ARCO located on the adjacent property were assessed for the Phase II ESA study by obtaining soil and grab water samples from four new exploration borings (FL363-B4, FL363-B5, FL363-B6 and FL363-B7) and sampling groundwater from three previously installed monitoring wells: ARCO-MW31 on FL363, and ARCO-MW32 and ARCO-MW37 on FL358. The primary purpose of the sampling was to evaluate the current extent of petroleum-related impacts in soil and groundwater resulting from the gasoline release at the ARCO service station. Phase II ESA explorations FL363-B4, FL363-B5, FL363-B6 and FL363-B7 were situated to evaluate the extent of the plume to the north/northwest and east of the ARCO parcel.

Below is a summary of key findings relative to the subject property Phase II ESA objectives for the ARCO Site. Phase II ESA analytical results are summarized in Tables 3 and 4 and illustrated in Figures 5 and 6.

7.1.2.2 Soil

Thirteen soil samples from four explorations completed on FL358 and FL363, north/northwest and east of the ARCO parcel were analyzed for petroleum hydrocarbons, BETX and other VOCs, PAHs and select metals. Depths sampled ranged from 5.5 to 19 feet bgs. Gasoline-range hydrocarbons, BETX constituents and/or common gasoline-related VOCs (e.g., trimethylbenzenes, isopropylbenzenes, isopropyltoluene, butylbenzenes, and naphthalenes) were detected in eleven different soil samples from the four borings (Table 3). The detected concentrations exceeded the corresponding MTCA Method A cleanup levels in the following three samples from two of the four borings: FL363-B4-11-12 (gasoline-range hydrocarbons 73 mg/kg), FL363-B4-12-13 (gasoline-range hydrocarbons 1,300 mg/kg and xylenes 22.8 mg/kg), and FL363-B5-11.5-12.5 (gasoline-range hydrocarbons 500 mg/kg and ethylbenzene 11 mg/kg). The presence of gasoline-related soil contamination greater than MTCA cleanup levels at these locations and depths is not unexpected based on results from the prior ARCO studies. Soil sample results at FL363-B6 and FL363-B7 located directly east of the ARCO parcel did not identify gasoline-related constituents at concentrations greater than MTCA cleanup levels. This finding is consistent with the prior studies and available groundwater plume data indicating that the ARCO release did not extend offsite to the east of the ARCO parcel at concentrations greater than MTCA cleanup levels.

Diesel and/or lube oil-range petroleum hydrocarbons and a limited number of non-carcinogenic PAHs commonly associated with petroleum hydrocarbons were detected in eight soil samples from three of the four borings at concentrations less than MTCA Method A cleanup levels. These detections may be related to the ARCO service station, or to stormwater conveyance system leaks or fill material.

Relatively low concentrations of the following other VOCs were detected in one or more of the October 2017 soil samples (Table 3): 2-butanone (MEK), acetone and carbon disulfide. The detected concentrations were significantly less than MTCA cleanup levels. The compounds are suspected to be related to laboratory procedures or variability and therefore were not considered further with regard to the Phase II ESA conclusions.

7.1.2.3 Groundwater

The depth to groundwater measured in the existing ARCO monitoring wells located on the subject property in October 2017 ranged from 9.7 to 12.4 feet bgs.

Gasoline-range hydrocarbons, BETX constituents and/or common gasoline-related VOCs (e.g., trimethylbenzenes, propylbenzenes, butylbenzenes, isopropyltoluene, and naphthalenes) were detected in the October 2017 groundwater samples from FL363-B4 and FL363-B5 (Table 4). The detected concentrations exceeded the corresponding MTCA Method A cleanup levels as follows: FL363-B4 (gasoline-range hydrocarbons 24,000 μ g/l; 1,3,5-trimethylbenzene 230 μ g/l;

naphthalenes 233 μ g/l; and total xylenes 2,800 μ g/l) and FL363-B5 (gasoline-range hydrocarbons 7,200 μ g/l and benzene 510 μ g/l). The presence of gasoline-related groundwater contamination greater than MTCA cleanup levels at these locations had not been previously documented based on the prior ARCO studies; however, the results are not unexpected given the proximity of the ARCO gasoline USTs at the north end of the ARCO parcel near FL363-B5 and the potential for contaminant migration via preferential utility pathways that may exist in the FL363 access road. Figure 2 shows revised plume boundaries based on interpretation of the most recent 2017 groundwater sampling data from FL363 and FL358 as well as other nearby FWLE parcels.

Gasoline-related constituents were not detected in the groundwater samples from FL363-B6, FL363-B7, ARCO-MW-31, ARCO-MW-32 and ARCO-MW-37 (Figure 6). These findings are generally consistent with the prior studies and available groundwater plume data.

Diesel- and/or lube oil-range petroleum hydrocarbons were detected at concentrations greater than MTCA Method A cleanup levels in groundwater samples from FL363-B4 and FL363-B5. Laboratory reports indicate that the diesel-range petroleum hydrocarbon results for these samples are due to gasoline extending in to the range quantified as diesel. Select PAH compounds (other than naphthalenes) were also detected at concentrations less than MTCA Method A cleanup levels in sample FL363-B4.

Diesel- and/or lube oil-range petroleum hydrocarbons were detected at concentrations less than MTCA Method A cleanup levels in groundwater samples from FL363-B6, ARCO-MW32 and ARCO-MW37. These detections may be related to the ARCO service station or to other possible sources such as stormwater or fill.

The VOC 1,3-dichlorobenzene was detected in one groundwater sample: FL363-B6 (0.31 μ g/l). There is no published MTCA cleanup level for this compound in groundwater. The source of this VOC is unclear and would require additional sampling and analysis to evaluate further.

Total lead was detected in all four grab groundwater samples at concentrations ranging from 29 to 180 μ g/l, greater than the MTCA Method A cleanup level of 15 μ g/l. Grab groundwater samples analyzed for total lead may be influenced by suspended sediment in the samples. Total lead was either not detected or was less than the MTCA Method A cleanup level in the three ARCO groundwater monitoring well samples collected for the Phase II ESA.

7.2 Sound Transit Acquisition and Future Construction Recommendations

Based on current design information for the FWLE project (HDR, provided in October 2017), Sound Transit plans to acquire parcels FL358, FL361 and FL363 and in full, with building impacts to existing structures. Sound Transit's proposed construction and development on the property

includes portions of the future Federal Way Transit Center and parking garage, new roads and utilities, a large stormwater vault and the light rail track, columns and guideway structure. The proposed footprint of the new structures is shown in Figure 3. Proposed construction and development activities by Sound Transit could change as project design is refined.

Assessment of fill as a potential source of contaminants on the subject property is planned in the future and will be presented in a future deliverable. Also, additional assessment of potential TSP impacts is planned for portions of the subject property not explored during the Phase II ESA. The data collected during this Phase II ESA effort will be evaluated with sample data obtained from the remainder of the property and summarized in a future deliverable.

7.2.1 Acquisition Conclusions and Recommendations

The findings of the Phase II ESA indicate that a remediation cost estimate for cleanup is necessary for FL358, FL361 and FL363 for Sound Transit's acquisition because contaminants of concern related to a former on-site dry cleaner (Y Pay Mor Dry Cleaner) with a past documented release of PCE to soil and groundwater were confirmed to remain at concentrations greater than MTCA Method A cleanup levels in the vicinity of the former dry cleaner, and remain beneath the building footprint where the dry cleaner was located according to the Restrictive Covenants (see Section 1.3.1 and copies of the Restrictive Covenants in Appendix C).

We recommend resampling of the permanent monitoring wells on the subject property to assess seasonal variability. Additionally, the permanent monitoring wells should be surveyed and depth to groundwater measurements obtained to assess groundwater gradient.

We recommend a remedial investigation data gaps evaluation be completed to identify the site characterization data gaps that would need to be filled in order to evaluate remedial alternatives and select a preferred cleanup remedy under MTCA. Site investigation data gaps include the lateral and vertical extent of residual PCE and related compounds in soil and groundwater, hydrogeologic conditions relative to potential shallow and deeper aquifer systems, the potential for contaminant migration via preferential pathways such as underground utility corridors, as well as the potential for indoor air vapor intrusion relative to the existing shopping center building.

The Phase II ESA generally confirmed that the southern/southwestern downgradient extent of PCE and related contaminants in groundwater is within approximately 100 feet or less of the former dry cleaner location on FL358 and potentially FL363, and does not appear to extend onto the southern/southwestern-adjacent Wendy's restaurant parcel (FL360) at concentrations greater than MTCA Method A cleanup levels.

Sound Transit's acquisition and redevelopment on the property will need to consider the 1995 and 1998 Restrictive Covenants that are recorded for the subject property and appear on the

recent title report (Appendix C). Among the requirements of the covenants, the 1998 Covenant prohibits activities that interfere with the integrity of the remedial action and continued protection of human health and the environment.

We recommend Sound Transit consult with real estate and environmental legal counsel with respect to the potential purchase of the property, given the recorded covenants and their requirements, as well as potential cleanup cost recovery under MTCA.

If Sound Transit acquires the property, we recommend that Sound Transit determine Ecology's expectations relative to the former dry cleaner Site, because MTCA and industry practices in relation to NFA determinations and institutional controls have evolved and changed since 1998. In addition, consultation with Ecology is recommended because the 1998 covenant prohibits any activity that may result in the release or exposure of hazardous substances that remain on the property without prior written approval from Ecology.

The Y Pay Mor Dry Cleaners is identified in Ecology's confirmed and suspected contaminated sites database. The Phase II ESA findings do not indicate evidence of a new MTCA release, in our opinion.

The Phase II ESA identified gasoline-related contaminants in soil and groundwater likely related to the ARCO Site. Appropriate cleanup methods and associated costs are directly tied to cleanup of the source property (ARCO). A remediation cost estimate for the subject property should be developed based on cleanup cost estimates for the ARCO MTCA Cleanup Site.

7.2.2 Future Construction Recommendations

An environmental cost estimate will be necessary for Sound Transit's planned construction because dry cleaner-related impacted soil and groundwater will likely be encountered beneath and in the vicinity of the former dry cleaner. Additionally, petroleum-impacted soil and groundwater are anticipated near the ARCO Site, and potentially may be present in other locations on the subject property, from potential sources including fill or contaminants associated with stormwater.

We recommend that fill, presumably placed to level out historic drainage features previously located on the subject property, be further evaluated for potential fill-related contaminants because there is extensive future excavation planned on the subject property associated with the stormwater vault and other proposed features. Excavation will generate soil that may not be suitable for reuse on the subject property or in another area of the FWLE project. The historic drainage features include a drainage channel approximately as shown in Figure 2 and a historic topographic low that existed in the southwestern portion of FL358 as of 1974, before the shopping center development.

Sound Transit will need to carefully consider the sequencing of the dry cleaner Site cleanup in

relation to future redevelopment excavation, backfilling and potential dewatering, to minimize potential recontamination occurrences, and to mitigate the potential for redevelopment to exacerbate existing contamination or contamination migration and result in added costs to Sound Transit.

As noted in the Findings discussion above, soil and groundwater with detections of spent dry cleaning solvent such as PCE and related breakdown products would be considered an F002-listed Dangerous Waste (Chapter 173-303 WAC) if excavated or removed during future property redevelopment, necessitating added costs for handling, testing, transport, tracking and disposal/discharge.

We recommend an impacted soil and groundwater handling plan be prepared prior to construction activities that outlines soil segregation, handling, stockpiling, and end use/disposal, as well as groundwater handling procedures for fluids recovered by dewatering. Follow-up chemical analytical testing will likely be needed for waste profiling and discharge/disposal waste acceptance and permitting. Ecology's "Guidance for Remediation of Petroleum-Contaminated Soil" should be used as a guidance document for soil handling end use options for petroleum-related soil impacts. Additional regulatory requirements will apply if dry cleaner-related chlorinated solvents, which may classify as a F002-listed waste under the State Dangerous Waste Regulations are encountered in excavated soil or in groundwater recovered during dewatering.

The table below summarizes the Phase II ESA findings for the former dry cleaner and the ARCO Sites, and potentially impacted fill, relative to Sound Transit's proposed acquisition and future construction.

Potential Sources of Contamination	Acquisition	Potential Source Within Construction Area	Contaminated Soil and Groundwater Present	Impacted Soil and Groundwater Present	Remedial Cost Estimate Necessary For Acquisition	Remedial Cost Estimate Necessary For Construction
On-Site Sources: Former Y Pay Mor Dry Cleaner	Yes	Yes	Yes	Yes	Yes	Yes
Other On-site Potential Sources: Fill of unknown origin	Yes	Yes	Further assessment recommended	Further assessment recommended	Not likely	Potentially needed
Off-Site Sources: ARCO service station	Not on FL358, FL361 or FL363	Not on FL358, FL361 or FL363	Yes	Yes	Yes	Yes

8.0 Limitations and Guidelines for Use

These Limitations provide information to help you manage your risks with respect to the use of this report. Some clients, design professionals and contractors may not recognize that the geoscience practices (geotechnical engineering, geology and environmental science) are far less exact than other engineering and natural science disciplines. This lack of understanding can create unrealistic expectations that could lead to disappointments, claims and disputes. GeoEngineers includes these explanatory "limitations" provisions in our reports to help reduce such risks. Please confer with GeoEngineers if you are unclear how these "Limitations and Guidelines for Use" apply to your project or site.

This Phase II ESA has been prepared, in general accordance with the scope and limitations of the subcontract between HDR and GeoEngineers dated August 24, 2012, along with Amendments 1 through 9 and Agreement No. RTA/AE 044-12 between HDR and Sound Transit.

The Phase II ESA was not intended to identify and evaluate all soil and groundwater characterization data gaps associated with the two known sources of contamination associated with the subject property. Furthermore, the Phase II ESA was not intended as a dry cleaner remedial investigation to meet the current standard of practice for a MTCA Remedial Investigation.

This report has been prepared for the exclusive use of Sound Transit and their agents. This report is not intended for use by others, and the information contained herein is not applicable to other properties. No other party may rely on the product of our services unless we agree in advance to such reliance in writing. This is to provide our firm with reasonable protection against openended liability claims by third parties with whom there would otherwise be no contractual limits to their actions. Within the limitations of scope, schedule and budget, our services have been executed in accordance with our Agreement with the Client and generally accepted environmental practices in this area at the time this report was prepared.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted environmental science practices in this area at the time this report was prepared. The conclusions and opinions presented in this report are based on our professional knowledge, judgment and experience. No warranty, express or implied, applies to this report.

Any electronic form, facsimile or hard copy of the original document (email, text, table and/or figure), if provided, and any attachments should be considered a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record.

Please refer to the appendix titled "Report Limitations and Guidelines for Use" for additional information pertaining to use of this report.

9.0 References

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Table 1 Summary of Soil Chemical Analytical Results¹-Y Pay Mor Dry Cleaner Explorations

Sound Transit - Federal Way Link Extension FL358/FL361/FL363 Federal Way, Washington

Boring Identification		FL3	58-B1				FL358-B3			MTCA Method	Naturally Occurring
Sample Identification ²	FL358-B1-0.5-1	FL358-B1-5-6	FL358-B1-10-11	FL358-B1-13-14	FL358-B3-0-0.5	FL358-B3-0.5-1	FL358-B3-5-6	FL358-B3-7-8	FL358-B3-12-13	A/B Cleanup	Background
Sample Date	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	Level ¹²	Metals in Puget
Sample Start Depth (feet bgs)	0.5	5.0	10	13	0.0	0.5	5.0	7.0	12		Sound Soils ¹⁵
Sample End Depth (feet bgs)	1.0	6.0	11	14	0.5	1.0	6.0	8.0	13		
NWTPH-Gx ³ (mg/kg)											
Gasoline-range hydrocarbons										30/100 ¹³	N/A
NWTPH-Dx ⁴ (mg/kg)			•	•					•	· · · · · · · · · · · · · · · · · · ·	•
Diesel-range hydrocarbons										2,000	
Lube Oil-range hydrocarbons										2,000	N/A
Metals ⁵ (mg/kg)			1						1	_,,,,,	1
Arsenic			<u> </u>		5.4 U	46				20	7
Lead					5.4 U	11				250	24
	-		1	<u> </u>	5.40		-		1	200	24
BTEX ⁶ (mg/kg)			1	I	<u> </u>	<u> </u>			T	1 000	T
Benzene										0.03 7	-
Ethylbenzene										•	4
Toluene										6	N/A
Xylene, m-,p-											
Xylene, o-										9	
Total Xylenes ⁷											
VOCs ⁸ (mg/kg)											•
1,1,1,2-Tetrachloroethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	38.5	1
1,1,1-Trichloroethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	2	
1,1,2,2-Tetrachloroethane	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	5	1
1,1,2-Trichloroethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	17.5	1
1,1-Dichloroethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	175	_
1,1-Dichloroethene	0.0011 U	0.00097 U	0.0010 U	0.00080 U	-		0.00098 U	0.0012 U	0.0015 U	4,000	1
1,1-Dichloropropene	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	NE	4
1,2,3-Trichlorobenzene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	NE	4
1,2,3-Trichloropropane	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	0.0333	1
1,2,4-Trichlorobenzene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	34.5	
1,2,4-Trimethylbenzene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	NE 1.05	N/A
1,2-Dibromo-3-Chloropropane	0.0054 U	0.29 U	0.0050 U	0.0040 U			0.0049 U	0.0059 U	0.34 U	1.25	1
1,2-Dibromoethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	0.005	1
1,2-Dichlorobenzene (o-Dichlorobenzene)	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	7,200	1
1,2-Dichloroethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	11	4
1,2-Dichloropropane	0.0011 U 0.0011 U	0.00097 U	0.0010 U	0.00080 U 0.00080 U			0.00098 U 0.00098 U	0.0012 U 0.0012 U	0.0015 U	27.8 800	1
1,3,5-Trimethylbenzene	0.0011 U	0.057 U 0.057 U	0.0010 U 0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U 0.068 U	NE	1
1,3-Dichlorobenzene (m-Dichlorobenzene)	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	NE NE	1
1,3-Dichloropropane 1,4-Dichlorobenzene (p-Dichlorobenzene)	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	185	1
	0.0011 U	0.057 U 0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	NE NE	-
2,2-Dichloropropane	O.OOTT U	0.000970	0.0010 0	0.00000		I	0.00098 0	0.00120	0.0010	INE	Ī

Boring Identification		FL35	58-B1				FL358-B3			MTCA Method	Naturally Occurring
	FL358-B1-0.5-1	FL358-B1-5-6	FL358-B1-10-11	FL358-B1-13-14	FL358-B3-0-0.5	FL358-B3-0.5-1	FL358-B3-5-6	FL358-B3-7-8	FL358-B3-12-13	A/B Cleanup	Background
Sample Date	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	10/5/2017	Level ¹²	Metals in Puget
Sample Start Depth (feet bgs)	0.5	5.0	10	13	0.0	0.5	5.0	7.0	12		Sound Soils ¹⁵
Sample End Depth (feet bgs)	1.0	6.0	11	14	0.5	1.0	6.0	8.0	13		
2-Butanone (MEK)	0.0054 U	0.0067	0.0050 U	0.0040 U			0.0074	0.049	0.070	48,000	
2-Chloroethyl vinyl ether	0.0054 U	0.0048 U	0.0050 U	0.0040 U			0.0049 U	0.0059 U	0.0074 U	NE	1
2-Chlorotoluene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	1,600	1
2-Hexanone	0.0054 U	0.0048 U	0.0050 U	0.0040 U	-		0.0049 U	0.0059 U	0.0074 U	NE	
4-Chlorotoluene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	NE	1
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	0.0054 U	0.0048 U	0.0050 U	0.0040 U	-		0.0049 U	0.0059 U	0.0074 U	6,400	
Acetone ⁹	0.011	0.060	0.0060	0.0040 U			0.058	0.16	0.46	72,000	
Benzene	0.0011 U	0.0010	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	0.03	
Bromobenzene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	NE	1
Bromochloromethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	NE	1
Bromodichloromethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	16.1	1
Bromoform (Tribromomethane)	0.0054 U	0.0048 U	0.0050 U	0.0040 U			0.0049 U	0.0059 U	0.0074 U	127	1
Bromomethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	112	1
Carbon Disulfide	0.0011 U	0.0012	0.0010 U	0.00080 U			0.00098 U	0.0015	0.0020	8,000	1
Carbon Tetrachloride	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	14.3	1
Chlorobenzene	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	1,600	1
Chloroethane	0.0054 U	0.0048 U	0.0050 U	0.0040 U			0.0049 U	0.0059 U	0.0074 U	NE	1
Chloroform	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	32.3	1
Chloromethane	0.0073 U	0.0066 U	0.0068 U	0.0054 U			0.0066 U	0.0080 U	0.011 U	NE	1
cis-1,2-Dichloroethene	0.0011 U	0.0053	0.014	0.0043			0.00098 U	0.0012 U	0.0015 U	160	
cis-1,3-Dichloropropene	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	NE NE	
Dibromochloromethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	11.9	
Dibromomethane	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	800	N/A
Dichlorodifluoromethane (CFC-12)	0.0026 U	0.0023 U	0.0024 U	0.0019 U			0.0023 U	0.0028 U	0.0040 U	16,000	1
Ethylbenzene	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.014	6	
Hexachlorobutadiene	0.0054 U	0.29 U	0.0050 U	0.0040 U			0.0049 U	0.0059 U	0.34 U	12.8	
Isopropylbenzene (Cumene)	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	8,000	1
Methyl lodide (lodomethane)	0.0079 U	0.0072 U	0.0010 U	0.0059 U			0.0072 U	0.0012 U	0.011 U	NE	1
Methyl t-butyl ether	0.0013 U	0.00097 U	0.0014 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	0.1	
Methylene Chloride	0.0054 U	0.0048 U	0.0010 U	0.0040 U			0.0049 U	0.0012 U	0.0013 U	0.02	
Naphthalene	0.0034 U	0.057 U	0.0030 U	0.00040 U			0.00098 U	0.0039 U	0.068 U	5	-
n-Butylbenzene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	4,000	1
n-Propylbenzene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	8,000	1
p-Isopropyltoluene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	96	NE	1
Sec-Butylbenzene	0.0011 U	0.057 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	8,000	1
•	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.008 U	16,000	1
Styrene Tert-Butylbenzene	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.068 U	8,000	1
	0.0011 U	0.007 U	0.0010	0.0066			0.00098 U	0.0012 U	0.0015 U	0.05	1
Tetrachloroethene Toluene	0.0011 U	0.00097 U	0.016 0.0050 U	0.006 0.0040 U			0.00098 U	0.0012 U	0.0015 0	7	1
										•	1
Trans-1,2-Dichloroethene	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	1,600	1
Trans-1,3-Dichloropropene	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	NE 0.03	4
Trichloroethene	0.0011 U	0.00097 U	0.0076	0.0022			0.00098 U	0.0012 U	0.0015 U	0.03	4
Trichlorofluoromethane (CFC-11) Vinyl Acetate	0.0011 U 0.0054 U	0.00097 U 0.0048 U	0.0010 U 0.0050 U	0.00080 U 0.0040 U			0.00098 U 0.0049 U	0.0012 U 0.0059 U	0.0015 U 0.0074 U	24,000 80,000	4

Boring Identification Sample Identification ² Sample Date Sample Start Depth (feet bgs)	0.5	FL358-B1-5-6 10/5/2017 5.0	58-B1 FL358-B1-10-11 10/5/2017 10	FL358-B1-13-14 10/5/2017 13	FL358-B3-0-0.5 10/5/2017 0.0	FL358-B3-0.5-1 10/5/2017 0.5	FL358-B3 FL358-B3-5-6 10/5/2017 5.0	FL358-B3-7-8 10/5/2017 7.0	FL358-B3-12-13 10/5/2017 12	MTCA Method A/B Cleanup Level ¹²	Naturally Occurring Background Metals in Puget Sound Soils ¹⁵
Sample End Depth (feet bgs)	1.0	6.0	11	14	0.5	1.0	6.0	8.0	13		
Vinyl Chloride	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0019 U	240	
Xylene, m-,p-	0.0021 U	0.0019 U	0.0020 U	0.0016 U			0.0020 U	0.0024 U	0.14 U		N/A
Xylene, o-	0.0011 U	0.00097 U	0.0010 U	0.00080 U			0.00098 U	0.0012 U	0.0015 U	9	N/A
Total Xylenes ⁷	0.0021 U	0.0019 U	0.0020 U	0.0016 U			0.0020 U	0.0024 U	0.14 U		
PAHs ¹⁰ (mg/kg)											
1-Methylnaphthalene											
2-Methylnaphthalene							-		-] _	
Naphthalene										5	
Total Naphthalenes ¹¹										1	
Acenaphthene						-				4,800	1
Acenaphthylene										NE	1
Anthracene							-			24,000	
Benzo(a)anthracene										See cPAHs	
Benzo(a)pyrene										See cPAHs	
Benzo(b)fluoranthene										See cPAHs]
Benzo(g,h,i)perylene										NE	N/A
Benzo(j,k)fluoranthene										See cPAHs]
Chrysene										See cPAHs	
Dibenzo(a,h)anthracene				-				-		See cPAHs]
Fluoranthene										3,200]
Fluorene										3,200]
Indeno(1,2,3-c,d)pyrene										See cPAHs]
Phenanthrene				-				-		NE]
Pyrene										2,400]
cPAHs (benzo(a)pyrene toxicity equivalent concentration) ¹⁴										0.1	

Boring Identification			FL358	-MW1					FL358-MW2			MTCA Method	Naturally Occurring Background
Sample Identification ²	FL358-MW1-0-0.5	FL358-MW1-0.5-1	FL358-MW1-1.5-2.5	FL358-MW1-5-6	FL358-MW1-12-13	FL358-MW1-19-20	FL358-MW2-0-0.5	FL358-MW2-0.5-1	FL358-MW2-1.5-2.5	FL358-MW2-9-10	FL358-MW2-13-14	A/B Cleanup	Metals in
Sample Date	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	Level ¹²	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	1.5	5.0	12	19	0.0	0.5	1.5	9.0	13	1	Soils ¹⁵
Sample End Depth (feet bgs)	0.5	1.0	2.5	6.0	13	20	0.5	1.0	2.5	10	14	1	
NWTPH-Gx ³ (mg/kg)													
Gasoline-range hydrocarbons			5.2 U	6.5 U					-		-	30/100 ¹³	N/A
NWTPH-Dx ⁴ (mg/kg)		L.		1								,	·
Diesel-range hydrocarbons			29 U	30 U					_			2,000	
Lube Oil-range hydrocarbons			100	79					_		_	2,000	N/A
Metals ⁵ (mg/kg)		<u> </u>						<u> </u>		<u>l</u>		,	
Arsenic	2.9 U	2.8 U					2.8 U	2.8 U				20	7
Lead	5.8 U	5.7 U					5.6 U	5.5 U				250	24
BTEX ⁶ (mg/kg)	2.3 0	1 5., 5	I.	ı			2.00	1 2.00		1		1	
			_								_	0.03	
Benzene Ethylbenzene												0.03	
Toluene												6	
Xylene, m-,p-												0	N/A
Xylene, o-												9	
Total Xylenes ⁷												·	
VOCs ⁸ (mg/kg)										<u>l</u>			
1,1,1,2-Tetrachloroethane		T	0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	38.5	
1,1,1-Trichloroethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	2	
1,1,2,2-Tetrachloroethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	5	
1,1,2-Trichloroethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.003 U	0.00087 U	0.00088 U	17.5	
1,1-Dichloroethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	175	
1,1-Dichloroethene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	4,000	
1,1-Dichloropropene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	NE	
1,2,3-Trichlorobenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	NE NE	
1,2,3-Trichloropropane			0.00098 U	0.00091 U	0.00099 U	0.00084 U	_		0.065 U	0.00087 U	0.00088 U	0.0333	
1,2,4-Trichlorobenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	34.5	
1,2,4-Trimethylbenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	NE	N/A
1,2-Dibromo-3-Chloropropane			0.0049 U	0.0045 U	0.0049 U	0.0042 U			0.32 U	0.0044 U	0.0044 U	1.25	
1,2-Dibromoethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	0.005	
1,2-Dichlorobenzene (o-Dichlorobenzene)		-	0.00098 U	0.00091 U	0.00099 U	0.00084 U	-		0.065 U	0.00087 U	0.00088 U	7,200	
1,2-Dichloroethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U	-	-	0.0011 U	0.00087 U	0.00088 U	11	
1,2-Dichloropropane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	27.8	
1,3,5-Trimethylbenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	800	
1,3-Dichlorobenzene (m-Dichlorobenzene)	-		0.00098 U	0.00091 U	0.00099 U	0.00084 U	-		0.065 U	0.00087 U	0.00088 U	NE	
1,3-Dichloropropane		-	0.00098 U	0.00091 U	0.00099 U	0.00084 U		-	0.0011 U	0.00087 U	0.00088 U	NE	
1,4-Dichlorobenzene (p-Dichlorobenzene)	-	-	0.00098 U	0.00091 U	0.00099 U	0.00084 U	-	-	0.065 U	0.00087 U	0.00088 U	185	
2,2-Dichloropropane			0.00098 U	0.00091 U	0.00099 U	0.00084 U		_	0.0011 U	0.00087 U	0.00088 U	NE	

Boring Identification			FL358-	MW1					FL358-MW2			MTCA Method	Naturally Occurring Background
Sample Identification ²	FL358-MW1-0-0.5	FL358-MW1-0.5-1	FL358-MW1-1.5-2.5	FL358-MW1-5-6	FL358-MW1-12-13	FL358-MW1-19-20	FL358-MW2-0-0.5	FL358-MW2-0.5-1	FL358-MW2-1.5-2.5	FL358-MW2-9-10	FL358-MW2-13-14	A/B Cleanup	Metals in
Sample Date	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	Level ¹²	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	1.5	5.0	12	19	0.0	0.5	1.5	9.0	13		Soils ¹⁵
Sample End Depth (feet bgs)	0.5	1.0	2.5	6.0	13	20	0.5	1.0	2.5	10	14		
2-Butanone (MEK)	-		0.024	0.039	0.0049 U	0.0042 U			0.018	0.0044 U	0.0044 U	48,000	
2-Chloroethyl vinyl ether			0.0049 U	0.0045 U	0.0049 U	0.0042 U			0.0053 U	0.0044 U	0.0044 U	NE	
2-Chlorotoluene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	1,600	1
2-Hexanone			0.0049 U	0.0045 U	0.0049 U	0.0042 U			0.0053 U	0.0044 U	0.0044 U	NE	1
4-Chlorotoluene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	NE	1
4-Methyl-2-Pentanone (Methyl isobutyl ketone)			0.0049 U	0.0045 U	0.0049 U	0.0042 U			0.0053 U	0.0044 U	0.0044 U	6,400	1
Acetone ⁹	-		0.20	0.34	0.069	0.014			0.18	0.052	0.018	72,000	1
Benzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	0.03	1
Bromobenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	NE	1
Bromochloromethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	NE	1
Bromodichloromethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U		_	0.0011 U	0.00087 U	0.00088 U	16.1	
Bromoform (Tribromomethane)			0.0049 U	0.0045 U	0.0049 U	0.0042 U		_	0.0053 U	0.0044 U	0.0044 U	127	
Bromomethane			0.0013 U	0.0012 U	0.0013 U	0.0011 U		_	0.0014 U	0.0011 U	0.0011 U	112	1
Carbon Disulfide			0.0015 U	0.0018	0.0015 U	0.0013 U			0.0016 U	0.0013 U	0.0013 U	8,000	1
Carbon Tetrachloride			0.00098 U	0.00091 U	0.00099 U	0.00084 U		_	0.0011 U	0.00087 U	0.00088 U	14.3	1
Chlorobenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U		_	0.0011 U	0.00087 U	0.00088 U	1,600	1
Chloroethane			0.0049 U	0.0045 U	0.0049 U	0.0042 U		_	0.0053 U	0.0044 U	0.0044 U	NE	1
Chloroform			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	32.3	1
Chloromethane			0.0049 U	0.0045 U	0.0049 U	0.0042 U			0.0053 U	0.0044 U	0.0044 U	NE	1
cis-1,2-Dichloroethene			0.00098 U	0.00091 U	0.00099 U	0.0016			0.0011 U	0.00087 U	0.00088 U	160	1
cis-1,3-Dichloropropene			0.00098 U	0.00091 U	0.00099 U	0.00084 U		_	0.0011 U	0.00087 U	0.00088 U	NE	1
Dibromochloromethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	11.9	1
Dibromomethane			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	800	N/A
Dichlorodifluoromethane (CFC-12)			0.0020 U	0.0018 U	0.0020 U	0.0017 U			0.0021 U	0.0017 U	0.0018 U	16,000	1
Ethylbenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	6	1
Hexachlorobutadiene			0.0049 U	0.0045 U	0.0049 U	0.0042 U		_	0.32 U	0.0044 U	0.0044 U	12.8	1
Isopropylbenzene (Cumene)			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	8,000	1
Methyl lodide (lodomethane)			0.0049 U	0.0045 U	0.0049 U	0.0042 U			0.0053 U	0.0044 U	0.0044 U	NE	†
Methyl t-butyl ether			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.0011 U	0.00087 U	0.00088 U	0.1	†
Methylene Chloride			0.0098 U	0.0091 U	0.0099 U	0.0084 U			0.011 U	0.0087 U	0.0088 U	0.02	†
Naphthalene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	5	†
n-Butylbenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	4,000	†
n-Propylbenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	8,000	1
p-Isopropyltoluene			0.0028	0.017	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	NE	1
Sec-Butylbenzene		_	0.00028 0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	8,000	
Styrene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.003 U	0.00087 U	0.00088 U	16,000	
Tert-Butylbenzene			0.00098 U	0.00091 U	0.00099 U	0.00084 U			0.065 U	0.00087 U	0.00088 U	8,000	1
Tetrachloroethene			0.00098 U	0.00091 U	0.00099 U	0.00084 0			0.003 U	0.00087 U	0.00088 U	0.05	1
Toluene			0.00098 U	0.00091 U	0.0049 U	0.0049 0.0042 U			0.0011 U	0.00087 U	0.00088 U	7	1
			0.0049 U	0.0045 U	0.0049 U	0.0042 U			0.0053 U	0.0044 U 0.00087 U	0.0044 U 0.00088 U	1,600	1
Trans-1,2-Dichloroethene			0.00098 U	0.00091 U	0.00099 U	0.00084 U				0.00087 U	0.00088 U		1
Trianleranthana				0.00091 U	0.00099 U	0.00084 0			0.0011 U	0.00087 U	0.00088 U	NE 0.03	-
Trichloroethene			0.00098 U					-	0.0011 U			0.03	-
Trichlorofluoromethane (CFC-11) Vinyl Acetate			0.00098 U 0.0049 U	0.00091 U 0.0045 U	0.00099 U 0.0049 U	0.00084 U 0.0042 U			0.0011 U 0.0053 U	0.00087 U 0.0044 U	0.00088 U 0.0044 U	24,000 80,000	1

Boring Identification			FL358						FL358-MW2			MTCA Method	Naturally Occurring Background
Sample Identification ²	FL358-MW1-0-0.	5 FL358-MW1-0.5-1	FL358-MW1-1.5-2.5	FL358-MW1-5-6	FL358-MW1-12-13	FL358-MW1-19-20	FL358-MW2-0-0.5	FL358-MW2-0.5-1	FL358-MW2-1.5-2.5	5 FL358-MW2-9-10	FL358-MW2-13-14	A/B Cleanup	Metals in
Sample Date	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	10/2/2017	Level ¹²	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	1.5	5.0	12	19	0.0	0.5	1.5	9.0	13		Soils ¹⁵
Sample End Depth (feet bgs)	0.5	1.0	2.5	6.0	13	20	0.5	1.0	2.5	10	14		
Vinyl Chloride			0.00098 U	0.00091 U	0.00099 U	0.00084 U		-	0.0011 U	0.00087 U	0.00088 U	240	
Xylene, m-,p-			0.0020 U	0.0018 U	0.0020 U	0.0017 U		-	0.0021 U	0.0017 U	0.0018 U		NI/A
Xylene, o-	-		0.00098 U	0.00091 U	0.00099 U	0.00084 U	-	-	0.0011 U	0.00087 U	0.00088 U	9	N/A
Total Xylenes ⁷		-	0.0020 U	0.0018 U	0.0020 U	0.0017 U	-	_	0.0021 U	0.0017 U	0.0018 U	1	
PAHs ¹⁰ (mg/kg)												•	
1-Methylnaphthalene		-		-			-	-	-	-	-		
2-Methylnaphthalene								-	-		-	5	
Naphthalene												5	
Total Naphthalenes ¹¹									-		-		
Acenaphthene		-						-	-	-	-	4,800	
Acenaphthylene								-	-		-	NE	
Anthracene								-	-		-	24,000	
Benzo(a)anthracene								-			-	See cPAHs	
Benzo(a)pyrene								-				See cPAHs	1
Benzo(b)fluoranthene	-							-			-	See cPAHs	
Benzo(g,h,i)perylene	-										-	NE	N/A
Benzo(j,k)fluoranthene	-							-			-	See cPAHs	
Chrysene	-							-				See cPAHs	
Dibenzo(a,h)anthracene								-				See cPAHs	
Fluoranthene								-				3,200	
Fluorene								-				3,200	
Indeno(1,2,3-c,d)pyrene								-				See cPAHs	
Phenanthrene												NE	
Pyrene								-				2,400	
cPAHs (benzo(a)pyrene toxicity equivalent concentration) ¹⁴							-		-	-		0.1	

Boring Identification			FL358-MW3				FL3!	58-MW4		MTCA Method	Naturally Occurring Background
Sample Identification ²	FL358-MW3-0-0.5	FL358-MW3-0.5-1	FL358-MW3-4-5	FL358-MW3-7-8	FL358-MW3-11-12	FL358-MW4-0-0.5	FL358-MW4-0.5-1	FL358-MW4-6.5-7.5	FL358-MW4-8.5-9.5	A/B Cleanup	Metals in
Sample Date	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	Level ¹²	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	4.0	7.0	11	0.0	0.5	6.5	8.5]	Soils ¹⁵
Sample End Depth (feet bgs)	0.5	1.0	5.0	8.0	12	0.5	1.0	7.5	9.5		
NWTPH-Gx ³ (mg/kg)											
Gasoline-range hydrocarbons								-		30/100 ¹³	N/A
NWTPH-Dx⁴ (mg/kg)					•						
Diesel-range hydrocarbons				_						2,000	
Lube Oil-range hydrocarbons	_			_				_	_	2,000	N/A
Metals ⁵ (mg/kg)					L					,	
Arsenic	6.2	2.7 U				2.8 U	2.8 U			20	7
Lead	5.3 U	5.3 U				5.5 U	5.5 U			250	24
BTEX ⁶ (mg/kg)	0.0 0	0.0 0				0.0 0	0.0 0				
										0.03	
Benzene Ethylbenzene										0.03 7	
Toluene								-		6	
Xylene, m-,p-								-		0	N/A
Xylene, o-										9	
Total Xylenes ⁷										- 9	
							<u> </u>			1	
VOCs ⁸ (mg/kg)			0.00095 U	0.00089 U	0.0007011			0.004011	0.00004.11	20.5	
1,1,1,2-Tetrachloroethane			0.00095 U	0.00089 U	0.00078 U 0.00078 U			0.0010 U 0.0010 U	0.00094 U 0.00094 U	38.5 2	
1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	5	
1,1,2,7-retrachioroethane			0.00095 U	0.00089 U	0.00078 U			0.003 U	0.00094 U	17.5	
1.1-Dichloroethane			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	17.5	
1,1-Dichloroethane			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	4,000	
1,1-Dichloropropene			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	NE	
1,2,3-Trichlorobenzene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	NE NE	
1,2,3-Trichloropropane			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	0.0333	
1,2,4-Trichlorobenzene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	34.5	
1,2,4-Trimethylbenzene	_		0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	NE	N/A
1,2-Dibromo-3-Chloropropane			0.0048 U	0.0045 U	0.0039 U			0.32 U	0.0047 U	1.25	
1,2-Dibromoethane			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	0.005	
1,2-Dichlorobenzene (o-Dichlorobenzene)			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	7,200	
1,2-Dichloroethane	-		0.00095 U	0.00089 U	0.00078 U	-	-	0.0010 U	0.00094 U	11	
1,2-Dichloropropane	-		0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	27.8	
1,3,5-Trimethylbenzene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	800	
1,3-Dichlorobenzene (m-Dichlorobenzene)			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	NE	
1,3-Dichloropropane	-	-	0.00095 U	0.00089 U	0.00078 U	-	-	0.0010 U	0.00094 U	NE	
1,4-Dichlorobenzene (p-Dichlorobenzene)			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	185	
2,2-Dichloropropane	-		0.00095 U	0.00089 U	0.00078 U	-	-	0.0010 U	0.00094 U	NE	

Boring Identification			FL358-MW3				FL3	58-MW4		MTCA Method	Naturally Occurring Background
Sample Identification ²	FL358-MW3-0-0.5	FL358-MW3-0.5-1	FL358-MW3-4-5	FL358-MW3-7-8	FL358-MW3-11-12	FL358-MW4-0-0.5	FL358-MW4-0.5-1	FL358-MW4-6.5-7.5	FL358-MW4-8.5-9.5	A/B Cleanup	Metals in
Sample Date	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	Level ¹²	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	4.0	7.0	11	0.0	0.5	6.5	8.5	1	Soils ¹⁵
Sample End Depth (feet bgs)		1.0	5.0	8.0	12	0.5	1.0	7.5	9.5	1	
2-Butanone (MEK)			0.0048 U	0.015	0.0078			0.056	0.0047 U	48,000	
2-Chloroethyl vinyl ether			0.0048 U	0.0045 U	0.0039 U			0.0051 U	0.0047 U	NE	
2-Chlorotoluene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	1,600	1
2-Hexanone			0.0048 U	0.0045 U	0.0039 U			0.0051 U	0.0047 U	NE	1
4-Chlorotoluene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	NE	1
4-Methyl-2-Pentanone (Methyl isobutyl ketone)			0.0048 U	0.0045 U	0.0039 U			0.0051 U	0.0047 U	6,400	1
Acetone ⁹			0.012	0.10	0.044			0.29	0.029	72,000	1
Benzene			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	0.03	1
Bromobenzene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	NE NE	1
Bromochloromethane			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	NE NE	1
Bromodichloromethane			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	16.1	
Bromoform (Tribromomethane)			0.0048 U	0.0045 U	0.0039 U			0.0051 U	0.0047 U	127	1
Bromomethane			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	112	1
Carbon Disulfide			0.00095 U	0.00089 U	0.0012			0.0012	0.00094 U	8,000	1
Carbon Tetrachloride			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	14.3	1
Chlorobenzene			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	1,600	1
Chloroethane			0.0048 U	0.0045 U	0.0039 U	<u></u>		0.0051 U	0.0047 U	NE	1
Chloroform			0.00095 U	0.00048 U	0.00078 U			0.0010 U	0.00094 U	32.3	1
Chloromethane			0.0065 U	0.0061 U	0.0053 U			0.0069 U	0.0067 U	NE	1
cis-1,2-Dichloroethene			0.00095 U	0.0001 U	0.0003 U			0.0009 U	0.0007 U	160	
cis-1,3-Dichloropropene			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	NE	
Dibromochloromethane			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	11.9	1
Dibromomethane			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	800	N/A
Dichlorodifluoromethane (CFC-12)			0.00093 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	16,000	-
Ethylbenzene			0.0023 U	0.0021 U	0.0019 U			0.0024 0	0.0025 U	6	-
Hexachlorobutadiene			0.00093 U	0.00089 U	0.00078 U			0.32 U	0.00094 U	12.8	1
					0.0039 U						-
Isopropylbenzene (Cumene)			0.00095 U	0.00089 U				0.0010 U	0.00094 U	8,000	
Methyl lodide (lodomethane)			0.0071 U	0.0066 U	0.0057 U			0.0075 U	0.0067 U	NE 0.4	
Methyl t-butyl ether			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	0.1	
Methylene Chloride			0.0048 U	0.0045 U	0.0039 U			0.0051 U	0.0047 U	0.02	
Naphthalene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	5	
n-Butylbenzene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	4,000	
n-Propylbenzene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	8,000	
p-lsopropyltoluene			0.00095 U	0.0014	0.0029		-	0.065 U	0.00094 U	NE	
Sec-Butylbenzene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	8,000	
Styrene	-		0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	16,000	
Tert-Butylbenzene			0.00095 U	0.00089 U	0.00078 U			0.065 U	0.00094 U	8,000	
Tetrachloroethene			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	0.05	
Toluene			0.0048 U	0.0045 U	0.0039 U			0.0051 U	0.0047 U	7	
Trans-1,2-Dichloroethene			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	1,600	
Trans-1,3-Dichloropropene			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	NE]
Trichloroethene			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	0.03	
Trichlorofluoromethane (CFC-11)			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	24,000	
Vinyl Acetate		-	0.0048 U	0.0045 U	0.0039 U			0.0051 U	0.0047 U	80,000	1

Boring Identification			FL358-MW3					58-MW4		MTCA Method	Naturally Occurring Background
Sample Identification ²	FL358-MW3-0-0.5		FL358-MW3-4-5	FL358-MW3-7-8	FL358-MW3-11-12	FL358-MW4-0-0.5	FL358-MW4-0.5-1	FL358-MW4-6.5-7.5	FL358-MW4-8.5-9.5	A/B Cleanup Level ¹²	Metals in
Sample Date	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	Levei	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	4.0	7.0	11	0.0	0.5	6.5	8.5]	Soils ¹⁵
Sample End Depth (feet bgs)	0.5	1.0	5.0	8.0	12	0.5	1.0	7.5	9.5		
Vinyl Chloride			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.0012 U	240	
Xylene, m-,p-			0.0019 U	0.0018 U	0.0016 U			0.0020 U	0.0019 U		N/A
Xylene, o-			0.00095 U	0.00089 U	0.00078 U			0.0010 U	0.00094 U	9	IN/A
Total Xylenes ⁷			0.0019 U	0.0018 U	0.0016 U			0.0020 U	0.0019 U		
PAHs ¹⁰ (mg/kg)											
1-Methylnaphthalene											
2-Methylnaphthalene				-] _	
Naphthalene										5	
Total Naphthalenes ¹¹										1	
Acenaphthene				-	-			-		4,800	
Acenaphthylene										NE	
Anthracene										24,000	
Benzo(a)anthracene										See cPAHs	
Benzo(a)pyrene										See cPAHs	
Benzo(b)fluoranthene										See cPAHs	
Benzo(g,h,i)perylene										NE	N/A
Benzo(j,k)fluoranthene										See cPAHs	
Chrysene										See cPAHs	
Dibenzo(a,h)anthracene										See cPAHs	
Fluoranthene										3,200	
Fluorene										3,200	
Indeno(1,2,3-c,d)pyrene										See cPAHs	
Phenanthrene										NE	
Pyrene										2,400	
cPAHs (benzo(a)pyrene toxicity equivalent concentration) ¹⁴										0.1	

Notes:

bgs = below ground surface NE = not established

N/A = not applicable

"--" = not tested

mg/kg = milligrams per kilogram

g/ kg – minigrams per knogram

MTCA = Model Toxics Control Act
U = Analyte was not detected at or greater than the listed reporting limit.

TEF = Toxicity Equivalency Factor as defined in WAC 173-340-900 Table 708-2.

Bold font type indicates that the analyte was detected at a concentration greater than the respective laboratory reporting limit.

Grey shading indicates that the detected result exceeds the specified MTCA Cleanup Level.

¹Chemical analysis performed by OnSite Environmental, Inc., of Redmond, Washington.

² Sample ID = Parcel ID - boring number - depth of sample [feet bgs]. FL358-B1-0.5-1 = Boring 1 from Parcel FL358, collected from a depth of 0.5 to 1 feet bgs.

 $^{^{\}rm 3}\,{\rm Gasoline}\text{-}{\rm range}$ petroleum hydrocarbons by Northwest Method NWTPH-Gx.

 $^{^{4}}$ Diesel- and lube oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx.

⁵ Resource Conservation Recovery Act (RCRA) metals analyzed by EPA 6000/7000 series method.

⁶ Benzene, toluene, ethylbenzene, xylenes (BTEX) by United States Environmental Protection Agency (EPA) Method 8021B.

⁷ Total xylenes consists of m,p- and o- xylenes. The higher detection limit is used for non-detects.

⁸ Volatile organic compounds (VOCs) analyzed by United States Environmental Protection Agency (EPA) Method 8260C.

⁹ Acetone is a common laboratory contaminant.

 $^{^{10}}$ Polycyclic aromatic hydrocarbons (PAHs) and carcinogenic PAHs (cPAHs) analyzed by EPA Method 8270D/SIM.

 $^{^{11}}$ Total naphthalenes consists of 1-methylnaphthalene, 2-methylnaphthalene and naphthalene.

 $^{^{12}}$ MTCA Method B cleanup level used when Method A cleanup level has not been established.

¹³ Model Toxics Control Act (MTCA) Method A cleanup level for gasoline is 30 mg/kg if benzene is detected or if the sum of toluene, ethylbenzene and xylenes are greater than or equal to 1% of the total gasoline detection.

¹⁴ Results for cPAHs are shown as the sum of the benzo[a]pyrene toxicity equivalent concentrations, calculated by multiplying each individual cPAH concentration by its corresponding TEF. In this sum, non-detects are represented as ½ of the corresponding analyte reporting limit multiplied by the TEF.

¹⁵ 90th Percentile for natural background soil metals concentrations in Puget Sound region, Department of Ecology, publication #94-115, dated October 1994.

Table 2
Summary of Groundwater Chemical Analytical Results¹ - Y Pay Mor Dry Cleaner Explorations

Sound Transit - Federal Way Link Extension FL358/FL361/FL363 Federal Way, Washington

Well Identification		FL358-MW2	FL358-MV		FL358-MW4	Y Pay Mor-MW3	
· · · · · · · · · · · · · · · · · · ·		FL358-MW2-20171006	FL358-MW3-20171009			FL358-YPAYMOR MW3-20171003	MTCA Method A/B
Sample Date	10/6/2017	10/6/2017	10/9/2017	10/9/2017	10/6/2017	10/3/2017	Cleanup Level ¹⁰
NWTPH-Gx ³ (ug/L)							
Gasoline-range hydrocarbons		-			-		800/1,000 ¹¹
NWTPH-Dx ⁴ (mg/L)							
Diesel-range hydrocarbons							0.5
Lube Oil-range hydrocarbons	-	-					0.5
Metals ⁵ (ug/L)							
Lead							15
VOCs ⁶ (ug/L)							
1,1,1,2-Tetrachloroethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.68
1,1,1-Trichloroethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	200
1,1,2,2-Tetrachloroethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.26 U	0.219
1,1,2-Trichloroethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.768
1,1-Dichloroethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	7.68
1,1-Dichloroethene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	400
1,1-Dichloropropene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,2,3-Trichlorobenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,2,3-Trichloropropane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.00146
1,2,4-Trichlorobenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.51
1,2,4-Trimethylbenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,2-Dibromo-3-Chloropropane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3 U	0.0547
1,2-Dibromoethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.01
1,2-Dichlorobenzene (o-Dichlorobenzene)	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	720
1,2-Dichloroethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5
1,2-Dichloropropane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.22
1,3,5-Trimethylbenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	80
1,3-Dichlorobenzene (m-Dichlorobenzene)	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,3-Dichloropropane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,4-Dichlorobenzene (p-Dichlorobenzene)	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	8.10
2,2-Dichloropropane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
2-Butanone (MEK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4,800
2-Chloroethyl vinyl ether	4.5 U	4.5 U	10 U	10 U	4.5 U	3.7 U	NE 100
2-Chlorotoluene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	160
2-Hexanone	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.6 U	NE
4-Chlorotoluene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE 640
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	2.0 U	2.0 U	2.5 U	2.5 U	2.0 U	2.6 U	640
Acetone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	7,200
Benzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5 NE
Bromobleromethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Bromochloromethane Bromodichloromethane	0.20 U	0.20 U 0.20 U	0.20 U	0.20 U	0.20 U	0.20 U 0.20 U	NE 0.706
Bromodichloromethane Bromoform (Tribromomethane)	0.20 U 1.0 U	0.20 U	0.20 U 1.0 U	0.20 U 1.0 U	0.20 U 1.0 U	0.20 U	5.54

Well Identification	FL358-MW1	FL358-MW2	FL358-MW	/3	FL358-MW4	Y Pay Mor-MW3	
Sample Identification ²	FL358-MW1-20171006	FL358-MW2-20171006	FL358-MW3-20171009	DUP-20171009	FL358-MW4-20171006	FL358-YPAYMOR MW3-20171003	MTCA Method A/B
Sample Date		10/6/2017	10/9/2017	10/9/2017	10/6/2017	10/3/2017	Cleanup Level ¹⁰
Bromomethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	11.2
Carbon Disulfide	0.20 U	0.20 U	0.27 U	0.27 U	0.20 U	0.20 U	800
Carbon Tetrachloride	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.625
Chlorobenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	160
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NE
Chloroform	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.41
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NE
cis-1,2-Dichloroethene	0.61	0.20 U	0.20 U	0.20 U	0.34	0.20	16
cis-1,3-Dichloropropene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
Dibromochloromethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.521
Dibromomethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	80
Dichlorodifluoromethane (CFC-12)	0.39 U	0.39 U	0.20 U	0.20 U	0.39 U	0.20 U	1,600
Ethylbenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	700
Hexachlorobutadiene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.561
Isopropylbenzene (Cumene)	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	800
Methyl lodide (lodomethane)	1.4 U	1.4 U	2.0 U	2.0 U	1.4 U	1.5 U	NE
Methyl t-butyl ether	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	20
Methylene Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5
Naphthalene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.4 U	160
n-Butylbenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	400
n-Propylbenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	800
p-Isopropyltoluene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE NE
Sec-Butylbenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	800
Styrene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1,600
Tert-Butylbenzene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	800
Tetrachloroethene	0.21	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5
Toluene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1,000
Trans-1,2-Dichloroethene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	160
Trans-1,3-Dichloropropene	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE NE
Trichloroethene	1.0	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5
Trichlorofluoromethane (CFC-11)	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	2,400
Vinyl Acetate	1.0 U	1.0 U	1.3 U	1.3 U	1.0 U	1.3 U	8,000
Vinyl Chloride	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2
Xylene, m-,p-	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	
Xylene, o-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1,000
Total Xylenes ⁷	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	2,000
PAHs ⁸ (ug/L)	0.100	0.100	0.100	0.100	0.100	0.10 0	
1-Methylnaphthalene		<u></u>					
2-Methylnaphthalene		<u></u>					
Naphthalene							160
Total Naphthalenes ⁹						-	
•							060
Acenaphthylana						-	960 NE
Acenaphthylene						-	
Anthracene	-			-		-	4,800
Benzo(a)anthracene							See cPAHs
Benzo(a)pyrene							See cPAHs
Benzo(b)fluoranthene							See cPAHs
Benzo(g,h,i)perylene							NE Can a BANTA
Benzo(j,k)fluoranthene							See cPAHs
Chrysene							See cPAHs

Well Identification	FL358-MW1	FL358-MW2	FL358-MV	V3	FL358-MW4	Y Pay Mor-MW3	
Sample Identification ²	FL358-MW1-20171006	FL358-MW2-20171006	FL358-MW3-20171009	DUP-20171009	FL358-MW4-20171006	FL358-YPAYMOR MW3-20171003	MTCA Method A/B
Sample Date	10/6/2017	10/6/2017	10/9/2017	10/9/2017	10/6/2017	10/3/2017	Cleanup Level ¹⁰
Dibenzo(a,h)anthracene					-		See cPAHs
Fluoranthene					-		640
Fluorene					-		640
Indeno(1,2,3-c,d)pyrene					-		See cPAHs
Phenanthrene					-		NE
Pyrene							480
cPAHs (benzo(a)pyrene toxicity equivalent concentration) ¹²			-			-	0.1

"--" = not tested

mg/L = milligrams per liter

μg/L = micrograms per liter

MTCA = Model Toxics Control Act

NE = not established

Notes:

U = Analyte was not detected at or greater than the listed reporting limit.

TEF = Toxicity Equivalency Factor as defined in WAC 173-340-900 Table 708-2.

Bold font type indicates that the analyte was detected at a concentration greater than the respective laboratory reporting limit.

Grey shading indicates that the detected result exceeds the specified MTCA Cleanup Level.

 $^{^{\}rm 1}$ Chemical analysis performed by OnSite Environmental, Inc., of Redmond, Washington.

 $^{^{2}}$ Sample ID = Parcel ID - boring number - collection date. FL358-MW1-20171006 = MW 1 from Parcel FL358, collected on 10/6/2017.

³ Gasoline-range petroleum hydrocarbons by Northwest Method NWTPH-Gx.

⁴ Diesel- and lube oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx.

⁵ Resource Conservation Recovery Act (RCRA) metals analyzed by United States Environmental Protection Agency (EPA) Method 200.8.

⁶ Volatile organic compounds (VOCs) analyzed by United States Environmental Protection Agency (EPA) Method 8260C.

⁷ Total xylenes consists of m,p- and o- xylenes. The higher detection limit is used for non-detects.

⁸ Polycyclic aromatic hydrocarbons (PAHs) and carcinogenic PAHs (cPAHs) analyzed by EPA Method 8270D/SIM.

⁹ Total naphthalenes consists of 1-methylnaphthalene, 2-methylnaphthalene and naphthalene.

 $^{^{\}rm 10}$ MTCA Method B cleanup level used when Method A cleanup level has not been established.

 $^{^{11}}$ Model Toxics Control Act (MTCA) Method A cleanup level for gasoline is 800 μ g/L if benzene is detected.

Results for cPAHs are shown as the sum of the benzo[a]pyrene toxicity equivalent concentrations, calculated by multiplying each individual cPAH concentration by its corresponding TEF. In this sum, non-detects are represented as ½ of the corresponding analyte reporting limit multiplied by the TEF.

Table 3 Summary of Soil Chemical Analytical Results¹ - ARCO Explorations

Sound Transit - Federal Way Link Extension FL358/FL361/FL363
Federal Way, Washington

Boring Identification			FI	363-B4					FL363-B5			MTCA Method	Naturally Occurring
	FL363-B4-0-0.5	FI 363-B4-0 5-1			FL363-B4-12-13	FI 363-R4-17-18	FI 363-B5-0-0 5	FL363-B5-0.5-1		FL363-B5-11.5-12.5	FI 363-R5-17-18	A/B Cleanup	Background Metals in
Sample Date	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	Level ¹²	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	7.0	11	12	17	0.0	0.5	5.5	11.5	17	ı	Soils ¹⁵
Sample End Depth (feet bgs)	0.5	1.0	8.0	12	13	18	0.5	1.0	6.5	12.5	18		30115
NWTPH-Gx ³ (mg/kg)	0.0	0	0.0				0.0		0.0				
Gasoline-range hydrocarbons			8.8 U	73	1,300	8.8			5.7 U	500	5.6 U	30/100 ¹³	N/A
NWTPH-Dx ⁴ (mg/kg)	l		0.0 0		_,,	0.0		l	j		1 0.00	30/ 100	14/1
Diesel-range hydrocarbons			74 ¹⁶	130 U	200 U	31 U			28 U	320 U	27 U	2,000	
Lube Oil-range hydrocarbons			500	58 U	56 U	98			55 U	60 U	54 U	2,000	N/A
Metals ⁵ (mg/kg)			300	30 0	30 0	30			33 0		3+0	2,000	
	5.3 U	5.5 U					5.3 U	5.6 U				20	7
Arsenic	5.3 U	5.5 U	31	5.8 U	5.6 U	6.2 U	5.3 U	5.6 U	5.5 U	6.0 U	5.4 U	20 250	1
Lead	J.3 U	J.J U	31	5.60	5.60	0.∠ 0	ა.ა 0	5.60	5.5 0	0.0 0	J.4 U	∠50	24
BTEX ⁶ (mg/kg)	Ī	T					1	ı	1		I	0.00	
Benzene										-		0.03	
Ethylbenzene			-							-		ı	
Toluene												6	N/A
Xylene, m-,p-										-		0	
Xylene, o-										-		9	
Total Xylenes ⁷													
VOCs ⁸ (mg/kg)	Ī	•					1	7	1		T		
1,1,1,2-Tetrachloroethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	38.5	
1,1,1-Trichloroethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	2	
1,1,2,2-Tetrachloroethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	5	
1,1,2-Trichloroethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	17.5	
1,1-Dichloroethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	175	
1,1-Dichloroethene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	4,000	
1,1-Dichloropropene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	NE	
1,2,3-Trichlorobenzene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	NE	
1,2,3-Trichloropropane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	0.0333	
1,2,4-Trichlorobenzene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	34.5	
1,2,4-Trimethylbenzene			0.053	0.058 U	47	0.015			0.0025	3.8	0.0084	NE	N/A
1,2-Dibromo-3-Chloropropane			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.0051 U	1.25	
1,2-Dibromoethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	0.005	
1,2-Dichlorobenzene (o-Dichlorobenzene)			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	7,200	
1,2-Dichloroethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	11	
1,2-Dichloropropane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	27.8	
1,3,5-Trimethylbenzene			0.022	0.058 U	18	0.0024			0.0012 U	0.39	0.0014	800	
1,3-Dichlorobenzene (m-Dichlorobenzene)			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	NE	
1,3-Dichloropropane			0.0016 U	0.058 U	0.046 U	0.00097 U		-	0.0012 U	0.061 U	0.0010 U	NE	
1,4-Dichlorobenzene (p-Dichlorobenzene)			0.0016 U	0.058 U	0.046 U	0.00097 U		-	0.0012 U	0.061 U	0.0010 U	185	
2,2-Dichloropropane			0.0016 U	0.058 U	0.046 U	0.00097 U		_	0.0012 U	0.061 U	0.0010 U	NE	

Boring Identification			FL	363-B4					FL363-B5			MTCA Method	Naturally Occurring Background
Sample Identification ²	FL363-B4-0-0.5	FL363-B4-0.5-1			FL363-B4-12-13	FL363-B4-17-18	FL363-B5-0-0.5	FL363-B5-0.5-1	FL363-B5-5.5-6.5	FL363-B5-11.5-12.5	FL363-B5-17-18	A/B Cleanup	Metals in
Sample Date	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	Level ¹²	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	7.0	11	12	17	0.0	0.5	5.5	11.5	17	†	Soils ¹⁵
Sample End Depth (feet bgs)	0.5	1.0	8.0	12	13	18	0.5	1.0	6.5	12.5	18	†	Jons
2-Butanone (MEK)			0.058	0.29 U	0.23 U	0.0048 U			0.015	0.30 U	0.0070	48,000	
2-Chloroethyl vinyl ether			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.0051 U	NE	†
2-Chlorotoluene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	1,600	†
2-Hexanone			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.0051 U	NE	†
4-Chlorotoluene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	NE	†
4-Methyl-2-Pentanone (Methyl isobutyl ketone)			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.0051 U	6,400	†
Acetone ⁹			0.25	0.29 U	0.23 U	0.028			0.21	0.30 U	0.065	72,000	†
Benzene			0.0035	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.012	0.03	†
Bromobenzene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	NE	1
Bromochloromethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	NE	1
Bromodichloromethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	16.1	1
Bromoform (Tribromomethane)			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.0051 U	127	1
Bromomethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	112	†
Carbon Disulfide			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	8,000	†
Carbon Tetrachloride			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	14.3	1
Chlorobenzene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	1,600	1
Chloroethane			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.0051 U	NE	1
Chloroform			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	32.3	1
Chloromethane			0.0080 U	0.29 U	0.23 U	0.0063 U			0.0079 U	0.30 U	0.0051 U	NE	1
cis-1,2-Dichloroethene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	160	1
cis-1,3-Dichloropropene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	NE NE	†
Dibromochloromethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	11.9	1
Dibromomethane			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	800	N/A
Dichlorodifluoromethane (CFC-12)			0.0029 U	0.10 U	0.082 U	0.0021 U			0.0027 U	0.11 U	0.0018 U	16,000	†
Ethylbenzene			0.0016 U	0.058 U	3.7	0.0046			0.0027	11	0.011	6	1
Hexachlorobutadiene			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.0051 U	12.8	1
Isopropylbenzene (Cumene)			0.021	0.058 U	0.98	0.0011			0.0012 U	1.5	0.0014	8,000	1
Methyl lodide (lodomethane)			0.0080 U	0.29 U	0.23 U	0.0067 U			0.0012 U	0.30 U	0.0014 0.0051 U	8,000 NE	1
· · · · · · · · · · · · · · · · · · ·			0.0080 U 0.0016 U	0.29 U	0.23 U	0.0007 U			0.0084 U	0.061 U	0.0031 U	0.1	1
Methylone Chloride			0.0016 U	0.58 U	0.46 U	0.00097 U			0.0012 U	0.61 U	0.0010 U	0.1	1
Methylene Chloride			L	0.58 U	4.3	0.0097 0			0.012 U	3.5	0.010 U		1
Naphthalene			0.0030	0.058 U	4.3 6.8	0.0078			0.0012 U		0.0010 0	5	4
n-Butylbenzene			0.027 0.076		5.1	0.0028				3.2	0.0017	4,000	1
n-Propylbenzene				0.058 U	0.63	0.0067 0.00097 U			0.0012 U 0.0012 U	6.2		8,000	4
p-Isopropyltoluene			0.021	0.058 U						0.23	0.0010 U	NE 0.000	4
Sec-Butylbenzene			0.033	0.058 U	1.1	0.00097 U			0.0012 U	0.86	0.0010 U	8,000	-
Styrene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	16,000	-
Tert-Butylbenzene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	8,000	4
Tetrachloroethene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	0.05	1
Toluene			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.018	7	4
Trans-1,2-Dichloroethene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	1,600	4
Trans-1,3-Dichloropropene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	NE	4
Trichloroethene			0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	0.03	4
Trichlorofluoromethane (CFC-11)			0.0016 U	0.058 U	0.046 U	0.00097 U		-	0.0012 U	0.061 U	0.0010 U	24,000	4
Vinyl Acetate			0.0080 U	0.29 U	0.23 U	0.0048 U			0.0061 U	0.30 U	0.0051 U	80,000	

Boring Identification			FL	.363-B4					FL363-B5			MTCA Method	Naturally Occurring Background
Sample Identification ²	FL363-B4-0-0.5	FL363-B4-0.5-1	FL363-B4-7-8	FL363-B4-11-12	FL363-B4-12-13	FL363-B4-17-18	FL363-B5-0-0.5	FL363-B5-0.5-1	FL363-B5-5.5-6.5	FL363-B5-11.5-12.5	FL363-B5-17-18	A/B Cleanup	Metals in
Sample Date	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	Level ¹²	Puget Sound
Sample Start Depth (feet bgs)	0.0	0.5	7.0	11	12	17	0.0	0.5	5.5	11.5	17		Soils ¹⁵
Sample End Depth (feet bgs)	0.5	1.0	8.0	12	13	18	0.5	1.0	6.5	12.5	18		
Vinyl Chloride		-	0.0016 U	0.058 U	0.046 U	0.00097 U			0.0012 U	0.061 U	0.0010 U	240	
Xylene, m-,p-		-	0.049	0.12 U	20	0.011			0.012	0.80	0.013		N/A
Xylene, o-		-	0.0017	0.058 U	2.8	0.0022			0.0037	0.069	0.0040	9	N/A
Total Xylenes ⁷		-	0.0507	0.12 U	22.8	0.0132			0.0157	0.869	0.0170		
PAHs ¹⁰ (mg/kg)												-	-
1-Methylnaphthalene		-	0.010	0.51	0.45	0.012			0.0073 U	0.55	0.0073 U		
2-Methylnaphthalene		-	0.016	1.1	0.81	0.022			0.0073 U	1.0	0.0073 U	_	
Naphthalene		-	0.065	0.79	1.1	0.033			0.029	1.3	0.0073 U	5	
Total Naphthalenes ¹¹		-	0.091	2.4	2.36	0.067			0.029	2.85	0.0073 U		
Acenaphthene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	4,800	1
Acenaphthylene		-	0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	NE	1
Anthracene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	24,000	1
Benzo(a)anthracene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	See cPAHs	1
Benzo(a)pyrene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	See cPAHs	
Benzo(b)fluoranthene		-	0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	See cPAHs	
Benzo(g,h,i)perylene		-	0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	NE	N/A
Benzo(j,k)fluoranthene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	See cPAHs	
Chrysene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	See cPAHs	
Dibenzo(a,h)anthracene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	See cPAHs	
Fluoranthene			0.010	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	3,200	
Fluorene			0.0092 U	0.0084	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	3,200]
Indeno(1,2,3-c,d)pyrene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	See cPAHs	
Phenanthrene			0.015	0.011	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	NE	
Pyrene			0.0092 U	0.0078 U	0.0075 U	0.0082 U			0.0073 U	0.0080 U	0.0073 U	2,400	
cPAHs (benzo(a)pyrene toxicity equivalent concentration) ¹⁴			0.0069 U	0.0059 U	0.0057 U	0.0062 U			0.0055 U	0.006 U	0.0055 U	0.1	

Boring Identification		FL363-B6				FL363-B7			MTCA Method	Naturally Occurring Background
Sample Identification ²	FL363-B6-6-7	FL363-B6-11-12	FL363-B6-17-18		FL363-B7-0.5-1	FL363-B7-6-7		FL363-B7-17-18	Level ¹²	Metals in Puget
Sample Date	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	Levei	Sound Soils ¹⁵
Sample Start Depth (feet bgs)	6.0	11	17	0.0	0.5	6.0	10	17	1	Souria Soils
Sample End Depth (feet bgs)	7.0	12	18	0.5	1.0	7.0	11	18		
NWTPH-Gx ³ (mg/kg)		_								•
Gasoline-range hydrocarbons	7.5 U	8.6 U	5.5 U			5.3 U	5.4 U	4.9 U	30/100 ¹³	N/A
NWTPH-Dx ⁴ (mg/kg)										
Diesel-range hydrocarbons	28 U	36 U	29 U			28 U	29 U	28 U	2,000	N/A
Lube Oil-range hydrocarbons	63	100	57 U			56 U	58 U	57 U	2,000	N/A
Metals ⁵ (mg/kg)										
Arsenic	-			5.6 U	5.6 U				20	7
Lead	5.5 U	23	5.7 U	5.6 U	5.6 U	5.6 U	5.8 U	5.7 U	250	24
BTEX ⁶ (mg/kg)		•	•	•			•	•	•	•
Benzene			0.020 U						0.03	
Ethylbenzene			0.055 U						7	1
Toluene			0.055 U						6	1
Xylene, m-,p-			0.055 U							N/A
Xylene, o-			0.055 U						9	
Total Xylenes ⁷			0.055 U						1	
VOCs ⁸ (mg/kg)		<u> </u>					1		<u> </u>	<u>!</u>
1,1,1,2-Tetrachloroethane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	38.5	
1,1,1-Trichloroethane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	2	1
1,1,2,2-Tetrachloroethane	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	5	†
1,1,2-Trichloroethane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	17.5	1
1.1-Dichloroethane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	175	†
1,1-Dichloroethene	0.0012 U	0.0025 U	0.0011 U		_	0.0010 U	0.00079 U	0.0010 U	4,000	1
1,1-Dichloropropene	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	NE	†
1,2,3-Trichlorobenzene	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	NE	1
1,2,3-Trichloropropane	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	0.0333	1
1,2,4-Trichlorobenzene	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	34.5	1
1,2,4-Trimethylbenzene	0.061 U	0.097 U	0.0011 U			0.0041	0.0020	0.0010 U	NE	N/A
1,2-Dibromo-3-Chloropropane	0.31 U	0.49 U	0.0056 U			0.0052 U	0.0039 U	0.0051 U	1.25	1
1,2-Dibromoethane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	0.005	1
1,2-Dichlorobenzene (o-Dichlorobenzene)	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	7,200	1
1,2-Dichloroethane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	11	1
1,2-Dichloropropane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	27.8	1
1,3,5-Trimethylbenzene	0.061 U	0.097 U	0.0011 U			0.0017	0.0012	0.0010 U	800	1
1,3-Dichlorobenzene (m-Dichlorobenzene)	0.061 U	0.097 U	0.0011 U		-	0.0010 U	0.00079 U	0.0010 U	NE	1
1,3-Dichloropropane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	NE	1
1,4-Dichlorobenzene (p-Dichlorobenzene)	0.061 U	0.097 U	0.0011 U		-	0.0010 U	0.00079 U	0.0010 U	185	1
2,2-Dichloropropane	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	NE	1

Boring Identification		FL363-B6				FL363-B7			MTCA Method	Naturally Occurring Background
Sample Identification ²	FL363-B6-6-7	FL363-B6-11-12	FL363-B6-17-18	FL363-B7-0-0.5	FL363-B7-0.5-1	FL363-B7-6-7	FL363-B7-10-11	FL363-B7-17-18		Metals in Puget
Sample Date	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/4/2017	Level ¹²	
Sample Start Depth (feet bgs)	6.0	11	17	0.0	0.5	6.0	10	17		Sound Soils ¹⁵
Sample End Depth (feet bgs)	7.0	12	18	0.5	1.0	7.0	11	18		
2-Butanone (MEK)	0.023	0.13	0.0056 U			0.0072	0.0043	0.0051 U	48,000	
2-Chloroethyl vinyl ether	0.0059 U	0.012 U	0.0056 U	-	-	0.0052 U	0.0039 U	0.0051 U	NE]
2-Chlorotoluene	0.061 U	0.097 U	0.0011 U	-	-	0.0010 U	0.00079 U	0.0010 U	1,600	
2-Hexanone	0.0059 U	0.012 U	0.0056 U	-	-	0.0052 U	0.0039 U	0.0051 U	NE	
4-Chlorotoluene	0.061 U	0.097 U	0.0011 U	-	-	0.0010 U	0.00079 U	0.0010 U	NE	
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	0.0059 U	0.012 U	0.0056 U	-	-	0.0052 U	0.0039 U	0.0051 U	6,400	
Acetone ⁹	0.23	0.56	0.0056 U			0.091	0.047	0.0051 U	72,000	
Benzene	0.020	0.0025	0.0011 U			0.0010 U	0.00089	0.0010 U	0.03	1
Bromobenzene	0.061 U	0.097 U	0.0011 U		-	0.0010 U	0.00079 U	0.0010 U	NE	
Bromochloromethane	0.0012 U	0.0025 U	0.0011 U	-	-	0.0010 U	0.00079 U	0.0010 U	NE]
Bromodichloromethane	0.0012 U	0.0025 U	0.0011 U	-	-	0.0010 U	0.00079 U	0.0010 U	16.1	1
Bromoform (Tribromomethane)	0.0059 U	0.012 U	0.0056 U	-	-	0.0052 U	0.0039 U	0.0051 U	127	1
Bromomethane	0.0012 U	0.0025 U	0.0011 U	-	_	0.0010 U	0.00079 U	0.0010 U	112	1
Carbon Disulfide	0.0026	0.0025 U	0.0011 U	-	_	0.0010 U	0.00079 U	0.0010 U	8,000	1
Carbon Tetrachloride	0.0012 U	0.0025 U	0.0011 U	-	_	0.0010 U	0.00079 U	0.0010 U	14.3	1
Chlorobenzene	0.0012 U	0.0025 U	0.0011 U	-	_	0.0010 U	0.00079 U	0.0010 U	1,600	1
Chloroethane	0.0059 U	0.012 U	0.0056 U			0.0052 U	0.0039 U	0.0051 U	NE	1
Chloroform	0.0012 U	0.0025 U	0.0011 U		-	0.0010 U	0.00079 U	0.0010 U	32.3	1
Chloromethane	0.0059 U	0.012 U	0.0056 U		-	0.0052 U	0.0039 U	0.0051 U	NE	1
cis-1,2-Dichloroethene	0.0012 U	0.0025 U	0.0011 U		-	0.0010 U	0.00079 U	0.0010 U	160	1
cis-1,3-Dichloropropene	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	NE	1
Dibromochloromethane	0.0012 U	0.0025 U	0.0011 U		-	0.0010 U	0.00079 U	0.0010 U	11.9	1
Dibromomethane	0.0012 U	0.0025 U	0.0011 U	-	_	0.0010 U	0.00079 U	0.0010 U	800	N/A
Dichlorodifluoromethane (CFC-12)	0.0021 U	0.0044 U	0.0020 U	-	_	0.0019 U	0.0014 U	0.0018 U	16,000	1
Ethylbenzene	0.0014	0.0025 U	0.0011 U			0.0016	0.0013	0.0010 U	6	†
Hexachlorobutadiene	0.31 U	0.49 U	0.0056 U			0.0052 U	0.0039 U	0.0051 U	12.8	†
Isopropylbenzene (Cumene)	0.0012 U	0.0025 U	0.0011 U	_	_	0.0010 U	0.00079 U	0.0010 U	8,000	†
Methyl lodide (lodomethane)	0.0059 U	0.012 U	0.0056 U	_		0.0052 U	0.0039 U	0.0051 U	NE	1
Methyl t-butyl ether	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	0.1	1
Methylene Chloride	0.012 U	0.025 U	0.011 U			0.010 U	0.0079 U	0.010 U	0.02	1
Naphthalene	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	5	1
n-Butylbenzene	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	4,000	†
n-Propylbenzene	0.061 U	0.097 U	0.0011 U			0.0013	0.00079 U	0.0010 U	8,000	1
p-Isopropyltoluene	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	NE	1
Sec-Butylbenzene	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	8,000	1
Styrene	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	16,000	1
Tert-Butylbenzene	0.061 U	0.097 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	8,000	1
Tetrachloroethene	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	0.05	1
Toluene	0.0012 U	0.0023 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	7	1
Trans-1,2-Dichloroethene	0.0039 U	0.012 U	0.0030 U			0.0032 U	0.0039 U	0.0031 U	1,600	1
Trans-1,3-Dichloropene	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	1,600 NE	1
	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	0.03	1
Trichloroethene Trichlorofluoromethane (CFC-11)	0.0012 U	0.0025 U	0.0011 U			0.0010 U	0.00079 U	0.0010 U	•	1
Vinyl Acetate	0.0012 U 0.0059 U	0.0025 U	0.0011 U	-		0.0010 U	0.00079 U	0.0010 U	24,000 80,000	4

Boring Identification Sample Identification ² Sample Date Sample Start Depth (feet bgs) Sample End Depth (feet bgs)	FL363-B6-6-7 10/4/2017 6.0 7.0	FL363-B6 FL363-B6-11-12 10/4/2017 11 12	FL363-B6-17-18 10/4/2017 17 18	FL363-B7-0-0.5 10/4/2017 0.0 0.5	FL363-B7-0.5-1 10/4/2017 0.5 1.0	FL363-B7 FL363-B7-6-7 10/4/2017 6.0 7.0	FL363-B7-10-11 10/4/2017 10 11	10/4/2017 17 18	MTCA Method A/B Cleanup Level ¹²	Naturally Occurring Background Metals in Puget Sound Soils ¹⁵
Vinyl Chloride	0.0012 U	0.0025 U	0.0011 U		-	0.0010 U	0.00079 U	0.0010 U	240	
Xylene, m-,p-	0.0024 U	0.0049 U	0.0023 U			0.011	0.0059	0.0020 U		N/A
Xylene, o-	0.0012 U	0.0025 U	0.0011 U			0.0025	0.0018	0.0010 U	9	14,71
Total Xylenes ⁷	0.0024 U	0.0049 U	0.0023 U		-	0.0135	0.0077	0.0020 U		
PAHs ¹⁰ (mg/kg)										
1-Methylnaphthalene	0.0073 U	0.0096 U	0.0077 U	-	-	0.0074 U	0.0077 U	0.0075 U		
2-Methylnaphthalene	0.0073 U	0.0096 U	0.0077 U	-	-	0.0074 U	0.0077 U	0.0075 U	5	
Naphthalene	0.0073 U	0.0099	0.0077 U	-		0.0074 U	0.0077 U	0.0075 U	5	
Total Naphthalenes ¹¹	0.0073 U	0.0099	0.0077 U			0.0074 U	0.0077 U	0.0075 U		
Acenaphthene	0.0073 U	0.0096 U	0.0077 U	-	-	0.0074 U	0.0077 U	0.0075 U	4,800	1
Acenaphthylene	0.0073 U	0.0096 U	0.0077 U		-	0.0074 U	0.0077 U	0.0075 U	NE	
Anthracene	0.0073 U	0.0096 U	0.0077 U		-	0.0074 U	0.0077 U	0.0075 U	24,000	
Benzo(a)anthracene	0.0073 U	0.0096 U	0.0077 U		-	0.0074 U	0.0077 U	0.0075 U	See cPAHs]
Benzo(a)pyrene	0.0073 U	0.0096 U	0.0077 U	-	-	0.0074 U	0.0077 U	0.0075 U	See cPAHs]
Benzo(b)fluoranthene	0.0073 U	0.0096 U	0.0077 U		-	0.0074 U	0.0077 U	0.0075 U	See cPAHs	
Benzo(g,h,i)perylene	0.0073 U	0.0096 U	0.0077 U			0.0074 U	0.0077 U	0.0075 U	NE	N/A
Benzo(j,k)fluoranthene	0.0073 U	0.0096 U	0.0077 U	-		0.0074 U	0.0077 U	0.0075 U	See cPAHs]
Chrysene	0.0073 U	0.0096 U	0.0077 U	-		0.0074 U	0.0077 U	0.0075 U	See cPAHs	
Dibenzo(a,h)anthracene	0.0073 U	0.0096 U	0.0077 U	-		0.0074 U	0.0077 U	0.0075 U	See cPAHs	
Fluoranthene	0.0073 U	0.0096 U	0.0077 U		-	0.0074 U	0.0077 U	0.0075 U	3,200	
Fluorene	0.0073 U	0.0096 U	0.0077 U		-	0.0074 U	0.0077 U	0.0075 U	3,200	
Indeno(1,2,3-c,d)pyrene	0.0073 U	0.0096 U	0.0077 U	-	-	0.0074 U	0.0077 U	0.0075 U	See cPAHs]
Phenanthrene	0.0073 U	0.0096 U	0.0077 U	-		0.0074 U	0.0077 U	0.0075 U	NE]
Pyrene	0.0073 U	0.0096 U	0.0077 U	-	-	0.0074 U	0.0077 U	0.0075 U	2,400]
cPAHs (benzo(a)pyrene toxicity equivalent concentration) ¹⁴	0.0055 U	0.0072 U	0.0058 U		-	0.0056 U	0.0058 U	0.0057 U	0.1	

Notes:

- ¹ Chemical analysis performed by OnSite Environmental, Inc., of Redmond, Washington.
- ² Sample ID = Parcel ID boring number depth of sample [feet bgs]. FL358-B1-0.5-1 = Boring 1 from Parcel FL358, collected from a depth of 0.5 to 1 feet bgs.
- ³ Gasoline-range petroleum hydrocarbons by Northwest Method NWTPH-Gx.
- ⁴ Diesel- and lube oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx.
- ⁵ Resource Conservation Recovery Act (RCRA) metals analyzed by EPA 6000/7000 series method.
- ⁶ Benzene, toluene, ethylbenzene, xylenes (BTEX) by United States Environmental Protection Agency (EPA) Method 8021B.
- ⁷ Total xylenes consists of m,p- and o- xylenes. The higher detection limit is used for non-detects.
- ⁸ Volatile organic compounds (VOCs) analyzed by United States Environmental Protection Agency (EPA) Method 8260C.
- ⁹ Acetone is a common laboratory contaminant.
- ¹⁰ Polycyclic aromatic hydrocarbons (PAHs) and carcinogenic PAHs (cPAHs) analyzed by EPA Method 8270D/SIM.
- ¹¹ Total naphthalenes consists of 1-methylnaphthalene, 2-methylnaphthalene and naphthalene.
- 12 MTCA Method B cleanup level used when Method A cleanup level has not been established.
- ¹³ Model Toxics Control Act (MTCA) Method A cleanup level for gasoline is 30 mg/kg if benzene is detected or if the sum of toluene, ethylbenzene and xylenes are greater than or equal to 1% of the total gasoline detection.
- ¹⁴ Results for cPAHs are shown as the sum of the benzo[a]pyrene toxicity equivalent concentrations, calculated by multiplying each individual cPAH concentration by its corresponding TEF. In this sum, non-detects are represented as ½ of the corresponding analyte reporting limit multiplied by the TEF.
- ¹⁵ 90th Percentile for natural background soil metals concentrations in Puget Sound region, Department of Ecology, publication #94-115, dated October 1994.
- ¹⁶ Hydrocarbons in the lube oil-range are impacting the diesel-range result.
- "--" = not tested

mg/kg = milligrams per kilogram

MTCA = Model Toxics Control Act

U = Analyte was not detected at or greater than the listed reporting limit.

TEF = Toxicity Equivalency Factor as defined in WAC 173-340-900 Table 708-2.

Bold font type indicates that the analyte was detected at a concentration greater than the respective laboratory reporting limit.

Grey shading indicates that the detected result exceeds the specified MTCA Cleanup Level.

Table 4

Summary of Groundwater Chemical Analytical Results¹-ARCO Explorations Sound Transit - Federal Way Link Extension FL358/FL361/FL363 Federal Way, Washington

Г		1	1	<u> </u>		I	I	1
Well Identification	FL363-B4	FL363-B5	FL363-B6	FL363-B7	ARCO-MW31	ARCO-MW32	ARCO-MW37	MTCA Method
Sample Identification ²		FL363-B5-171004-W	FL363-B6-171004-W	FL363-B7-171004-W	ARCO-MW31	ARCO-MW32	ARCO-MW37	A/B Cleanup
·								Level ¹⁰
Sample Date NWTPH-Gx ³ (ug/L)	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/9/2017	10/9/2017	10/9/2017	Levei
	04.000	7,000	400.11	400 11	400.11	400.11	40011	11
Gasoline-range hydrocarbons	24,000	7,200	100 U	100 U	100 U	100 U	100 U	800/1,000 ¹¹
NWTPH-Dx⁴ (mg/L)	40	10		1		T		
Diesel-range hydrocarbons	2.3 ¹³	1.1 ¹³	0.31 U	0.28 U	0.26 U	0.35	0.33	0.5
Lube Oil-range Hydrocarbons	0.52	0.42 U	0.48	0.44 U	0.41 U	0.41 U	0.46	0.5
Metals ⁵ (ug/L)								
Lead	29	29	50	180	8.1	1.1 U	1.1 U	15
VOCs ⁶ (ug/L)								
1,1,1,2-Tetrachloroethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.68
1,1,1-Trichloroethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	200
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	0.25 U	0.25 U	0.20 U	0.20 U	0.20 U	0.219
1,1,2-Trichloroethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.768
1,1-Dichloroethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	7.68
1,1-Dichloroethene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	400
1,1-Dichloropropene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,2,3-Trichlorobenzene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,2,3-Trichloropropane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.00146
1,2,4-Trichlorobenzene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.51
1,2,4-Trimethylbenzene	860	180	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,2-Dibromo-3-Chloropropane	20 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.0547
1,2-Dibromoethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.01
1,2-Dichlorobenzene (o-Dichlorobenzene)	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	720
1,2-Dichloroethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5
1,2-Dichloropropane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.22
1,3,5-Trimethylbenzene	230	41	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	80
1,3-Dichlorobenzene (m-Dichlorobenzene)	4.0 U	4.0 U	0.31	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,3-Dichloropropane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
1,4-Dichlorobenzene (p-Dichlorobenzene)	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	8.10
2,2-Dichloropropane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
2-Butanone (MEK)	100 U	100 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4,800
2-Chloroethyl vinyl ether	78 U	78 U	3.9 U	3.9 U	10 U	10 U	10 U	NE
2-Chlorotoluene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	160
2-Hexanone	40 U	40 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	NE
4-Chlorotoluene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	50 U	50 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	640
Acetone	200 U	200 U	10 U	10 U	5.0 U	5.0 U	5.0 U	7,200
Benzene	4.0 U	510	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5
Bromobenzene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
Bromochloromethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
Bromodichloromethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.706
Bromoform (Tribromomethane)	20 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.54
Bromomethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	11.2
Carbon Disulfide	4.0 U	4.0 U	0.20 U	0.20 U	0.27 U	0.27 U	0.27 U	800
Carbon Tetrachloride	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.625

Well Identification	FL363-B4	FL363-B5	FL363-B6	FL363-B7	ARCO-MW31	ARCO-MW32	ARCO-MW37	MTCA Method
Sample Identification ²	FL363-B4-171004-W	FL363-B5-171004-W	FL363-B6-171004-W	FL363-B7-171004-W	ARCO-MW31	ARCO-MW32	ARCO-MW37	A/B Cleanup
Sample Date	10/4/2017	10/4/2017	10/4/2017	10/4/2017	10/9/2017	10/9/2017	10/9/2017	Level ¹⁰
Chlorobenzene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	160
Chloroethane	20 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NE
Chloroform	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.41
Chloromethane	20 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NE
cis-1,2-Dichloroethene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	16
cis-1,3-Dichloropropene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
Dibromochloromethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.521
Dibromomethane	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	80
Dichlorodifluoromethane (CFC-12)	7.4 U	7.4 U	0.37 U	0.37 U	0.20 U	0.20 U	0.20 U	1,600
Ethylbenzene	430	340	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	700
Hexachlorobutadiene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.561
Isopropylbenzene (Cumene)	33	29	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	800
Methyl lodide (lodomethane)	26 U	26 U	1.3 U	1.3 U	2.0 U	2.0 U	2.0 U	NE NE
Methyl t-butyl ether	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	20
Methylene Chloride	20 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5
Naphthalene	160	28 U	1.4 U	1.4 U	1.3 U	1.3 U	1.3 U	160
n-Butylbenzene	33	14	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	400
n-Propylbenzene	120	78	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	800
p-Isopropyltoluene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
Sec-Butylbenzene	9.4	6.4	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	800
Styrene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1,600
Tert-Butylbenzene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	800
Tetrachloroethene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5
Toluene	20 U	62	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1,000
Trans-1,2-Dichloroethene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	160
Trans-1,3-Dichloropropene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NE
Trichloroethene	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5
Trichlorofluoromethane (CFC-11)	4.0 U	4.0 U 20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	2,400
Vinyl Acetate	20 U		1.0 U	1.0 U	1.3 U	1.3 U	1.3 U	8,000
Vinyl Chloride	4.0 U	4.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2
Xylene, m-,p-	2,000	400	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	
Xylene, o-	800	26	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1,000
Total Xylenes ⁷	2,800	426	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	
PAHs ⁸ (ug/L)								
1-Methylnaphthalene	35	8.2	0.11 U	0.12 U				
2-Methylnaphthalene	68	14	0.11 U	0.12 U				160
Naphthalene	130	16	0.11 U	0.12 U	_			100
Total Naphthalenes ⁹	233	38.2	0.11 U	0.12 U	-			
Acenaphthene	0.24	0.10 U	0.11 U	0.12 U				960
Acenaphthylene	0.11 U	0.10 U	0.11 U	0.12 U				NE
Anthracene	0.11 U	0.10 U	0.11 U	0.12 U				4,800
Benzo(a)anthracene	0.011 U	0.010 U	0.011 U	0.012 U				See cPAHs
Benzo(a)pyrene	0.011 U	0.010 U	0.011 U	0.012 U				See cPAHs
Benzo(b)fluoranthene	0.011 U	0.010 U	0.011 U	0.012 U				See cPAHs
Benzo(g,h,i)perylene	0.011 U	0.010 U	0.011 U	0.012 U				NE
Benzo(j,k)fluoranthene	0.011 U	0.010 U	0.011 U	0.012 U				See cPAHs
Chrysene	0.011 U	0.010 U	0.011 U	0.012 U				See cPAHs
Dibenzo(a,h)anthracene	0.011 U	0.010 U	0.011 U	0.012 U				See cPAHs
Fluoranthene	0.11 U	0.10 U	0.11 U	0.12 U				640
Fluorene	0.21	0.10 U	0.11 U	0.12 U				640

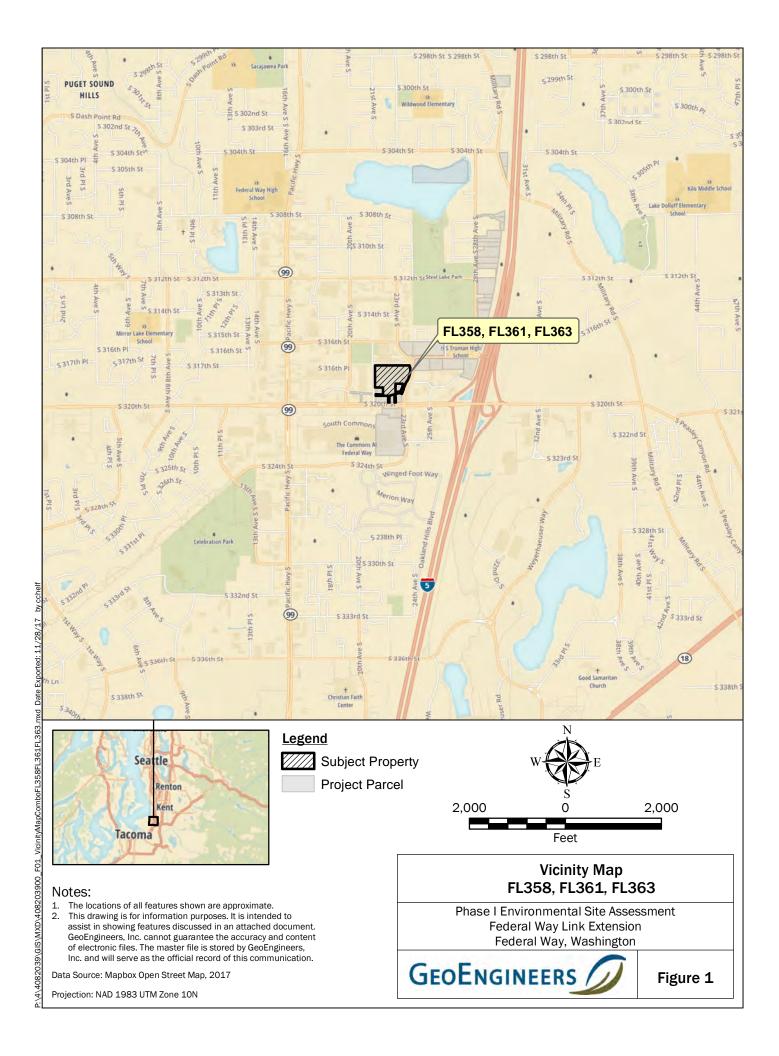
Notes:

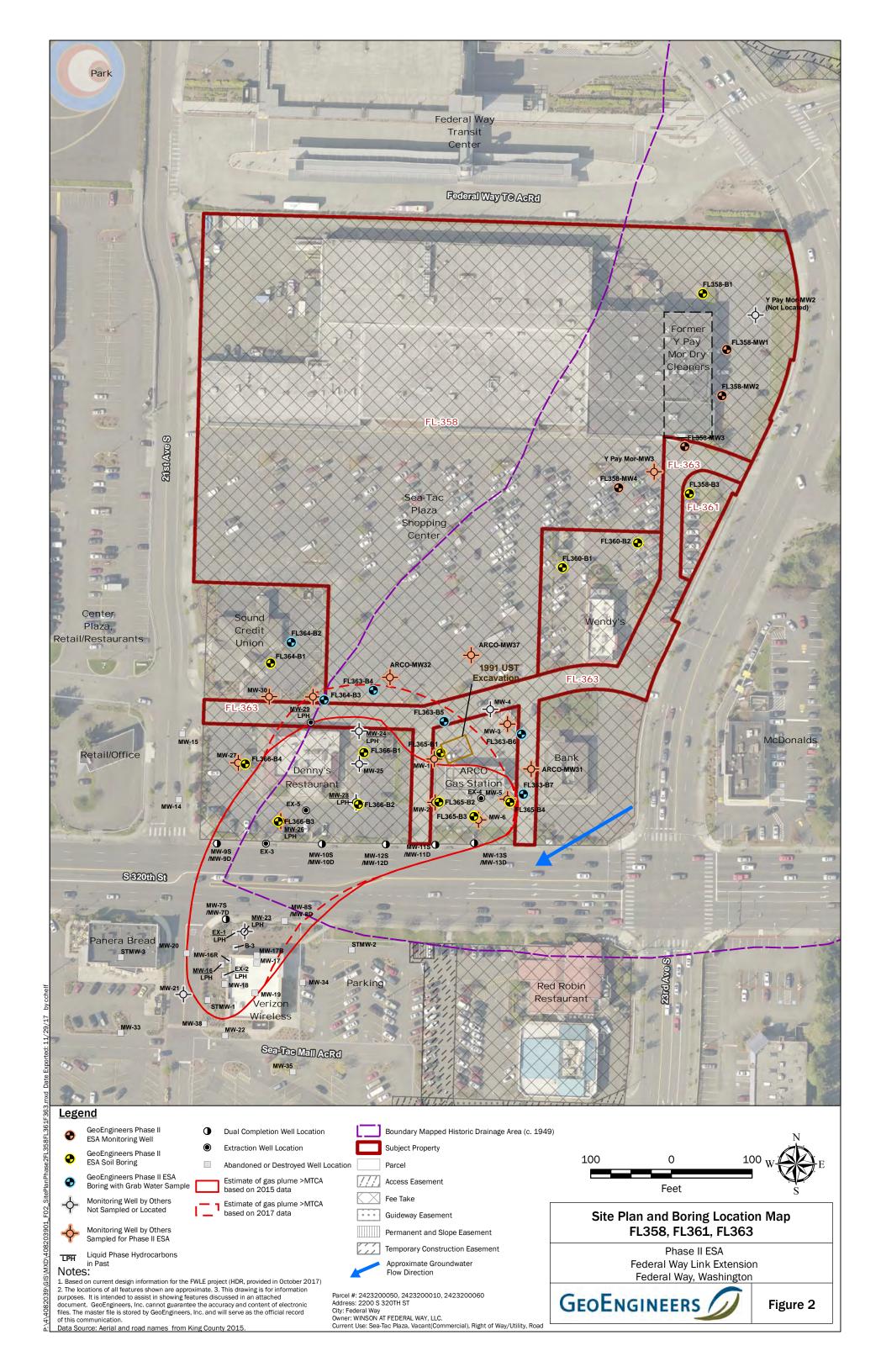
- ¹ Chemical analysis performed by OnSite Environmental, Inc., of Redmond, Washington.
- 2 Sample ID = Parcel ID boring number collection date. FL358-MW1-20171006 = MW 1 from Parcel FL358, collected on 10/6/2017.
- ³ Gasoline-range petroleum hydrocarbons by Northwest Method NWTPH-Gx.
- ⁴ Diesel- and lube oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx.
- ⁵ Resource Conservation Recovery Act (RCRA) metals analyzed by United States Environmental Protection Agency (EPA) Method 200.8.
- ⁶ Volatile organic compounds (VOCs) analyzed by United States Environmental Protection Agency (EPA) Method 8260C.
- ⁷ Total xylenes consists of m,p- and o- xylenes. The higher detection limit is used for non-detects.
- ⁸ Polycyclic aromatic hydrocarbons (PAHs) and carcinogenic PAHs (cPAHs) analyzed by EPA Method 8270D/SIM.
- ⁹ Total naphthalenes consists of 1-methylnaphthalene, 2-methylnaphthalene and naphthalene.
- ¹⁰ MTCA Method B cleanup level used when Method A cleanup level has not been established.
- Model Toxics Control Act (MTCA) Method A cleanup level for gasoline is 800 µg/L if benzene is detected.

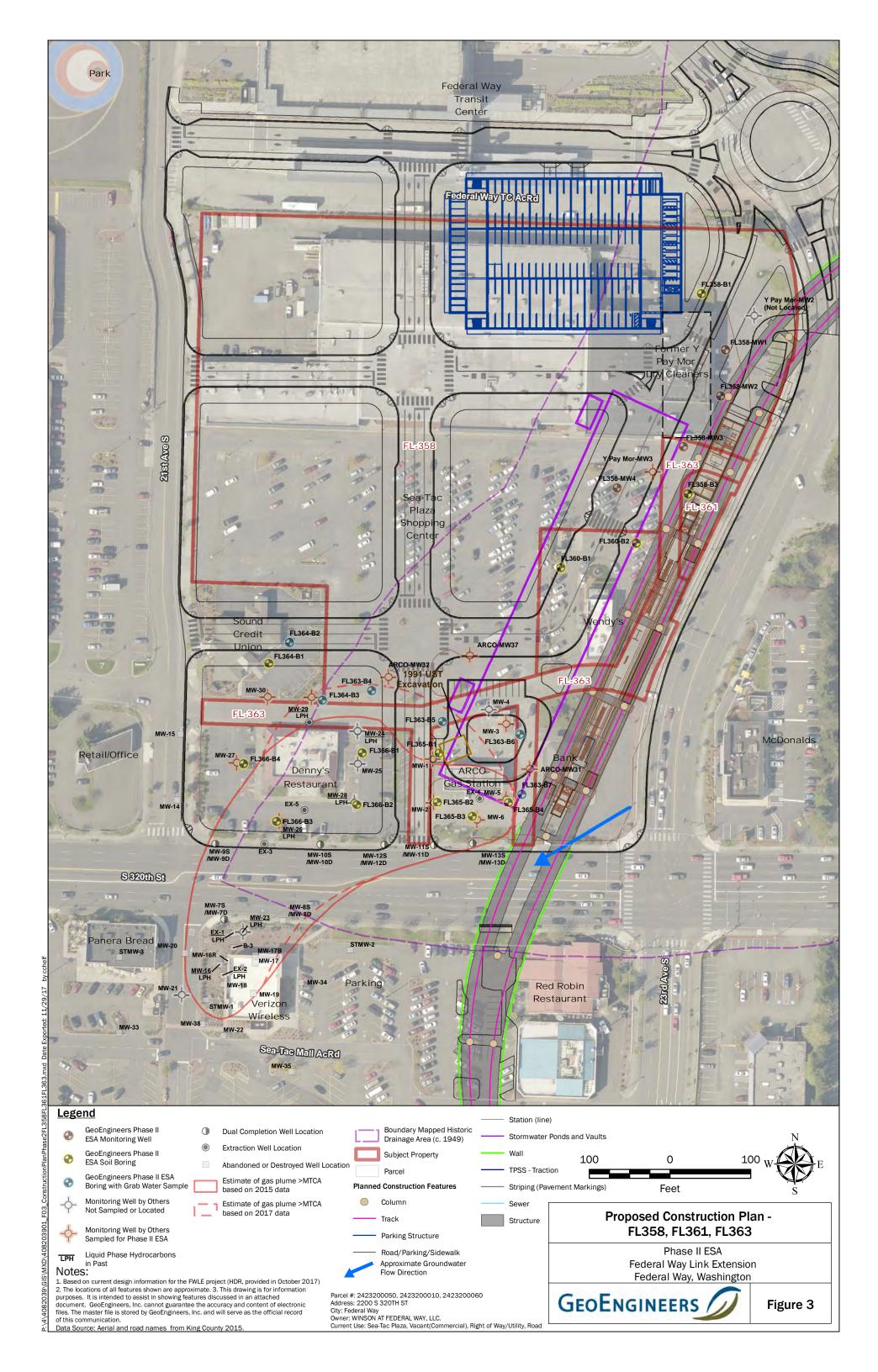
calculated by multiplying each individual cPAH concentration by its corresponding TEF. In this sum, nondetects are represented as ½ of the corresponding analyte reporting limit multiplied by the TEF.

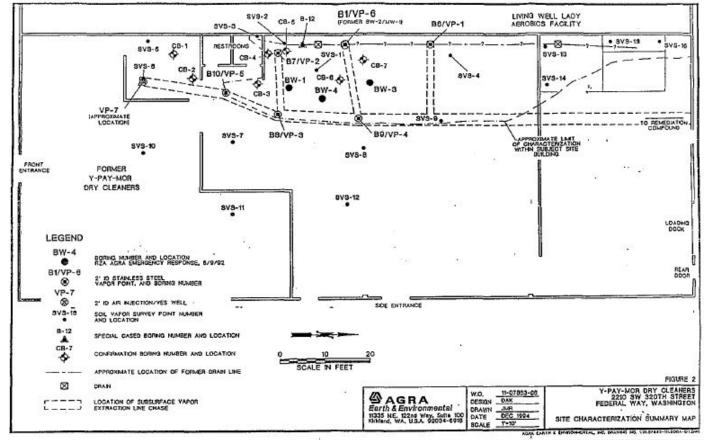
- 13 According to the laboratory, hydrocarbons in the gasoline range are impacting the diesel range result.
- U = Analyte was not detected at or greater than the listed reporting limit.
- TEF = Toxicity Equivalency Factor as defined in WAC 173-340-900 Table 708-2.

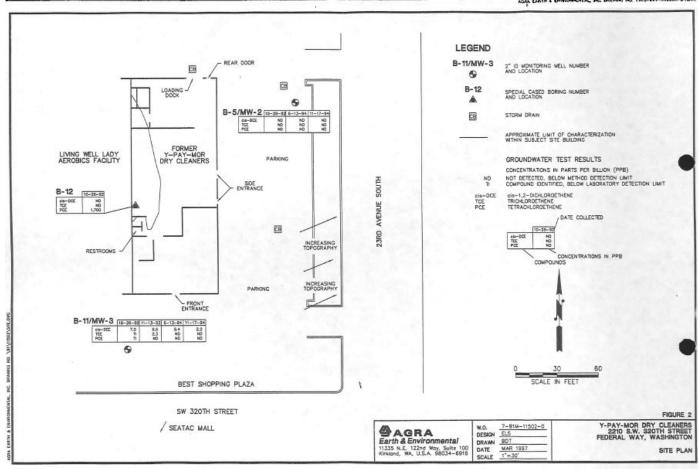
Bold font type indicates that the analyte was detected at a concentration greater than the respective laboratory reporting limit. Grey shading indicates that the detected result exceeds the specified MTCA Cleanup Level.

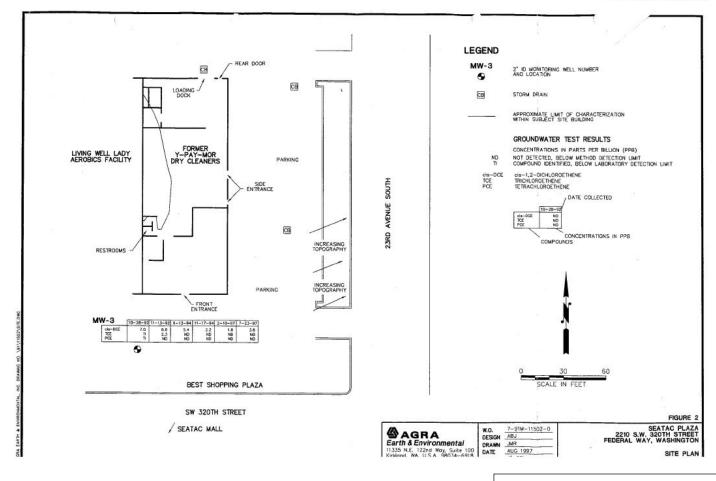








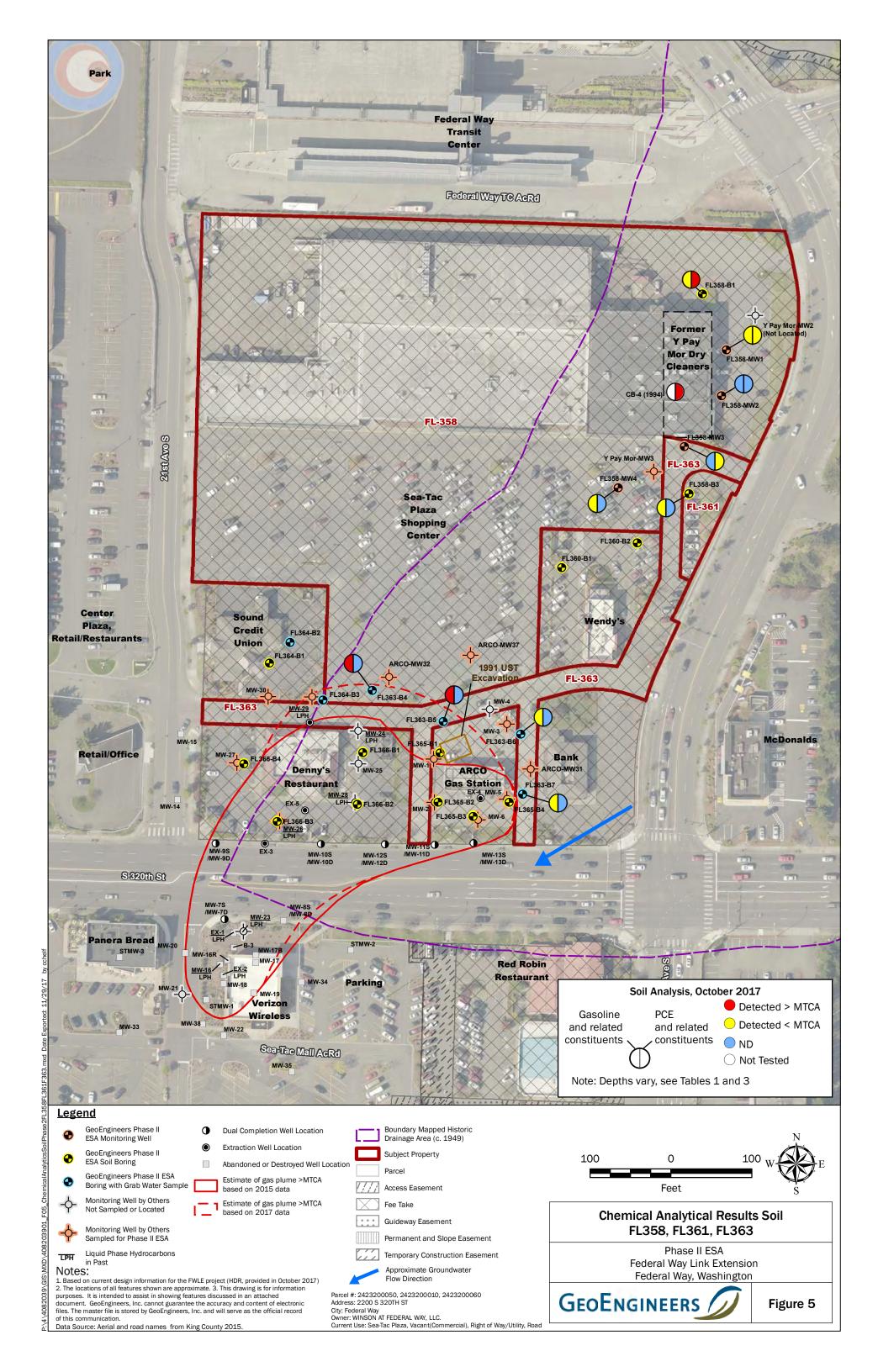


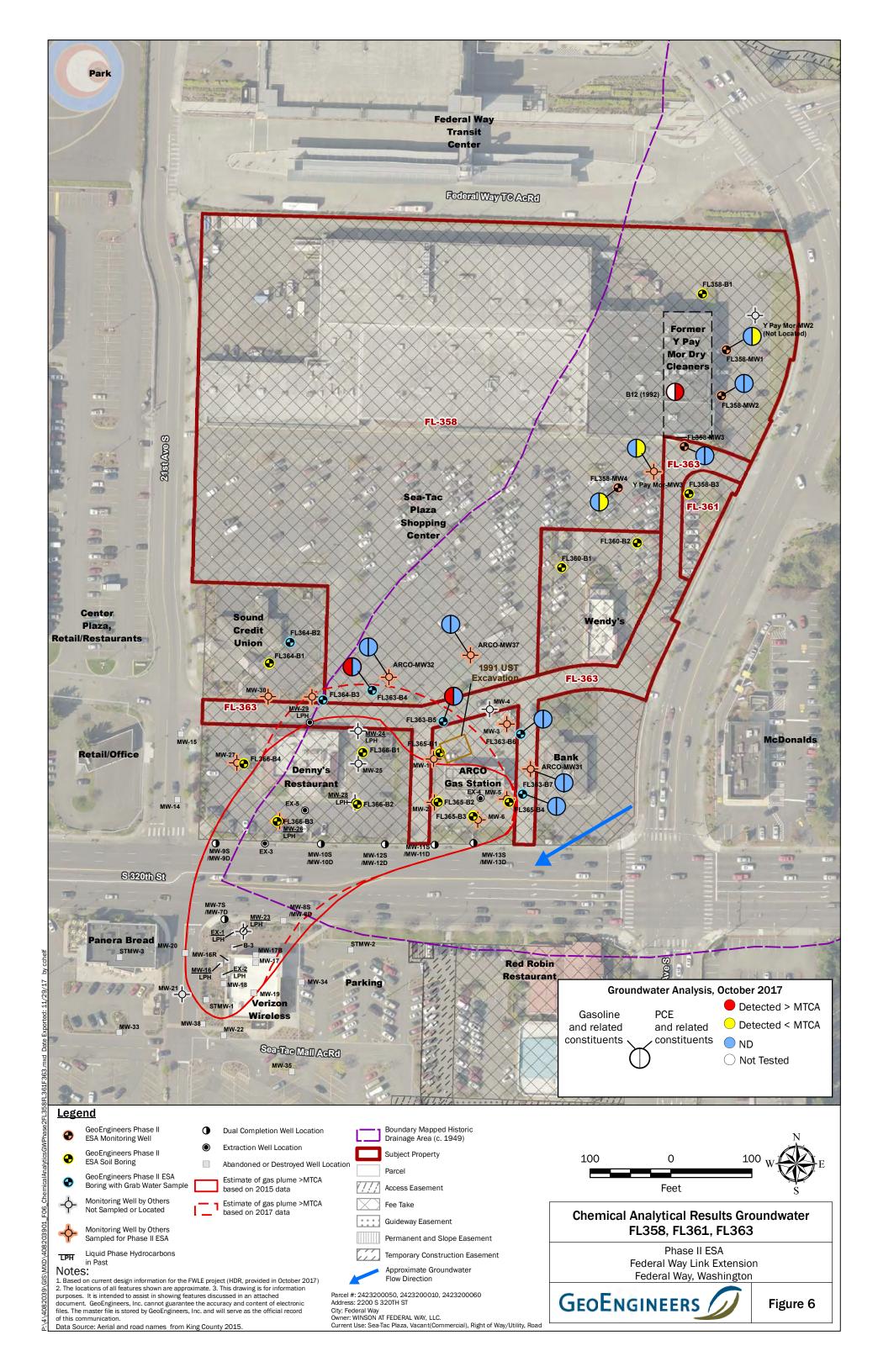


Y Pay Mor Previous Explorations FL358, FL361, FL363

Phase II ESA
Federal Way Link Extension
Federal Way, Washington







APPENDIX A FIELD EXPLORATION PROGRAM

APPENDIX A FIELD PROCEDURES AND BORING LOGS

Underground Utility Locate

Prior to drilling activities, an underground utility locate was conducted in the areas of the proposed boring locations to identify subsurface utilities and/or potential underground physical hazards. The underground utility check consisted of contacting a local utility alert service (one-call) and hiring a private utility locating service.

Soil Sampling

The direct-push explorations were completed using direct-push drilling equipment. Soil samples were obtained using a 5-foot-long core sampler. The sampler was driven into the soil using a pneumatic hammer. Upon retrieval, the sampler was opened and a GeoEngineers representative examined the soil and performed field screening tests. The boring logs are presented in Figures A-2 through A-11. Selected photographs taken during the Phase II ESA drilling are presented as Figures A-12 through A-17.

Selected soil samples were obtained in glass jars (supplied by the analytical laboratory), labeled and stored in a cooler with ice pending delivery to the laboratory. VOC samples were collected first, directly from the sample sleeve using the 5035A sampling method. Following the VOC sample collection, the remaining soil was placed in sample containers provided by the analytical laboratory. All sampling equipment was decontaminated between samples using a Liqui-Nox® wash solution and distilled water rinse.

Soil samples obtained from the explorations were collected from the sampler with a stainless-steel knife, a stainless-steel trowel and/or new gloves. A portion of each sample was placed in laboratory-prepared sample jars for possible chemical analysis. The remaining portion of each sample was used for field screening.

The samples collected from the borings were identified using the following identification system: FL358-B1-3.5-4.5, where FL358 is the identified Federal Way Link Extension parcel(s) on which or adjacent to which the boring was located, B1 is the boring number and the approximate depth at which the sample was obtained (e.g., FL358-B1-3.5-4.5 was collected from the FL358 parcel at boring B1 at a depth of approximately 3.5 to 4.5 feet bgs).

Selected samples from the explorations were submitted for chemical analysis based on field screening results. The soil samples were placed in a cooler with ice for transport to the laboratory. Standard chain-of-custody procedures were followed in transporting the soil samples to the laboratory. Drill cuttings were placed in drums pending disposal.

Field Screening of Soil Samples

Soil samples obtained from the borings were screened in the field for evidence of contamination using: 1) visual examination; 2) sheen screening and 3) vapor headspace screening with a photo-ionization detector (PID). The results of headspace and sheen screening are included in the boring logs.

Visual screening consists of inspecting the soil for stains indicative of petroleum-related contamination. Visual screening is generally more effective when contamination is related to heavy petroleum hydrocarbons, such as motor oil or hydraulic oil, or when hydrocarbon concentrations are high. Sheen screening and headspace vapor screening are more sensitive methods that have been effective in detecting contamination at concentrations less than regulatory cleanup guidelines. Sheen screening involves placing soil in a pan of water and observing the water surface for signs of sheen. Sheen classifications are as follows:

No Sheen (NS) No visible sheen on water surface.

Slight Sheen (SS) Light, colorless, dull sheen; spread is irregular, not rapid; sheen

dissipates rapidly.

Moderate Sheen (MS) Light to heavy sheen, may have some color/iridescence; spread is

irregular to flowing; few remaining areas of no sheen on water

surface.

Heavy Sheen (HS) Heavy sheen with color/iridescence; spread is rapid; entire water

surface may be covered with sheen.

Headspace vapor screening involves placing a soil sample in a plastic sample bag. Air is captured in the bag and the bag is shaken to expose the soil to the air trapped in the bag. The probe of a PID is inserted in the bag and the instrument measures the concentration of combustible vapor in the air removed from the sample headspace. The PID measures concentrations in ppm (parts per million) and is calibrated to isobutylene. The PID is designed to quantify combustible gas and organic vapor concentrations up to 2,500 ppm. A lower threshold of significance of 1 ppm was used in this application. Field screening results are site-specific and vary with soil type, soil moisture content, temperature and type of contaminant.

Groundwater Sampling Direct-Push Borings

Grab groundwater samples were obtained from direct-push borings for chemical analysis. Temporary drill casing and well screen were left in place in each boring to collect a groundwater sample. Groundwater was purged from each temporary sampling point using a peristaltic pump and disposable tubing until water from boring was clear. After well purging, the groundwater sample was collected in laboratory-prepared containers. The groundwater sample was then

placed in a cooler with ice and logged on the chain-of-custody record. Purge water was stored in a labeled drum at the site.

The temporary casing and well screen were removed from the boring and the boring location abandoned in accordance with Washington State regulations.

Monitoring Wells

Groundwater samples were obtained from newly installed and existing monitoring wells using low-flow/low-turbidity sampling techniques to minimize the suspension of particulates in the samples. Groundwater samples were obtained from the monitoring wells using a peristaltic pump with disposable tubing. Groundwater was pumped at approximately 0.5 liters per minute from the approximate midpoint of the screened interval. A water quality measuring system with a flow-through-cell was used to monitor the following water quality parameters during purging: electrical conductivity, dissolved oxygen, pH, turbidity, oxidation-reduction potential and temperature. Ambient groundwater conditions were assumed to have been reached once these parameters varied by less than 10 percent on three consecutive measurements. All field measurements were documented on the field logs.

After well purging, the flow-through-cell was disconnected and the groundwater sample was collected in laboratory-prepared containers. The groundwater sample was placed in a cooler with ice and logged on the chain-of-custody record. Purge water was stored in a labeled drum at the site.

SOIL CLASSIFICATION CHART

	MAJOR DIVIS	IONE	SYM	BOLS	TYPICAL	
	MAJOR DIVIS	10113	GRAPH	LETTER	DESCRIPTIONS	
	GRAVEL	CLEAN GRAVELS		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES	
	AND GRAVELLY SOILS	(LITTLE OR NO FINES)		GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES	
COARSE GRAINED SOILS	MORE THAN 50% OF COARSE	GRAVELS WITH FINES		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES	
SULS	FRACTION RETAINED ON NO. 4 SIEVE	(APPRECIABLE AMOUNT OF FINES)		GC	CLAYEY GRAVELS, GRAVEL - SAND CLAY MIXTURES	
MORE THAN 50%	SAND	CLEAN SANDS		sw	WELL-GRADED SANDS, GRAVELLY SANDS	
RETAINED ON NO. 200 SIEVE	AND SANDY SOILS	(LITTLE OR NO FINES)		SP	POORLY-GRADED SANDS, GRAVELI SAND	
	MORE THAN 50% OF COARSE FRACTION PASSING	SANDS WITH FINES		SM	SILTY SANDS, SAND - SILT MIXTUR	
	ON NO. 4 SIEVE	(APPRECIABLE AMOUNT OF FINES)		sc	CLAYEY SANDS, SAND - CLAY MIXTURES	
				ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY	
FINE GRAINED	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS LEAN CLAYS	
SOILS				OL	ORGANIC SILTS AND ORGANIC SILT CLAYS OF LOW PLASTICITY	
MORE THAN 50% PASSING NO. 200 SIEVE				МН	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS	
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		СН	INORGANIC CLAYS OF HIGH PLASTICITY	
				ОН	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY	
	HIGHLY ORGANIC	SOILS		PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS	

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

Sampler Symbol Descriptions

2.4-inch I.D. split barrel

Standard Penetration Test (SPT)

Shelby tube

Piston

Direct-Push

Bulk or grab

Continuous Coring

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

"P" indicates sampler pushed using the weight of the drill rig.

"WOH" indicates sampler pushed using the weight of the hammer.

ADDITIONAL MATERIAL SYMBOLS

SYM	BOLS	TYPICAL
GRAPH	LETTER	DESCRIPTIONS
	AC	Asphalt Concrete
	cc	Cement Concrete
33	CR	Crushed Rock/ Quarry Spalls
1 71 71 71 71 71 71 71 71 71 71 71 71 71	SOD	Sod/Forest Duff
	TS	Topsoil

Groundwater Contact



Measured groundwater level in exploration, well, or piezometer



Measured free product in well or piezometer

Graphic Log Contact

Distinct contact between soil strata

Approximate contact between soil strata

Material Description Contact

- Contact between geologic units

_ Contact between soil of the same geologic

Laboratory / Field Tests

%F Percent fines
%G Percent gravel
AL Atterberg limits
CA Chemical analysis
CP Laboratory compaction test
CS Consolidation test
DD Dry density
DS Direct shear

HA Hydrometer analysis
MC Moisture content
MD Moisture content and dry density

Mohs Mohs hardness scale
OC Organic content

PM Permeability or hydraulic conductivity
PI Plasticity index

PP Pocket penetrometer
SA Sieve analysis
TX Triaxial compression
UC Unconfined compression
VS Vane shear

Sheen Classification

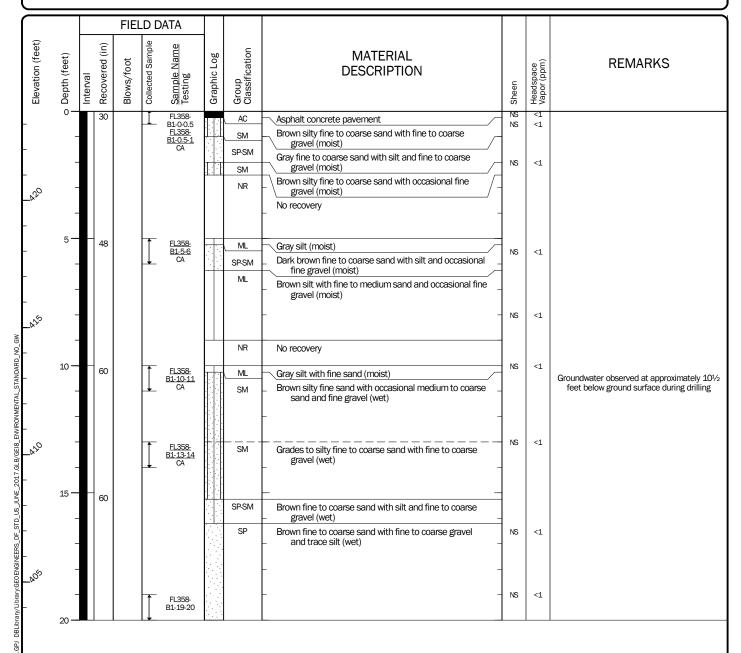
NS No Visible Sheen SS Slight Sheen MS Moderate Sheen HS Heavy Sheen

NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

Key to Exploration Logs



<u>Start</u> Drilled 10/5/2017	<u>End</u> 10/5/2017	Total Depth (ft)	20	Logged By Checked By	PDR DLC	Driller Holt Services, Inc.		Drilling Direct-Push		
Surface Elevation (ft) Vertical Datum		23.5 VD88		Hammer Data			Drilling Equipment	Geoprobe 7800		
Easting (X) Northing (Y)		754.574 62.3868		System Datum	W	A State Plane North NAD83	See "Remark	ks" section for groundwater observed		
Notes: Surface elevations pending from Sound Transit										



Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates

Log of Direct-Push Boring FL358-B1



Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-2 Sheet 1 of 1

Drilled	<u>Start</u> 10/5/2017	<u>End</u> 10/5/2017	Total Depth (ft)	20	Logged By Checked By	PDR DLC	Driller Holt Services, Inc.		Drilling Method Direct-Push		
Surface Vertical I	Elevation (ft) Datum		25.6 VD88		Hammer Data			Drilling Equipment	Geoprobe 7800		
Easting (737.855 14.2593		System Datum	W	A State Plane North NAD83	See "Remark	ks" section for groundwater observed		
Notes:	Notes: Surface elevations pending from Sound Transit										

	F	FIELD DATA						
Elevation (feet)		Blows/foot Collected Sample Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	REMARKS
	36	FL358- B3-0.05 FL358- B3-0.5-1		AC SM SP-SM ML SM NR	Asphalt concrete pavement Brown silty fine to coarse sand with occasional gravel (moist) Gray fine to coarse sand with silt and gravel (moist) Gray silt with sand (moist to wet) Brown silty fine to coarse sand with gravel (moist) No recovery	NS NS	<1 <1 <1	
5 —	42	FL358- B3-5-6 CA		SP-SM SM	Brown fine to coarse sand with silt and gravel (moist) Gray silty fine to medium sand with gravel (moist to wet)	SS	<1	
No_GW		FL358- B3-7-8 CA		NR	Becomes brown with increased silt content No recovery	NS	<1	
AL_STANDARD_	36			SM SP	Brown silty fine to coarse sand (moist to wet) Gray-brown fine to coarse sand with gravel (moist)	NS	<1	Groundwater observed at approximately 10 feet below ground surface during drilling
7.GLB/GEI8_ENVIRONMENT		FL358- B3-12-13 CA		MH SP-SM NR	Brown organic silt with sand (moist) Gray fine to coarse sand with silt and gravel (moist) No recovery	NS	2.9 15.7	
2) DBILDHONY/LIbrary/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Library/Clibrary/Clibrary/Clibrary/Library/Clibrary/Clibrary/Clibrary/Library/Clibra	36	FL358- B3-16.5-17.5		SM SP-SM SM NR	Gray silty fine sand with occasional gravel (moist) Brown fine to coarse sand with silt and gravel (moist) Gray silty fine to medium sand with occasional gravel (moist to wet) No recovery	NS NS SS	<1 13 14 <1	
DBLibrar 20 —		1					l	

Note: See Figure A-1 for explanation of symbols. Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates

Log of Direct-Push Boring FL358-B3



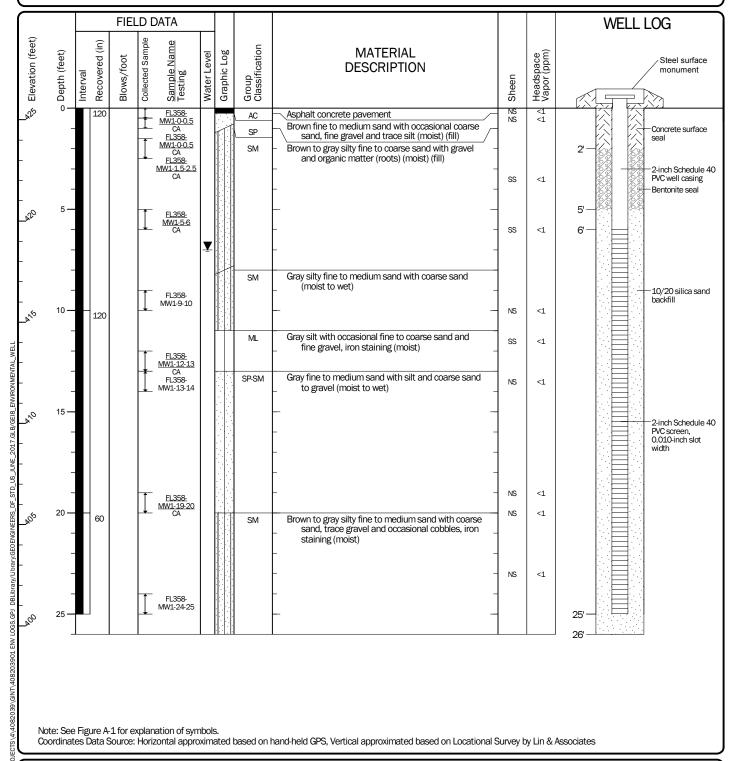
Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-3 Sheet 1 of 1

Start Drilled 10/2/2017	<u>End</u> 10/2/2017	Total Depth (ft)	26	Logged By Checked By	DLC	Driller Holt Services, Inc.		Drilling Sonic Method	
Hammer Data				Drilling Equipment	Sonic	Drill 1200 Terra Core	A 2 (in) well was	installed on 10/2/2017 t	o a depth of 25 (ft).
Surface Elevation (ft) Vertical Datum		25.58 VD88		Top of Casing Elevation (ft)			Groundwater	Depth to	()
Easting (X) Northing (Y)		784.189 92.8266		Horizontal Datum	WA	State Plane North NAD83	Date Measured 10/6/2017	<u>Water (ft)</u> 7.00	Elevation (ft) 418.58
Notes: Surface elevations pending from Sound Transit									



Log of Monitoring Well FL358-MW1



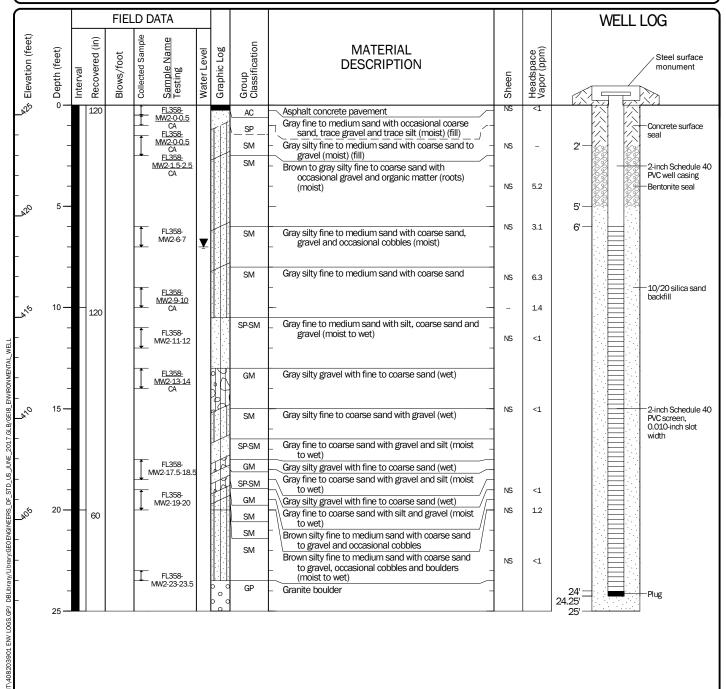
Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-4 Sheet 1 of 1

Start Drilled 10/2/2017	<u>End</u> 10/2/2017	Total Depth (ft)	25	Logged By Checked By	DLC	Driller Holt Services, Inc.		Drilling Sonic Method		
Hammer Data				Drilling Equipment	Sonic	Drill 1200 Terra Core	A 2 (in) well was	installed on 10/2/2017 t	o a depth of 24 (ft).	
Surface Elevation (ft) Vertical Datum		25.48 NVD88		Top of Casing Elevation (ft)			Groundwater	Depth to	()	
Easting (X) Northing (Y)		778.104 035.558		Horizontal Datum	WA	State Plane North NAD83	Date Measured 10/6/2017	<u>Water (ft)</u> 7.00	Elevation (ft) 418.48	
Notes: Surface	Notes: Surface elevations pending from Sound Transit									



Log of Monitoring Well FL358-MW2

Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates



Note: See Figure A-1 for explanation of symbols.

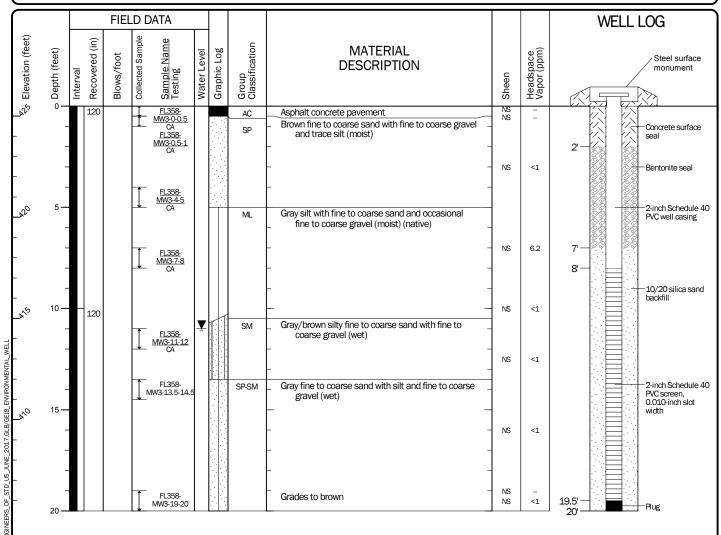
Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-5 Sheet 1 of 1

Start Drilled 10/3/2017	<u>End</u> 10/3/2017	Total Depth (ft)	20	Logged By Checked By	PDR DLC	Driller Holt Services, Inc.		Drilling Sonic Method		
Hammer Data				Drilling Equipment	Sonic	Drill 1200 Terra Core	(6) '	installed on 10/3/2017 to	o a depth of 19.5	
Surface Elevation (ft) Vertical Datum		25.49 NVD88		Top of Casing Elevation (ft)			Groundwater	Depth to		
Easting (X) Northing (Y)		732.324 73.0768		Horizontal Datum	WA	State Plane North NAD83	<u>Date Measured</u> 10/3/2017	<u>Water (ft)</u> 11.00	Elevation (ft) 414.49	
Notes: Surface	Notes: Surface elevations pending from Sound Transit									



Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates

Log of Monitoring Well FL358-MW3



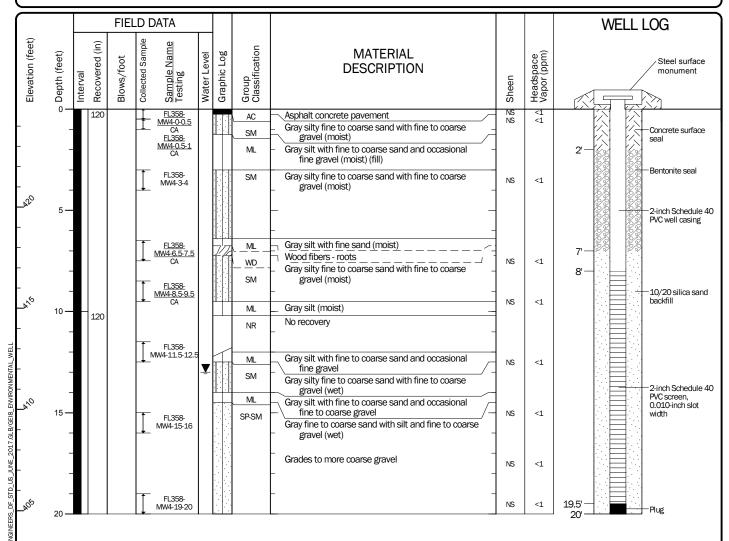
Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-6 Sheet 1 of 1

Start Drilled 10/3/2017	<u>End</u> 10/3/2017	Total Depth (ft)	20	Logged By Checked By	PDR DLC	Driller Holt Services, Inc.		Drilling Sonic Method	
Hammer Data				Drilling Equipment	Sonic	Drill 1200 Terra Core	(6) '	installed on 10/3/2017	to a depth of 19.5
Surface Elevation (ft) Vertical Datum		24.84 NVD88		Top of Casing Elevation (ft)			(ft). <u>Groundwater</u>	Depth to	
Easting (X) Northing (Y)		650.153 21.5743		Horizontal Datum	WA	State Plane North NAD83	<u>Date Measured</u> 10/3/2017	<u>Water (ft)</u> 13.00	Elevation (ft) 411.84
Notes: Surface elevations pending from Sound Transit									



Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates

Log of Monitoring Well FL358-MW4



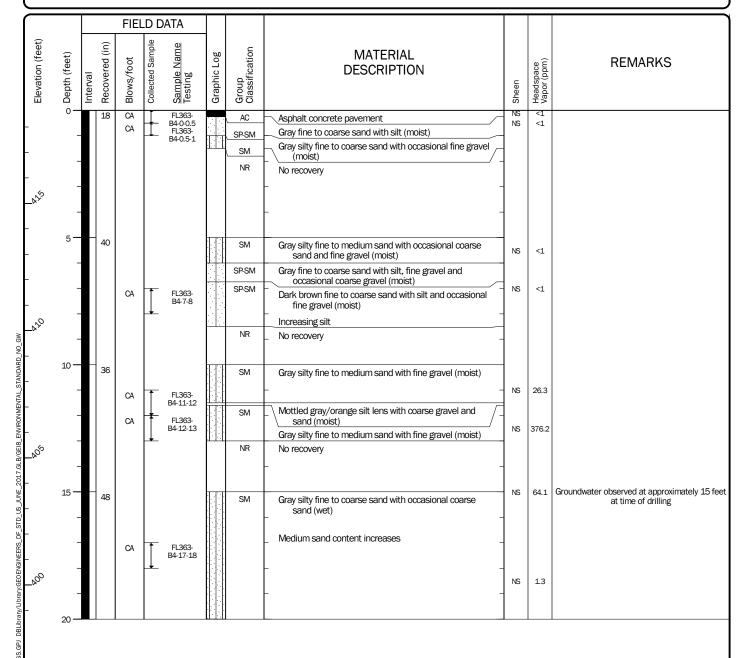
Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-7 Sheet 1 of 1

Drilled	<u>Start</u> 10/4/2017	<u>End</u> 10/4/2017	Total Depth (ft)	20	Logged By Checked By	PDR DLC	Driller Holt Services, Inc.		Drilling Method Direct-Push		
Surface I Vertical I	Elevation (ft) Datum		.8.66 VD88		Hammer Data			Drilling Equipment	Geoprobe 7800		
Easting (Northing			346.224 370.642		System Datum	W	A State Plane North NAD83	See "Remark	ks" section for groundwater observed		
Notes:	Notes: Surface elevations pending from Sound Transit										



Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates

Log of Direct-Push Boring FL363-B4



Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-8 Sheet 1 of 1

Drilled	<u>Start</u> 10/4/2017	<u>End</u> 10/4/2017	Total Depth (ft)	20	Logged By Checked By	PDR DLC	Driller Holt Services, Inc.		Drilling Method Direct-Push		
Surface E Vertical D	Elevation (ft) Datum		22.34 NVD88		Hammer Data			Drilling Equipment	Geoprobe 7800		
Easting () Northing			433.997 32.1434		System Datum	W	A State Plane North NAD83	See "Remark	ks" section for groundwater observed		
Notes: 5	Notes: Surface elevations pending from Sound Transit										

	FI	ELD DATA						
Elevation (feet)	Interval Recovered (in) Blows/foot		Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	REMARKS
- - - - - - - 5-	18	FL363- B5-0-0.5 CA FL363- B5-0.5-1 CA		SP-SM SP-SM NR SP-SM	Asphalt concrete pavement Brown fine to coarse sand with silt and occasional fine gravel (moist) Red-brown fine to medium sand with silt, coarse sand and occasional fine gravel (moist) Silt content increases No recovery Gray fine to coarse sand with silt and fine to coarse gravel (moist)	NS NS NS	<1 <1 <1	
- %5 - 10 - 10 -	- - - - - - - 40	CA		NR SP-SM	No recovery Brown fine to coarse sand with silt (wet)		77.8	Groundwater observed at approximately 10 feet at time of drilling
VE_2017.GLB/GEIB_ENVIRONMENTAL_ST VO 151 151 151 151 151 151 151 151 151 15	- - - -	H.363- B5-11.5-12.5 CA		SM	Gray silty fine to medium sand (moist) No recovery		171.2 302.6 44.3	
U DBLIbrany/Library/GEOENGINEERS_DF_STD_LIB_JUNE_2017.616/GEIB_ENVIRONMENTAL_STANDARD_NO_GW	60	FL363- 85-17-18 CA		SM	Gray fine to medium sand (moist) Gray silty fine to coarse sand with fine gravel (moist)		10.6	

Note: See Figure A-1 for explanation of symbols. Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates

Log of Direct-Push Boring FL363-B5



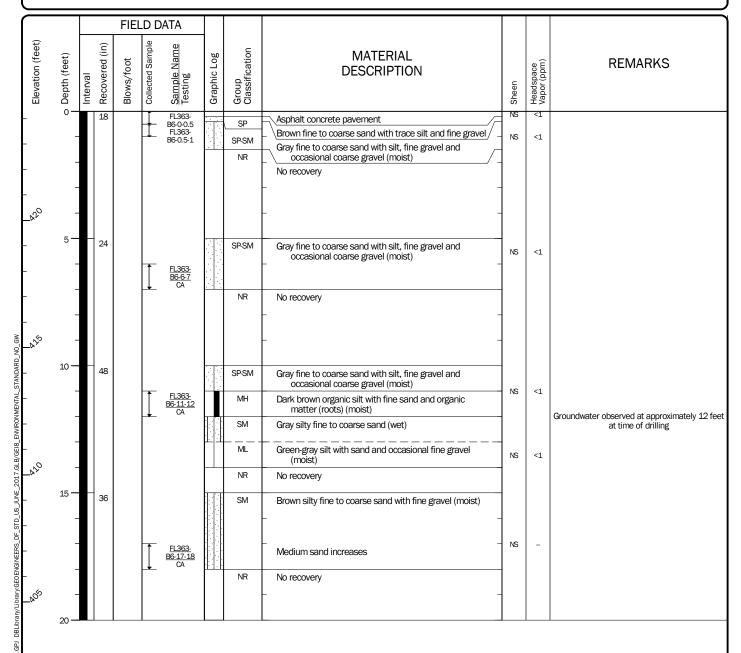
Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-9 Sheet 1 of 1

Start End Total Drilled 10/4/2017 10/4/2017 Depth (ft) 20		20	Logged By Checked By	PDR DLC	Driller Holt Services, Inc.		Drilling Method Direct-Push				
Surface Elevat Vertical Datum		424.29 NAVD88			Hammer Data			Drilling Equipment	Geoprobe 7800		
Easting (X) Northing (Y)		1275529.857 118616.3787			System WA State Plane North Datum NAD83			See "Remar	See "Remarks" section for groundwater observed		
Notes: Surface elevations pending from Sound Transit											



Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates

Log of Direct-Push Boring FL363-B6



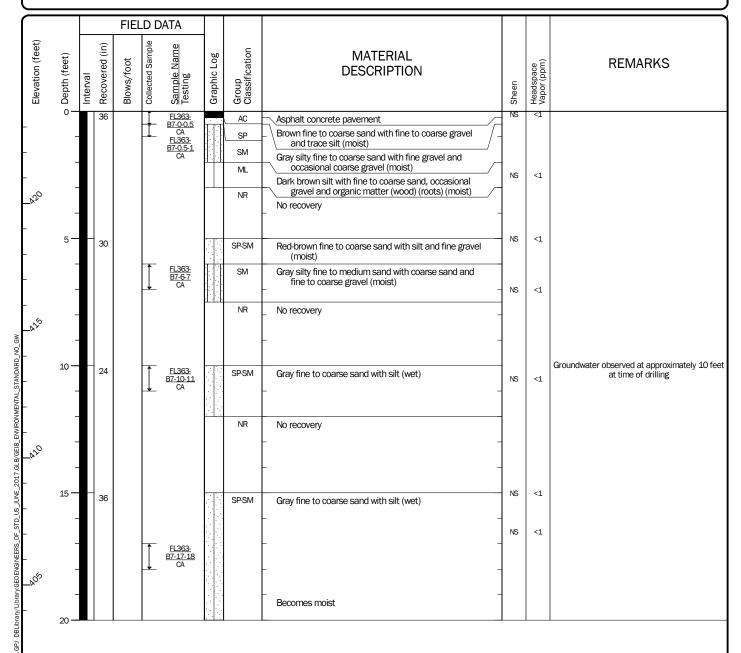
Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-10 Sheet 1 of 1

Start End Drilled Total Depth (ft) 20		Logged By Checked By	PDR DLC	Driller Holt Services, Inc.		Drilling Method Direct-Push			
Surface Elevat Vertical Datum		423.62 NAVD88		Hammer Data			Drilling Equipment	Geoprobe 7800	
Easting (X) Northing (Y)		1275532.102 118542.3638		System WA State Plane North Datum NAD83			See "Remarks" section for groundwater observed		
Notes: Surface elevations pending from Sound Transit									



Coordinates Data Source: Horizontal approximated based on hand-held GPS, Vertical approximated based on Locational Survey by Lin & Associates

Log of Direct-Push Boring FL363-B7



Project: Sound Transit - Federal Way Link Extension FL358_361_363

Project Location: 2200 S. 320th Street, Federal Way, Washington

Project Number: 4082-039-01

Figure A-11 Sheet 1 of 1



Photograph 1 – FL358-MW1 boring location in the northeast corner of the property outside the former Y Pay Mor Dry Cleaner space. View to northwest.



Photograph 2 -FL358-MW2 boring location in the northeast corner of the property outside the former Y Pay Mor Dry Cleaner space. View to south.





Photograph 3 – FL358-MW3 boring location (in front of drill rig – see arrow) located near the southeast corner of the shopping center, south of the former Y Pay Mor Dry Cleaner space. View to west.



Photograph 4 – FL358-MW4 boring location in the parking lot south of the former Y Pay Mor Dry Cleaner space. View to northeast.





Photograph 5 – FL358 –B1 boring location near the northeast corner of the property, outside to the north of the former Y Pay Mor Dry Cleaner space. View to northeast.



Photograph 6 - FL363-B3 boring location in eastern portion of the property, north of Wendy's Restaurant. View to north.





Photograph 7 - FL363-B4 boring location in southern portion of shopping center mall parking lot, northwest of the ARCO. View to west.



 $Photograph \ 8-FL363-B5\ location\ in\ shopping\ center\ access\ road\ north\ of\ the\ ARCO.\ View\ to\ north.$





 $Photograph 9-FL363-B6\ boring\ location\ in\ shopping\ center\ access\ road,\ east\ of\ the\ ARCO.\ View\ to\ northwest.$



Photograph 10 - FL363-B7 boring location to the east of the ARCO service station. View to north/northwest.





Photograph 9 - Phase II ESA drum storage location northeast of the shopping center building on FL358.



APPENDIX B CHEMICAL ANALYTICAL PROGRAM

APPENDIX B CHEMICAL ANALYTICAL DATA

Analytical Methods

Chain-of-custody procedures were followed during the transport of the soil samples to the analytical laboratory. The samples were held in cold storage pending extraction and/or analysis. The analytical results, analytical methods reference and laboratory quality control (QC) records are included in this appendix. The analytical results are also summarized in the text and tables of this report.

Analytical Data Review

The laboratory maintains an internal quality assurance program as documented in its laboratory quality assurance manual. The laboratory uses a combination of blanks, surrogate recoveries, duplicates, matrix spike recoveries, matrix spike duplicate recoveries, blank spike recoveries and blank spike duplicate recoveries to evaluate the validity of the analytical results. The laboratory also uses data quality goals for individual chemicals or groups of chemicals based on the long-term performance of the test methods. The data quality goals were included in the laboratory reports. The laboratory compared each group of samples with the existing data quality goals and noted any exceptions in the laboratory report. Data quality exceptions documented by the accredited laboratory were reviewed by GeoEngineers and are addressed in the data quality exception section of this appendix.

QC Sample Summary

Results for the FL358-MW3 groundwater sample and it's field duplicate obtained on October 9, 2017 were similar (VOCs were non-detect in both samples, see Table 2).

An equipment rinsate blank was collected on October 9, 2017 and analyzed for VOCs. The sample was collected using distilled water run through the polyethylene tubing used for sampling. No VOCs were detected in the equipment rinsate blank (see Laboratory Report 1710-105).

Analytical Data Review Summary

No data quality exceptions were noted during our review of the Y Pay Mor Phase II ESA data.

The following data quality exceptions were noted during our review of the Phase II ESA data related to ARCO:

Lab Report 1710-062

• VOC 8260C analysis: Surrogate standard toluene-d8 was outside control limits on the high end for sample FL363-B4-7-8 due to co-eluting non-target analytes.

• VOC 8260C analysis: Some MTCA Method A cleanup level reporting limits were non-achievable for samples FL363-B4-11-12, FL363-B4-12-13 and FL363-B5-11.5-12.5 due to dilution necessary for sample analysis.

Lab Report 1710-062

- PAH EPA 8270D/SIM analysis: Sample FL363-B7-W (water) had one surrogate recovery out of control limits. This is within the allowance of laboratory standard operating procedure as long as the recovery is above 10 percent.
- VOC 8260C analysis: The naphthalenes result of 160 μ g/l should be considered an estimate as the calibration verification for this analyte exceeded the 20 percent drift specific by the method. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Based on our data quality review, it is our opinion that the qualifiers listed for the samples above are not significant with regard to the use of the data for characterization purposes. The samples/results were considered of acceptable quality for their intended use in this report.



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 19, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-072

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 5, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures



Date of Report: October 19, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-072

Project: 4082-039-01

Case Narrative

Samples were collected on October 5, 2017 and received by the laboratory on October 5, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: October 19, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-072

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
FL358-B3-0-0.5	10-072-01	Soil	10-5-17	10-5-17	
FL358-B3-0.5-1	10-072-02	Soil	10-5-17	10-5-17	
FL358-B3-5-6	10-072-03	Soil	10-5-17	10-5-17	
FL358-B3-7-8	10-072-04	Soil	10-5-17	10-5-17	
FL358-B3-12-13	10-072-05	Soil	10-5-17	10-5-17	
FL358-B1-0.5-1	10-072-08	Soil	10-5-17	10-5-17	
FL358-B1-5-6	10-072-09	Soil	10-5-17	10-5-17	
FL358-B1-10-11	10-072-10	Soil	10-5-17	10-5-17	
FL358-B1-13-14	10-072-11	Soil	10-5-17	10-5-17	

Date of Report: October 19, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-072

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Soil Units: mg/kg

Analysis	Descrit	DOI	Madhad	Date	Date	FI
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B3-5-6					
Laboratory ID:	10-072-03	0.0000	EDA 00000	10.11.17	10.11.17	
Dichlorodifluoromethane	ND	0.0023	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0066	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0049	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Acetone	0.058	0.0049	EPA 8260C	10-11-17	10-11-17	
Iodomethane	ND	0.0072	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0049	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0049	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
2-Butanone	0.0074	0.0049	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0049	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	

Date of Report: October 19, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-072

Project: 4082-039-01

VOLATILES EPA 8260C

page 2 of 2

Client ID:		_			Date	Date	
Laboratory ID:			PQL	Method	Prepared	Analyzed	Flags
1,1,2-Trichloroethane							
Tetrachloroethene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,3-Dichloropropane ND 0.00098 EPA 8260C 10-11-17 10-1							
1,3-Dichloropropane							
ND	Tetrachloroethene				10-11-17	10-11-17	
Dibromochloromethane	1,3-Dichloropropane		0.00098	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane	2-Hexanone	ND	0.0049	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene	Dibromochloromethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane	1,2-Dibromoethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 m,p-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.00098 EPA 8260C 10-11-17 10-11-17 bStyrene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0049 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 11,2,2-Teitrachloroethane ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,2-Tichlorobuene ND 0.00098 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.00098 EPA 8260C 10-11-17 </td <td>Chlorobenzene</td> <td>ND</td> <td>0.00098</td> <td>EPA 8260C</td> <td>10-11-17</td> <td>10-11-17</td> <td></td>	Chlorobenzene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
ND	1,1,1,2-Tetrachloroethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
December ND December Dece	Ethylbenzene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Styrene ND 0.00098 EPA 8260C 10-11-17 10-11	m,p-Xylene	ND	0.0020	EPA 8260C	10-11-17	10-11-17	
Bromoform ND 0.0049 EPA 8260C 10-11-17 10-1	o-Xylene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Sopropy Benzene ND 0.00098 EPA 8260C 10-11-17 10-11-1	Styrene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
Bromobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.00098 EPA 8260C 10-11-17 10-	Bromoform	ND	0.0049	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	Isopropylbenzene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane	Bromobenzene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
ND 0.00098 EPA 8260C 10-11-17 10-1	1,1,2,2-Tetrachloroethane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
C-Chlorotoluene	1,2,3-Trichloropropane	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene	n-Propylbenzene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0049 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene	2-Chlorotoluene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098	4-Chlorotoluene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098	1,3,5-Trimethylbenzene	ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene		ND	0.00098	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0049 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery <td></td> <td>ND</td> <td>0.00098</td> <td>EPA 8260C</td> <td>10-11-17</td> <td>10-11-17</td> <td></td>		ND	0.00098	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0049 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 115 73-134 Toluene-d8		ND			10-11-17		
ND 0.00098 EPA 8260C 10-11-17 10-1	=	ND	0.00098		10-11-17	10-11-17	
1,4-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10		ND	0.00098		10-11-17		
1,2-Dichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0049 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 115 73-134 Toluene-d8 109 81-124						10-11-17	
ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0049 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-						10-11-17	
1,2-Dibromo-3-chloropropane ND 0.0049 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 115 73-134 Toluene-d8 109 81-124							
1,2,4-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 115 73-134 Toluene-d8 109 81-124	-						
Hexachlorobutadiene ND 0.0049 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 115 73-134 Toluene-d8 109 81-124							
Naphthalene ND 0.00098 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 115 73-134 Toluene-d8 109 81-124							
1,2,3-Trichlorobenzene ND 0.00098 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 115 73-134 Toluene-d8 109 81-124							
Surrogate: Percent Recovery Control Limits Dibromofluoromethane 115 73-134 Toluene-d8 109 81-124	•						
Dibromofluoromethane 115 73-134 Toluene-d8 109 81-124							
Toluene-d8 109 81-124							
4-Bromowonenzene 102 XV-131	4-Bromofluorobenzene	102	80-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B3-7-8					
Laboratory ID:	10-072-04					
Dichlorodifluoromethane	ND	0.0028	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0080	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Acetone	0.16	0.0059	EPA 8260C	10-11-17	10-11-17	
Iodomethane	ND	0.0087	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	0.0015	0.0012	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
2-Butanone	0.049	0.0059	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B3-7-8					
Laboratory ID:	10-072-04					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
2-Hexanone	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
m,p-Xylene	ND	0.0024	EPA 8260C	10-11-17	10-11-17	
o-Xylene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Styrene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Bromoform	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
Isopropylbenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Bromobenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
n-Propylbenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
Naphthalene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-11-17	10-11-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	131	73-134				
Toluene-d8	124	81-124				

4-Bromofluorobenzene

80-131

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B3-12-13					
Laboratory ID:	10-072-05					
Dichlorodifluoromethane	ND	0.0040	EPA 8260C	10-12-17	10-12-17	
Chloromethane	ND	0.011	EPA 8260C	10-12-17	10-12-17	
Vinyl Chloride	ND	0.0019	EPA 8260C	10-12-17	10-12-17	
Bromomethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Chloroethane	ND	0.0074	EPA 8260C	10-12-17	10-12-17	
Trichlorofluoromethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloroethene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Acetone	0.46	0.0074	EPA 8260C	10-12-17	10-12-17	
lodomethane	ND	0.011	EPA 8260C	10-12-17	10-12-17	
Carbon Disulfide	0.0020	0.0015	EPA 8260C	10-12-17	10-12-17	
Methylene Chloride	ND	0.0074	EPA 8260C	10-12-17	10-12-17	
(trans) 1,2-Dichloroethene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Methyl t-Butyl Ether	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloroethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Vinyl Acetate	ND	0.0074	EPA 8260C	10-12-17	10-12-17	
2,2-Dichloropropane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
(cis) 1,2-Dichloroethene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
2-Butanone	0.070	0.0074	EPA 8260C	10-12-17	10-12-17	
Bromochloromethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Chloroform	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,1,1-Trichloroethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Carbon Tetrachloride	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloropropene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Benzene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,2-Dichloroethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Trichloroethene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,2-Dichloropropane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Dibromomethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Bromodichloromethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
2-Chloroethyl Vinyl Ether	ND	0.0074	EPA 8260C	10-12-17	10-12-17	
(cis) 1,3-Dichloropropene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Methyl Isobutyl Ketone	ND	0.0074	EPA 8260C	10-12-17	10-12-17	
Toluene	0.032	0.0074	EPA 8260C	10-12-17	10-12-17	
(trans) 1,3-Dichloropropene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	

Date of Report: October 19, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-072

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
	FL358-B3-12-13					
Laboratory ID:	10-072-05					
1,1,2-Trichloroethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Tetrachloroethene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,3-Dichloropropane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
2-Hexanone	ND	0.0074	EPA 8260C	10-12-17	10-12-17	
Dibromochloromethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,2-Dibromoethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Chlorobenzene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
1,1,1,2-Tetrachloroethane	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Ethylbenzene	0.014	0.0015	EPA 8260C	10-12-17	10-12-17	
m,p-Xylene	ND	0.14	EPA 8260C	10-11-17	10-11-17	
o-Xylene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Styrene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Bromoform	ND	0.0074	EPA 8260C	10-12-17	10-12-17	
Isopropylbenzene	ND	0.0015	EPA 8260C	10-12-17	10-12-17	
Bromobenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	ND	0.068	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane	ND	0.068	EPA 8260C	10-11-17	10-11-17	
n-Propylbenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
4-Chlorotoluene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
p-Isopropyltoluene	96	0.68	EPA 8260C	10-11-17	10-12-17	
1,4-Dichlorobenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane		0.34	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
Hexachlorobutadiene	ND	0.34	EPA 8260C	10-11-17	10-11-17	
Naphthalene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene	ND	0.068	EPA 8260C	10-11-17	10-11-17	
Surrogate:	Percent Recovery	Control Limits	21 / (02000	10 11 17	10 11 11	
Dibromofluoromethane	118	73-134				
Toluene-d8	123	73-13 4 81-124				
1 Oluene-uo 4-Bromofluorobenzene						
4-DI UITIUIIUUI UDENZENE	118	80-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B1-0.5-1					
Laboratory ID:	10-072-08					
Dichlorodifluoromethane	ND	0.0026	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0073	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Acetone	0.011	0.0054	EPA 8260C	10-11-17	10-11-17	
Iodomethane	ND	0.0079	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
2-Butanone	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	

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Analysis	Doords	DOL	Mathad	Date	Date	Flore
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B1-0.5-1					
Laboratory ID:	10-072-08	0.0044	EDA 00000	10.11.17	10.11.17	
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Tetrachloroethene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
2-Hexanone	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
I,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
n,p-Xylene	ND	0.0021	EPA 8260C	10-11-17	10-11-17	
o-Xylene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Styrene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Bromoform	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
sopropylbenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Bromobenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
n-Propylbenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1-Chlorotoluene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
ert-Butylbenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
o-Isopropyltoluene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane		0.0054	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
Hexachlorobutadiene	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
Naphthalene	ND	0.0034	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	10-11-17	10-11-17	
	Percent Recovery	Control Limits	LI A 0200C	10-11-11	10-11-17	
Surrogate:	-					
Dibromofluoromethane	124	73-134				
Toluene-d8	122	81-124				
4-Bromofluorobenzene	118	80-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B1-5-6					
Laboratory ID:	10-072-09					
Dichlorodifluoromethane	ND	0.0023	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0066	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Acetone	0.060	0.0048	EPA 8260C	10-11-17	10-11-17	
lodomethane	ND	0.0072	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	0.0012	0.00097	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	0.0053	0.00097	EPA 8260C	10-11-17	10-11-17	
2-Butanone	0.0067	0.0048	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Benzene	0.0010	0.00097	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B1-5-6					
Laboratory ID:	10-072-09					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Tetrachloroethene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
1,3-Dichloropropane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
2-Hexanone	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
m,p-Xylene	ND	0.0019	EPA 8260C	10-11-17	10-11-17	
o-Xylene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Styrene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Bromoform	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Isopropylbenzene	ND	0.00097	EPA 8260C	10-11-17	10-11-17	
Bromobenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,1,2,2-Tetrachloroethane	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,2,3-Trichloropropane	ND	0.057	EPA 8260C	10-12-17	10-12-17	
n-Propylbenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
2-Chlorotoluene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
4-Chlorotoluene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,3,5-Trimethylbenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
tert-Butylbenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,2,4-Trimethylbenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
sec-Butylbenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,3-Dichlorobenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
p-Isopropyltoluene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,4-Dichlorobenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,2-Dichlorobenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
n-Butylbenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,2-Dibromo-3-chloropropane	ND	0.29	EPA 8260C	10-12-17	10-12-17	
1,2,4-Trichlorobenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
Hexachlorobutadiene	ND	0.29	EPA 8260C	10-12-17	10-12-17	
Naphthalene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
1,2,3-Trichlorobenzene	ND	0.057	EPA 8260C	10-12-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	127	73-134				
Toluene-d8	104	81-124				

4-Bromofluorobenzene

80-131

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B1-10-11					
Laboratory ID:	10-072-10					
Dichlorodifluoromethane	ND	0.0024	EPA 8260C	10-11-17	10-11-17	_
Chloromethane	ND	0.0068	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Acetone	0.0060	0.0050	EPA 8260C	10-11-17	10-11-17	
Iodomethane	ND	0.0074	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	0.014	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Butanone	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	0.0076	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	

Date of Report: October 19, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-072

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Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B1-10-11					
Laboratory ID:	10-072-10					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Tetrachloroethene	0.016	0.0010	EPA 8260C	10-11-17	10-11-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Hexanone	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-11-17	10-11-17	
o-Xylene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Styrene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromoform	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane		0.0050	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Naphthalene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	119	73-134				
Toluene-d8	118	81-124				
4-Bromofluorobenzene	112	80-131				
+-DI 01110111101100E112E11E	112	00-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-B1-13-14					
Laboratory ID:	10-072-11					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0054	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Acetone	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
Iodomethane	ND	0.0059	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	0.0043	0.00080	EPA 8260C	10-11-17	10-11-17	
2-Butanone	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	0.0022	0.00080	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	

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Laboratory ID: 1,1,2-Trichloroethane	Result FL358-B1-13-14 10-072-11 ND 0.066	PQL 0.00080	Method	Prepared	Analyzed	Flags
Laboratory ID: 1,1,2-Trichloroethane	10-072-11 ND 0.066	0.00080				
1,1,2-Trichloroethane	ND 0.066	0.00080				
	0.066	0.00080				
T (11 0		0.0000	EPA 8260C	10-11-17	10-11-17	
Tetrachloroethene		0.00080	EPA 8260C	10-11-17	10-11-17	
1,3-Dichloropropane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
2-Hexanone	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
m,p-Xylene	ND	0.0016	EPA 8260C	10-11-17	10-11-17	
o-Xylene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Styrene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Bromoform	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
Isopropylbenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Bromobenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
n-Propylbenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
4-Chlorotoluene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
p-Isopropyltoluene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,4-Dichlorobenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
Hexachlorobutadiene	ND	0.0040	EPA 8260C	10-11-17	10-11-17	
Naphthalene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene	ND	0.00080	EPA 8260C	10-11-17	10-11-17	
	Percent Recovery	Control Limits				
Dibromofluoromethane	123	73-134				
Toluene-d8	114	81-124				
4-Bromofluorobenzene	112	80-131				

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TOTAL METALS EPA 6010C

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	10-072-01					
Client ID:	FL358-B3-0-0.5					
Arsenic	ND	5.4	6010C	10-16-17	10-17-17	
Lead	ND	5.4	6010C	10-16-17	10-17-17	
Lab ID:	10-072-02					
Client ID:	FL358-B3-0.5-1					
Arsenic	46	5.6	6010C	10-16-17	10-17-17	
Lead	11	5.6	6010C	10-16-17	10-17-17	

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB1011S1					
ND	0.0024	EPA 8260C	10-11-17	10-11-17	
ND	0.0068	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0050	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0050	EPA 8260C	10-11-17	10-11-17	
ND	0.0074	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0050	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0050	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0050	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0050	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	0.0050	EPA 8260C	10-11-17	10-11-17	
ND	0.0050	EPA 8260C	10-11-17	10-11-17	
ND	0.0010	EPA 8260C	10-11-17	10-11-17	
	MB1011S1 ND	MB1011S1 ND 0.0024 ND 0.0068 ND 0.0010 ND 0.0010 ND 0.0050 ND 0.0010 ND 0.0050 ND 0.0050 ND 0.0010 ND 0.001	MB1011S1 ND 0.0024 EPA 8260C ND 0.0068 EPA 8260C ND 0.0010 EPA 8260C ND 0.0010 EPA 8260C ND 0.0050 EPA 8260C ND 0.0010 EPA 8260C ND 0.0010 EPA 8260C ND 0.0050 EPA 8260C ND 0.0050 EPA 8260C ND 0.0074 EPA 8260C ND 0.0010 EPA 8260C ND 0.0050 EPA 8260C ND 0.0010 EPA 8260C <t< td=""><td>MB1011S1 ND 0.0024 EPA 8260C 10-11-17 ND 0.0068 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0050 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0050 EPA 8260C 10-11-17 ND 0.0074 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.001</td><td>MB1011S1 ND 0.0024 EPA 8260C 10-11-17 10-11-17 ND 0.0068 EPA 8260C 10-11-17 10-11-17 ND 0.0068 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0074 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND</td></t<>	MB1011S1 ND 0.0024 EPA 8260C 10-11-17 ND 0.0068 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0050 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.0050 EPA 8260C 10-11-17 ND 0.0074 EPA 8260C 10-11-17 ND 0.0010 EPA 8260C 10-11-17 ND 0.001	MB1011S1 ND 0.0024 EPA 8260C 10-11-17 10-11-17 ND 0.0068 EPA 8260C 10-11-17 10-11-17 ND 0.0068 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0074 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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Laboratory D: MB1011S1	Analys	Denut	DOL	Madhad	Date	Date	F I
1,1,2-Trichloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Tetrachloroethene ND 0.0010 EPA 8260C 10-11-17	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
1,1,2-Trichloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Tetrachloroethene ND 0.0010 EPA 8260C 10-11-17	Laboratory ID:	MB1011S1					
1,3-Dichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Hexanone ND 0.0050 EPA 8260C 10-11-17 10-11-17 Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Mylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Brylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Brylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Brylene ND 0.0010 EPA 8260C 10-11-17	1,1,2-Trichloroethane		0.0010	EPA 8260C	10-11-17	10-11-17	
1,3-Dichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Hexanone ND 0.0050 EPA 8260C 10-11-17 10-11-17 Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Mylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Brylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Brylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Brylene ND 0.0010 EPA 8260C 10-11-17		ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Hexanone ND 0.0050 EPA 8260C 10-11-17 10-11-17 Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 0-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 0-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 18yrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 18promoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 18promobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 19promobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,3-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Tetrachlorobolene ND 0.0010 EP	1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Chlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 L1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Int_1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 1	2-Hexanone	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 m,p-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0010 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0010 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Tichloropropane ND 0.0010 EPA 8260C 10-	Dibromochloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 m,p-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Chlorotoluene ND 0.0010 EPA 8260C	1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 m,p-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 -Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 -Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-1	Chlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
mp-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 <td>1,1,1,2-Tetrachloroethane</td> <td>ND</td> <td>0.0010</td> <td>EPA 8260C</td> <td>10-11-17</td> <td>10-11-17</td> <td></td>	1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
mp-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17<	Ethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 82		ND	0.0020	EPA 8260C	10-11-17	10-11-17	
Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 <td< td=""><td></td><td>ND</td><td></td><td></td><td>10-11-17</td><td>10-11-17</td><td></td></td<>		ND			10-11-17	10-11-17	
Bromoform ND	-	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1-2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 10-11-17 1,2-3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17	Bromoform	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010	Isopropylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tetr-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tetr-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010	Bromobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tetr-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010	1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND		ND	0.0010	EPA 8260C	10-11-17	10-11-17	
4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND <td>n-Propylbenzene</td> <td>ND</td> <td>0.0010</td> <td>EPA 8260C</td> <td>10-11-17</td> <td>10-11-17</td> <td></td>	n-Propylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2-4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0	2-Chlorotoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0050 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C </td <td>4-Chlorotoluene</td> <td>ND</td> <td>0.0010</td> <td>EPA 8260C</td> <td>10-11-17</td> <td>10-11-17</td> <td></td>	4-Chlorotoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0050 EPA 8260C 10-11-17 10-11-17 n-2-Dibromo-3-chloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-1-17 10-11-17 10-11-17 10-11-17 10-11-17 n-1-17 ND 0.0050 EPA 8260C 10-11-17 10-11-17 n-1-17 ND 0.0010 EPA 8260C 10-11-1	1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2,3-Trichlorobenzene ND <td< td=""><td>tert-Butylbenzene</td><td>ND</td><td>0.0010</td><td>EPA 8260C</td><td>10-11-17</td><td>10-11-17</td><td></td></td<>	tert-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2urrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8	1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	sec-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124		ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	n-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124		ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	Naphthalene						
Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,2,3-Trichlorobenzene	ND				10-11-17	
Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124		Percent Recovery	Control Limits				
Toluene-d8 99 81-124	_	-					
	4-Bromofluorobenzene	100	80-131				

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1012S1					
Dichlorodifluoromethane	ND	0.0027	EPA 8260C	10-12-17	10-12-17	
Chloromethane	ND	0.0072	EPA 8260C	10-12-17	10-12-17	
Vinyl Chloride	ND	0.0013	EPA 8260C	10-12-17	10-12-17	
Bromomethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Chloroethane	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Acetone	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
lodomethane	ND	0.0071	EPA 8260C	10-12-17	10-12-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Methylene Chloride	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
2-Butanone	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Chloroform	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Benzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Toluene	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
•		·		•	•	
Laboratory ID:	MB1012S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
2-Hexanone	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Ethylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-12-17	10-12-17	
o-Xylene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Styrene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Bromoform	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
sopropylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
o-Isopropyltoluene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Naphthalene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	73-134				
Taluana de	112	91 124				

Dibromofluoromethane 107 73-134
Toluene-d8 112 81-124
4-Bromofluorobenzene 122 80-131



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VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	11S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0529	0.0533	0.0500	0.0500	106	107	66-127	1	15	
Benzene	0.0585	0.0594	0.0500	0.0500	117	119	76-122	2	15	
Trichloroethene	0.0390	0.0393	0.0500	0.0500	78	79	78-120	1	15	
Toluene	0.0526	0.0543	0.0500	0.0500	105	109	83-120	3	15	
Chlorobenzene	0.0452	0.0461	0.0500	0.0500	90	92	81-120	2	15	
Surrogate:										
Dibromofluoromethane					102	109	73-134			
Toluene-d8					99	110	81-124			
4-Bromofluorobenzene					97	104	80-131			

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VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	12S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0529	0.0529	0.0500	0.0500	106	106	66-127	0	15	
Benzene	0.0604	0.0599	0.0500	0.0500	121	120	76-122	1	15	
Trichloroethene	0.0400	0.0395	0.0500	0.0500	80	79	78-120	1	15	
Toluene	0.0554	0.0540	0.0500	0.0500	111	108	83-120	3	15	
Chlorobenzene	0.0461	0.0453	0.0500	0.0500	92	91	81-120	2	15	
Surrogate:										
Dibromofluoromethane					94	101	73-134			
Toluene-d8					102	107	81-124			
4-Bromofluorobenzene					108	111	80-131			

Project: 4082-039-01

TOTAL METALS EPA 6010C METHOD BLANK QUALITY CONTROL

Date Extracted: 10-16-17
Date Analyzed: 10-17-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: MB1016SM2

Analyte	Method	Result	PQL
Arsenic	6010C	ND	5.0
Lead	6010C	ND	5.0

Project: 4082-039-01

TOTAL METALS EPA 6010C DUPLICATE QUALITY CONTROL

Date Extracted: 10-16-17 Date Analyzed: 10-17-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-201-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	5.0	
Lead	7.15	ND	NA	5.0	

Project: 4082-039-01

TOTAL METALS EPA 6010C MS/MSD QUALITY CONTROL

Date Extracted: 10-16-17 Date Analyzed: 10-17-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-201-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	98.9	99	98.0	98	1	
Lead	250	233	90	235	91	1	

Project: 4082-039-01

% MOISTURE

Date Analyzed: 10-11&17-17

Client ID	Lab ID	% Moisture
FL358-B3-0-0.5	10-072-01	7
FL358-B3-0.5-1	10-072-02	11
FL358-B3-5-6	10-072-03	7
FL358-B3-7-8	10-072-04	14
FL358-B3-12-13	10-072-05	14
FL358-B1-0.5-1	10-072-08	7
FL358-B1-5-6	10-072-09	12
FL358-B1-10-11	10-072-10	17
FL358-B1-13-14	10-072-11	12



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical ______.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit





Chain of Custody

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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 FL358 -B1-10-11	9 F2358-BI- S-6	8 PL358-BI- 0:5-1	7 FC358-BI- 0-DIS	6 F2358-B3-16.5-17.5	5 12358-83-12-13	4 72358-63-7-8	3 72358-63-5-6	9 FL358B3-0.5-1	1 728-83-0-0.5 K	Lab ID Sample Identification	CUG I PUR	Mars Belson	Sound Trains + Phase H	40 82-039-01	Company: GK	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com
Reviewed/Date					のが大ち	65)	Company	V 945 V V	940	932	930	905	900	2578	0.58	845	0/5/17 843 80/ 5		per of C		Standard (7 Days) (TPH analysis 5 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)
					1015/17/1805	505/ 4/12/01	Date Time	8	(X)	8			8	(X)	2			NWTF NWTF Volatii Halog	PH-Dx (les 826 enated	BTEX Acid Control	I / SG CI es 82600 ers Only			Laboratory Number:
Chromatograms with final report Electronic Data Deliverables (EDDs)	Data Package: Standard ☐ Level III ☐ Level IV ☐		AST PAN	1	added 10/16/17 03 (3 day TAT	SHALL 10/6/17 78 (5 days	Comments/Special Instructions									•	•	(with I PAHs PCBs Organ Organ Chlori Total I TCLP HEM	8082A lochlori lophosp nated A RCRA M MTCA M Metals	al PAHse (SIM (Icc) ne Pes whorus Acid He (Icl) (es 8270 8151A	D/SIM	
					V	-)	R	(2)	(2)			R	(XX)	D	0	0	% Mo	sture					



Chain of Custody

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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature					2 [7, 358 - 8] - 19-20	PL358-B1-13-14 NSTIT	Lab ID Sample Identification Sampled	Sampled by: () Beeson (B) c	und Trainsit Phase 11	4683-639-81 = 2 Days	
Reviewed/Date					Der Her	GET	Company					N N 556	850 Soil 5	Time Sampled Matrix Number		Standard (7 Days) (TPH analysis 5 Days)	iys 🔲 3 Days	
					1015/17/505	10/2/17 1500	Date Time						8	NWTPH-(NWTPH-I Volatiles ii Halogena	Gx/BTEX Gx Dx (cid / SG (OC .	
Chromatograms with final report Electronic Data Deliverables (EDDs)	Data Package: Standard						Comments/Special Instructions							Semivola (with low-PAHs 827 PCBs 800 Organoph Chlorinate Total MTC TCLP Me HEM (oil:	level PA 70D/SIM 82A allorine Pa nosphoru ed Acid la RA Metal CA Metal tals	Hs) (low-leve	8081B des 827 es 8151/	



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 12, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-062

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 5, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 4082-039-01

Case Narrative

Samples were collected on October 4, 2017 and received by the laboratory on October 5, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260C Analysis

Surrogate Standard Toluene-d8 is outside control limits on the high end for sample FL363-B4-7-8 due to co-eluting non-target analytes.

Some MTCA Method A cleanup levels are non-achievable for samples FL363-B4-11-12, FL363-B4-12-13 and FL363-B5-11.5-12.5 due to the necessary dilution of the samples.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
FL363-B4-0-0.5	10-062-01	Soil	10-4-17	10-5-17	
FL363-B4-0.5-1	10-062-02	Soil	10-4-17	10-5-17	
FL363-B4-7-8	10-062-03	Soil	10-4-17	10-5-17	
FL363-B4-11-12	10-062-04	Soil	10-4-17	10-5-17	
FL363-B4-12-13	10-062-05	Soil	10-4-17	10-5-17	
FL363-B4-17-18	10-062-06	Soil	10-4-17	10-5-17	
FL363-B5-0-0.5	10-062-07	Soil	10-4-17	10-5-17	
FL363-B5-0.5-1	10-062-08	Soil	10-4-17	10-5-17	
FL363-B5-5.5-6.5	10-062-09	Soil	10-4-17	10-5-17	
FL363-B5-11.5-12.5	10-062-10	Soil	10-4-17	10-5-17	
FL363-B5-17-18	10-062-11	Soil	10-4-17	10-5-17	
FL363-B6-6-7	10-062-14	Soil	10-4-17	10-5-17	
FL363-B6-11-12	10-062-15	Soil	10-4-17	10-5-17	
FL363-B6-17-18	10-062-16	Soil	10-4-17	10-5-17	
FL363-B7-0-0.5	10-062-17	Soil	10-4-17	10-5-17	
FL363-B7-0.5-1	10-062-18	Soil	10-4-17	10-5-17	
FL363-B7-6-7	10-062-19	Soil	10-4-17	10-5-17	
FL363-B7-10-11	10-062-20	Soil	10-4-17	10-5-17	
FL363-B7-17-18	10-062-21	Soil	10-4-17	10-5-17	

Project: 4082-039-01

NWTPH-Gx

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-7-8					
Laboratory ID:	10-062-03					
Gasoline	ND	8.8	NWTPH-Gx	10-9-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	66	63-124				
Client ID:	FL363-B4-11-12					
Laboratory ID:	10-062-04					
Gasoline	73	11	NWTPH-Gx	10-9-17	10-11-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	77	63-124				
Client ID:	FL363-B4-12-13					
Laboratory ID:	10-062-05					
Gasoline	1300	51	NWTPH-Gx	10-9-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	103	63-124				
Client ID:	FL363-B4-17-18					
Laboratory ID:	10-062-06					
Gasoline	8.8	7.1	NWTPH-Gx	10-9-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	80	63-124				
Client ID:	FL363-B5-5.5-6.5					
Laboratory ID:	10-062-09					
Gasoline	ND	5.7	NWTPH-Gx	10-9-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	77	63-124				
Client ID:	FL363-B5-11.5-12.5					
Laboratory ID:	10-062-10					
Gasoline	500	31	NWTPH-Gx	10-9-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	94	63-124				

Project: 4082-039-01

NWTPH-Gx

Matrix: Soil

Analyte Result PQL Method Prepared Analyzed Flags Client ID: FL363-B5-17-18 Laboratory ID: 10-062-11 10-062-11 10-10-17 <td< th=""><th>g,g (pp)</th><th></th><th></th><th></th><th>Date</th><th>Date</th><th></th></td<>	g,g (pp)				Date	Date	
Laboratory ID:	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Sasoline	Client ID:	FL363-B5-17-18					
Surrogate:	Laboratory ID:	10-062-11					
Fluorobenzene 79 63-124	Gasoline	ND	5.6	NWTPH-Gx	10-9-17	10-10-17	
Client ID:	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID: 10-062-14 Gasoline ND 7.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Fluorobenzene Control Limits Control Limits Fluorobenzene 72 63-124 Control Limits Client ID: FL363-B6-11-12 Second Recovery Control Limits ND 8.6 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits 63-124 FL363-B6-17-18 Recovery Control Limits Recovery Control Limits ND 5.5 NWTPH-Gx 10-9-17 10-10-17 ND Surrogate: Percent Recovery Control Limits Percent Recovery Control Limits Recovery Control Limits	Fluorobenzene	79	63-124				
Gasoline ND 7.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 72 63-124 Client ID: FL363-B6-11-12 Laboratory ID: 10-062-15 Gasoline ND 8.6 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 68 63-124 Client ID: FL363-B6-17-18 Laboratory ID: 10-062-16 Gasoline ND 5.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 78 63-124 Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 Control Limits Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17	Client ID:	FL363-B6-6-7					
Surrogate: Percent Recovery Control Limits Fluorobenzene 72 63-124	Laboratory ID:	10-062-14					
Fluorobenzene 72 63-124	Gasoline	ND	7.5	NWTPH-Gx	10-9-17	10-10-17	
Client ID:	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID: 10-062-15 Gasoline ND 8.6 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 68 Control Limits 63-124 Client ID: FL363-B6-17-18 Laboratory ID: Laboratory ID: 10-062-16 Gasoline ND 5.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 78 63-124 Control Limits Fluorobenzene ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 71 Control Limits 63-124 Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Fluorobenzene	72	63-124				
Gasoline ND 8.6 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 68 Control Limits Fluorobenzene 68 63-124 Client ID: FL363-B6-17-18 Laboratory ID: 10-062-16 Gasoline ND 5.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 78 63-124 Control Limits 10-9-17 10-10-17 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 71 Control Limits 63-124 Client ID: FL363-B7-10-11 Control Limits 10-9-17 10-10-17 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits 10-9-17 10-10-17	Client ID:	FL363-B6-11-12					
Surrogate: Percent Recovery Control Limits Fluorobenzene 68 63-124 Client ID: FL363-B6-17-18 Laboratory ID: 10-062-16 Gasoline ND 5.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 78 63-124 Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Laboratory ID:	10-062-15					
Client ID: FL363-B6-17-18 Laboratory ID: 10-062-16 Gasoline ND 5.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 78 63-124 Control Limits Fluorobenzene 78 63-124 Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 71 63-124 Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fontrol Limits 10-9-17 10-10-17	Gasoline	ND	8.6	NWTPH-Gx	10-9-17	10-10-17	
Client ID: FL363-B6-17-18 Laboratory ID: 10-062-16 Gasoline ND 5.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 78 63-124 Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID: 10-062-16 Gasoline ND 5.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Fluorobenzene Control Limits 78 63-124 Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery 71 Control Limits 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Fluorobenzene	68	63-124				
Gasoline ND 5.5 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 78 63-124 Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Client ID:	FL363-B6-17-18					
Surrogate: Percent Recovery Control Limits Fluorobenzene 78 63-124 Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Laboratory ID:	10-062-16					
Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Gasoline	ND	5.5	NWTPH-Gx	10-9-17	10-10-17	
Client ID: FL363-B7-6-7 Laboratory ID: 10-062-19 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Fluorobenzene Control Limits 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID: 10-062-19 Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Fluorobenzene	78	63-124				
Gasoline ND 5.3 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Client ID:	FL363-B7-6-7					
Surrogate: Percent Recovery Control Limits Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Laboratory ID:	10-062-19					
Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Gasoline	ND	5.3	NWTPH-Gx	10-9-17	10-10-17	
Fluorobenzene 71 63-124 Client ID: FL363-B7-10-11 Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Surrogate:	Percent Recovery	Control Limits				_
Laboratory ID: 10-062-20 Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Fluorobenzene		63-124				
Gasoline ND 5.4 NWTPH-Gx 10-9-17 10-10-17 Surrogate: Percent Recovery Control Limits	Client ID:	FL363-B7-10-11					
Surrogate: Percent Recovery Control Limits	Laboratory ID:	10-062-20					
y ,	Gasoline	ND	5.4	NWTPH-Gx	10-9-17	10-10-17	
Fluorobenzene 77 63-124	Surrogate:	Percent Recovery	Control Limits				
	Fluorobenzene	77	63-124				

Project: 4082-039-01

NWTPH-Gx

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B7-17-18					
Laboratory ID:	10-062-21					
Gasoline	ND	4.9	NWTPH-Gx	10-9-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	63-124				

Project: 4082-039-01

NWTPH-Dx

Matrix: Soil

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FL363-B4-7-8					
Laboratory ID:	10-062-03					
Diesel Range Organics	74	35	NWTPH-Dx	10-6-17	10-9-17	N
Lube Oil Range Organics	500	69	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	90	50-150				
Client ID:	FL363-B4-11-12					
Laboratory ID:	10-062-04					
Diesel Range Organics	ND	130	NWTPH-Dx	10-6-17	10-9-17	U1,M1
Lube Oil Range Organics	ND	58	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	74	50-150				
Client ID:	FL363-B4-12-13					
Laboratory ID:	10-062-05					
Diesel Range Organics	ND	200	NWTPH-Dx	10-6-17	10-9-17	U1,M1
Lube Oil Range Organics	ND	56	NWTPH-Dx	10-6-17	10-9-17	- ,
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	75	50-150				
Client ID:	FL363-B4-17-18					
Laboratory ID:	10-062-06					
Diesel Range Organics	ND	31	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil	98	62	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits	INVVIII II DX	10 0 17	10 0 17	
o-Terphenyl	83	50-150				
о-тегрпенуі	00	30-130				
Client ID:	FL363-B5-5.5-6.5					
Laboratory ID:	10-062-09					
Diesel Range Organics	ND	28	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	ND Parant Passyon	55	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	73	50-150				
Client ID:	FL363-B5-11.5-12.5					
Laboratory ID:	10-062-10					
Diesel Range Organics	ND	320	NWTPH-Dx	10-6-17	10-9-17	U1,M1
Lube Oil Range Organics	ND	60	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	81	50-150				

Project: 4082-039-01

NWTPH-Dx

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-17-18					
Laboratory ID:	10-062-11					
Diesel Range Organics	ND	27	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	ND	54	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	73	50-150				
Client ID:	FL363-B6-6-7					
Laboratory ID:	10-062-14					
Diesel Range Organics	ND	28	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	63	55	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	72	50-150				
Client ID:	FL363-B6-11-12					
Laboratory ID:	10-062-15					
Diesel Range Organics	ND	36	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	100	36 72	NWTPH-DX	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits	INVV I P II - DX	10-6-17	10-9-17	
o-Terphenyl	76	50-150				
0-Terprierryi	70	30-130				
Client ID:	FL363-B6-17-18					
Laboratory ID:	10-062-16					
Diesel Range Organics	ND	29	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	ND	57	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits	111111111111111111111111111111111111111	10017	10011	
o-Terphenyl	73	50-150				
- : o.po	, 0	22 .00				
Client ID:	FL363-B7-6-7					
Laboratory ID:	10-062-19					
Diesel Range Organics	ND	28	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	ND	56	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	73	50-150				
, ,						
Client ID:	FL363-B7-10-11					
Laboratory ID:	10-062-20					
Diesel Range Organics	ND	29	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	ND	58	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	68	50-150				

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NWTPH-Dx

Matrix: Soil

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FL363-B7-17-18					
Laboratory ID:	10-062-21					
Diesel Range Organics	ND	28	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	ND	57	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	80	50-150				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-7-8					
Laboratory ID:	10-062-03					
Dichlorodifluoromethane	ND	0.0029	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Acetone	0.25	0.0080	EPA 8260C	10-9-17	10-9-17	
Iodomethane	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.016	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
2-Butanone	0.058	0.0080	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Benzene	0.0035	0.0016	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	

Date of Report: October 12, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-062 Project: 4082-039-01

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Analyte Client ID:	Result FL363-B4-7-8	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	10-062-03 ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,1,2-Trichloroethane Tetrachloroethene	ND ND	0.0016	EPA 8260C EPA 8260C	10-9-17		
					10-9-17	
1,3-Dichloropropane	ND ND	0.0016	EPA 8260C	10-9-17	10-9-17	
2-Hexanone Dibromochloromethane	ND ND	0.0080	EPA 8260C	10-9-17	10-9-17	
		0.0016	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	0.049	0.0032	EPA 8260C	10-9-17	10-9-17	
o-Xylene	0.0017	0.0016	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	0.021	0.0016	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	0.076	0.0016	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	0.022	0.0016	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	0.053	0.0016	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	0.033	0.0016	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	0.021	0.0016	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	0.027	0.0016	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.0080	EPA 8260C	10-9-17	10-9-17	
Naphthalene	0.0030	0.0016	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.0016	EPA 8260C	10-9-17	10-9-17	
	Percent Recovery	Control Limits	= = ='	·		
Dibromofluoromethane	122	73-134				
Toluene-d8						_
	134	81-124				Q

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		PQL	Method	Date	Date	
Analyte	Result			Prepared	Analyzed	Flags
Client ID:	FL363-B4-11-12					
Laboratory ID:	10-062-04					
Dichlorodifluoromethane	ND	0.10	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.29	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.29	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	0.29	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.29	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.58	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.29	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	0.29	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.29	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.29	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.29	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.058	EPA 8260C	10-9-17	10-9-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-11-12					
Laboratory ID:	10-062-04					
1,1,2-Trichloroethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.29	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	ND	0.12	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.29	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.058	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane	e ND	0.29	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.29	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.058	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	73-134				
Toluene-d8	109	81-124				

 Toluene-d8
 109
 81-124

 4-Bromofluorobenzene
 119
 80-131



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Analyte	Result	PQL	Method	Date	Date	
				Prepared	Analyzed	Flags
Client ID:	FL363-B4-12-13					
Laboratory ID:	10-062-05					
Dichlorodifluoromethane	ND	0.082	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.23	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.23	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	0.23	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.23	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.46	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.046	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.23	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	0.23	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.046	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.046	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.23	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.23	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.23	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.046	EPA 8260C	10-9-17	10-9-17	

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Data

Date of Report: October 12, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-062

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-12-13					
aboratory ID:	10-062-05					
,1,2-Trichloroethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
,3-Dichloropropane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.23	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
,2-Dibromoethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
,1,1,2-Tetrachloroethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	3.7	0.046	EPA 8260C	10-9-17	10-9-17	
n,p-Xylene	20	1.8	EPA 8260C	10-9-17	10-10-17	
o-Xylene	2.8	0.046	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.23	EPA 8260C	10-9-17	10-9-17	
sopropylbenzene	0.98	0.046	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
,1,2,2-Tetrachloroethane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
,2,3-Trichloropropane	ND	0.046	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	5.1	0.046	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
I-Chlorotoluene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
,3,5-Trimethylbenzene	18	0.91	EPA 8260C	10-9-17	10-10-17	
ert-Butylbenzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
,2,4-Trimethylbenzene	47	0.91	EPA 8260C	10-9-17	10-10-17	
sec-Butylbenzene	1.1	0.046	EPA 8260C	10-9-17	10-9-17	
,3-Dichlorobenzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
o-Isopropyltoluene	0.63	0.046	EPA 8260C	10-9-17	10-9-17	
,4-Dichlorobenzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
,2-Dichlorobenzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	6.8	0.046	EPA 8260C	10-9-17	10-9-17	
,2-Dibromo-3-chloropropan	e ND	0.23	EPA 8260C	10-9-17	10-9-17	
,2,4-Trichlorobenzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.23	EPA 8260C	10-9-17	10-9-17	
Naphthalene	4.3	0.046	EPA 8260C	10-9-17	10-9-17	
,2,3-Trichlorobenzene	ND	0.046	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	73-134				
Toluene-d8	115	81-124				

I oluene-d8 81-124 127 80-131 4-Bromofluorobenzene



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	Result	PQL		Date	Date	
Analyte			Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-17-18					
Laboratory ID:	10-062-06					
Dichlorodifluoromethane	ND	0.0021	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	0.0063	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Acetone	0.028	0.0048	EPA 8260C	10-10-17	10-10-17	
lodomethane	ND	0.0067	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	0.0097	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
2-Butanone	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-17-18					
_aboratory ID:	10-062-06					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	0.0046	0.00097	EPA 8260C	10-10-17	10-10-17	
n,p-Xylene	0.011	0.0019	EPA 8260C	10-10-17	10-10-17	
o-Xylene	0.0022	0.00097	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
sopropylbenzene	0.0011	0.00097	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
,2,3-Trichloropropane	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	0.0067	0.00097	EPA 8260C	10-10-17	10-10-17	
-Chlorotoluene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
I-Chlorotoluene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
,3,5-Trimethylbenzene	0.0024	0.00097	EPA 8260C	10-10-17	10-10-17	
ert-Butylbenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
,2,4-Trimethylbenzene	0.015	0.00097	EPA 8260C	10-10-17	10-10-17	
ec-Butylbenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
,3-Dichlorobenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
-Isopropyltoluene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
,4-Dichlorobenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
,2-Dichlorobenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	0.0028	0.00097	EPA 8260C	10-10-17	10-10-17	Υ
,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
,2,4-Trichlorobenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
lexachlorobutadiene	ND	0.0048	EPA 8260C	10-10-17	10-10-17	
laphthalene	0.0078	0.00097	EPA 8260C	10-10-17	10-10-17	
,2,3-Trichlorobenzene	ND	0.00097	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	88	73-134				
Toluene-d8	95	81-124				
1-Bromofluorobenzene	106	80-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-5.5-6.5					
Laboratory ID:	10-062-09					
Dichlorodifluoromethane	ND	0.0027	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	0.0079	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	0.0061	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Acetone	0.21	0.0061	EPA 8260C	10-10-17	10-10-17	
Iodomethane	ND	0.0084	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	0.012	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	0.0061	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
2-Butanone	0.015	0.0061	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	0.0061	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloropropene	. ND	0.0012	EPA 8260C	10-10-17	10-10-17	

Date of Report: October 12, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-062

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Analyta	Result	PQL	Method	Date Prepared	Date	Elogo
Analyte Client ID:	FL363-B5-5.5-6.5	PQL	Wethou	Frepareu	Analyzed	Flags
Laboratory ID:	10-062-09	0.0040	EDA 02000	10 10 17	10 10 17	
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	0.0061	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	0.0027	0.0012	EPA 8260C	10-10-17	10-10-17	
m,p-Xylene	0.012	0.0024	EPA 8260C	10-10-17	10-10-17	
o-Xylene	0.0037	0.0012	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	0.0061	EPA 8260C	10-10-17	10-10-17	
sopropylbenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1-Chlorotoluene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
ert-Butylbenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	0.0025	0.0012	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropane		0.0061	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	, ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.0012	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND ND	0.0061	EPA 8260C	10-10-17	10-10-17	
•	ND ND					
1,2,3-Trichlorobenzene		0.0012	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	123	73-134				
Toluene-d8	110	81-124				
4-Bromofluorobenzene	122	80-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-11.5-12.5					
Laboratory ID:	10-062-10					
Dichlorodifluoromethane	ND	0.11	EPA 8260C	10-9-17	10-9-17	_
Chloromethane	ND	0.30	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.30	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	0.30	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.30	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.61	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.30	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	0.30	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.30	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.30	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.30	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropen	e ND	0.061	EPA 8260C	10-9-17	10-9-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-11.5-12.5					
Laboratory ID:	10-062-10					
1,1,2-Trichloroethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.30	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	11	0.061	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	0.80	0.12	EPA 8260C	10-9-17	10-9-17	
o-Xylene	0.069	0.061	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.30	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	1.5	0.061	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.061	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	6.2	0.061	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	0.39	0.061	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	3.8	0.061	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	0.86	0.061	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
o-Isopropyltoluene	0.23	0.061	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	3.2	0.061	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropar	ie ND	0.30	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
-lexachlorobutadiene	ND	0.30	EPA 8260C	10-9-17	10-9-17	
Naphthalene	3.5	0.061	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.061	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	73-134				
Toluene-d8	119	81-124				

4-Bromofluorobenzene

80-131

121

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	Result	PQL	Method	Date	Date	
Analyte				Prepared	Analyzed	Flags
Client ID:	FL363-B5-17-18					
Laboratory ID:	10-062-11					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Acetone	0.065	0.0051	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.010	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Butanone	0.0070	0.0051	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Benzene	0.012	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Toluene	0.018	0.0051	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-17-18					
Laboratory ID:	10-062-11					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	0.011	0.0010	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	0.013	0.0020	EPA 8260C	10-9-17	10-9-17	
o-Xylene	0.0040	0.0010	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	0.0014	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	0.0039	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	0.0014	0.0010	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	0.0084	0.0010	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	0.0017	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	73-134				
Toluene-d8	117	81-124				
4-Bromofluorobenzene	125	80-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-6-7					
Laboratory ID:	10-062-14					
Dichlorodifluoromethane	ND	0.0021	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Acetone	0.23	0.0059	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	0.0026	0.0012	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.012	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
2-Butanone	0.023	0.0059	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Benzene	0.020	0.0012	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-6-7					
Laboratory ID:	10-062-14					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	0.0014	0.0012	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	ND	0.0024	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.0059	EPA 8260C	10-9-17	10-9-17	
sopropylbenzene	ND	0.0012	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.061	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
ert-Butylbenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropane		0.31	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
-lexachlorobutadiene	ND	0.31	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.061	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	118	73-134				
Toluene-d8	116	81-124				
. 5.25770 40		0. 121				

4-Bromofluorobenzene

80-131

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onits. mg/kg				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-11-12					
Laboratory ID:	10-062-15					
Dichlorodifluoromethane	ND	0.0044	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.012	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.012	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Acetone	0.56	0.012	EPA 8260C	10-9-17	10-9-17	
Iodomethane	ND	0.012	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.025	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.012	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
2-Butanone	0.13	0.012	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Benzene	0.0025	0.0025	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.012	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.012	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.012	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	

Date of Report: October 12, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-062

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FL363-B6-11-12	FWL	WELLIOU	riepareu	Allalyzed	ı ıays
	10-062-15					
Laboratory ID:		0.0025	EDA 9260C	10-9-17	10 0 17	
1,1,2-Trichloroethane	ND ND		EPA 8260C		10-9-17	
Tetrachloroethene	ND ND	0.0025	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane 2-Hexanone		0.0025	EPA 8260C	10-9-17 10-9-17	10-9-17 10-9-17	
	ND ND	0.012	EPA 8260C			
Dibromochloromethane		0.0025	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	ND	0.0049	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Bromoform 	ND	0.012	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	ND	0.0025	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.097	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
tert-Butylbenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropane	e ND	0.49	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.49	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.097	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	73-134				
Toluene-d8	115	81-124				
1-Bromofluorobenzene	103	80-131				

4-Bromofluorobenzene 103 80-131



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Analyte		PQL		Date	Date	
	Result		Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-17-18					
Laboratory ID:	10-062-16					
Dichlorodifluoromethane	ND	0.0020	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.011	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	

Date of Report: October 12, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-062

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Analyta	Result	PQL	Method	Date	Date	Elogo
Analyte Client ID:	FL363-B6-17-18	PQL	Wethou	Prepared	Analyzed	Flags
Laboratory ID:	10-062-16	0.0044	EDA 00000	40.047	40.0.47	
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
n,p-Xylene	ND	0.0023	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.0056	EPA 8260C	10-9-17	10-9-17	
sopropylbenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
ert-Butylbenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.0011	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane		0.0056	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND ND	0.0030	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND ND	0.0011	EPA 8260C	10-9-17	10-9-17	
	ND ND	0.0036	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND ND			10-9-17		
1,2,3-Trichlorobenzene		0.0011	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	119	73-134				
Toluene-d8	121	81-124				
4-Bromofluorobenzene	123	80-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B7-6-7					
Laboratory ID:	10-062-19					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Acetone	0.091	0.0052	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.010	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Butanone	0.0072	0.0052	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	

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Analyte				Date	Date	
	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B7-6-7					
Laboratory ID:	10-062-19					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	0.0016	0.0010	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	0.011	0.0021	EPA 8260C	10-9-17	10-9-17	
o-Xylene	0.0025	0.0010	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	0.0013	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	0.0017	0.0010	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	0.0041	0.0010	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.0052	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	73-134				
Toluene-d8	114	81-124				

4-Bromofluorobenzene

80-131

115

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Analyte		PQL		Date	Date	
	Result		Method	Prepared	Analyzed	Flags
Client ID:	FL363-B7-10-11					
Laboratory ID:	10-062-20					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Acetone	0.047	0.0039	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.0079	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
2-Butanone	0.0043	0.0039	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Benzene	0.00089	0.00079	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	

Date of Report: October 12, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-062

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Analyta	Result	PQL	Method	Date Prepared	Date Analyzed	Flage
Analyte Client ID:	FL363-B7-10-11	PQL	Wethou	Frepareu	Anaryzeu	Flags
Laboratory ID:	10-062-20	0.00070	EDA 00000	10.0.17	10.0.17	
1,1,2-Trichloroethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	0.0013	0.00079	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	0.0059	0.0016	EPA 8260C	10-9-17	10-9-17	
o-Xylene	0.0018	0.00079	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	0.0012	0.00079	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	0.0020	0.00079	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane		0.00079	EPA 8260C	10-9-17	10-9-17	
	ND ND	0.0039	EPA 8260C EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene						
Hexachlorobutadiene	ND	0.0039	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	0.00079	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND D 1.D	0.00079	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	73-134				
Toluene-d8	107	81-124				
4-Bromofluorobenzene	107	80-131				

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		PQL		Date	Date	
Analyte	Result		Method	Prepared	Analyzed	Flags
Client ID:	FL363-B7-17-18					
Laboratory ID:	10-062-21					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.010	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	

Date of Report: October 12, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-062

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Analyta	Result	PQL	Method	Date	Date	Elogo
Analyte Client ID:	FL363-B7-17-18	PQL	Wethod	Prepared	Analyzed	Flags
Laboratory ID:	10-062-21	0.0040	EDA 00000	10.0.17	40.0.47	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.0051	EPA 8260C	10-9-17	10-9-17	
sopropylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1-Chlorotoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
ert-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane		0.0051	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.0031	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND ND	0.0031	EPA 8260C	10-9-17	10-9-17	
•	ND ND			10-9-17		
1,2,3-Trichlorobenzene		0.0010	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	73-134				
Toluene-d8	121	81-124				
4-Bromofluorobenzene	122	80-131				

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-7-8					
Laboratory ID:	10-062-03					
Naphthalene	0.065	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	0.016	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	0.010	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	0.015	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	0.010	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0092	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits	_			
2-Fluorobiphenyl	63	32 - 122				
Pyrene-d10	58	33 - 125				
Terphenyl-d14	63	36 - 118				

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PAHs EPA 8270D/SIM

0 0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-11-12					
Laboratory ID:	10-062-04					
Naphthalene	0.79	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	1.1	0.039	EPA 8270D/SIM	10-6-17	10-9-17	
1-Methylnaphthalene	0.51	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	0.0084	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	0.011	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0078	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	62	32 - 122				
Pyrene-d10	63	33 - 125				
Terphenyl-d14	69	36 - 118				

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PAHs EPA 8270D/SIM

0 0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-12-13					
Laboratory ID:	10-062-05					
Naphthalene	1.1	0.037	EPA 8270D/SIM	10-6-17	10-9-17	
2-Methylnaphthalene	0.81	0.037	EPA 8270D/SIM	10-6-17	10-9-17	
1-Methylnaphthalene	0.45	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	70	32 - 122				
Pyrene-d10	70	33 - 125				
Terphenyl-d14	79	36 - 118				
i erprienyi-a 14	79	30 - 118				

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FL363-B4-17-18					1 111 9 2
Laboratory ID:	10-062-06					
Naphthalene	0.033	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	0.022	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	0.012	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0082	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	65	32 - 122				
Pyrene-d10	64	33 - 125				
Ternhenyl-d14	66	36 - 118				

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PAHs EPA 8270D/SIM

3 3				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-5.5-6.5					
Laboratory ID:	10-062-09					
Naphthalene	0.029	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	66	32 - 122				
Pyrene-d10	71	33 - 125				
Terphenyl-d14	71	36 - 118				

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PAHs EPA 8270D/SIM

0 0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-11.5-12.5					
Laboratory ID:	10-062-10					
Naphthalene	1.3	0.040	EPA 8270D/SIM	10-6-17	10-9-17	
2-Methylnaphthalene	1.0	0.040	EPA 8270D/SIM	10-6-17	10-9-17	
1-Methylnaphthalene	0.55	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0080	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	72	32 - 122				
Pyrene-d10	69	33 - 125				
Terphenyl-d14	77	36 - 118				

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PAHs EPA 8270D/SIM

0 0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-17-18					
Laboratory ID:	10-062-11					
Naphthalene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	79	32 - 122				
Pyrene-d10	82	33 - 125				
Terphenyl-d14	93	36 - 118				

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PAHs EPA 8270D/SIM

5 0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-6-7					
Laboratory ID:	10-062-14					
Naphthalene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0073	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	73	32 - 122				
Pyrene-d10	77	33 - 125				
Terphenyl-d14	90	36 - 118				

Project: 4082-039-01

PAHs EPA 8270D/SIM

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-11-12					
Laboratory ID:	10-062-15					
Naphthalene	0.0099	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	66	32 - 122				
Pyrene-d10	69	33 - 125				
Terphenyl-d14	83	36 - 118				

Project: 4082-039-01

PAHs EPA 8270D/SIM

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-17-18					
Laboratory ID:	10-062-16					
Naphthalene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	73	32 - 122				
Pyrene-d10	75	33 - 125				
Terphenyl-d14	84	36 - 118				

Project: 4082-039-01

PAHs EPA 8270D/SIM

omis. mg/rtg				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B7-6-7					
Laboratory ID:	10-062-19					
Naphthalene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0074	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	68	32 - 122				
Pyrene-d10	76	33 - 125				
Terphenyl-d14	88	36 - 118				

Project: 4082-039-01

PAHs EPA 8270D/SIM

Matrix: Soil Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FL363-B7-10-11				- ·····y — - ·	90
Laboratory ID:	10-062-20					
Naphthalene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0077	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	62	32 - 122				
Pyrene-d10	64	33 - 125				
Ternhenyl-d14	74	36 - 118				

Project: 4082-039-01

PAHs EPA 8270D/SIM

Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B7-17-18					
Laboratory ID:	10-062-21					
Naphthalene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0075	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	69	32 - 122				
Pyrene-d10	72	33 - 125				
Terphenyl-d14	83	36 - 118				

Project: 4082-039-01

TOTAL METALS EPA 6010C

Matrix: Soil

Offics.	під/ку (ррпі)			Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	10-062-01					
Client ID:	FL363-B4-0-0.5					
Arsenic	ND	5.3	6010C	10-11-17	10-11-17	
Lead	ND	5.3	6010C	10-11-17	10-11-17	
Lab ID: Client ID:	10-062-02 FL363-B4-0.5-1					
Arsenic	ND	5.5	6010C	10-11-17	10-11-17	
Lead	ND	5.5	6010C	10-11-17	10-11-17	
Lab ID:	10-062-03					
Client ID:	FL363-B4-7-8					
Lead	31	6.9	6010C	10-11-17	10-11-17	
Lab ID: Client ID:	10-062-04 FL363-B4-11-12					
Lead	ND	5.8	6010C	10-11-17	10-11-17	
Lab ID: Client ID:	10-062-05 FL363-B4-12-13					
Lead	ND	5.6	6010C	10-11-17	10-11-17	
Lab ID: Client ID:	10-062-06 FL363-B4-17-18					
Lead	ND	6.2	6010C	10-11-17	10-11-17	

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TOTAL METALS EPA 6010C

Matrix: Soil

Units:	mg/kg (ppm)					
				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	10-062-07					
Client ID:	FL363-B5-0-0.5					
Arsenic	ND	5.3	6010C	10-11-17	10-11-17	
Lead	ND	5.3	6010C	10-11-17	10-11-17	
Lab ID:	10-062-08					
Client ID:	FL363-B5-0.5-1					
Arsenic	ND	5.6	6010C	10-11-17	10-11-17	
Lead	ND	5.6	6010C	10-11-17	10-11-17	
Lab ID:	10-062-09					
Client ID:	FL363-B5-5.5-6.5					
Lead	ND	5.5	6010C	10-11-17	10-11-17	
Lab ID:	10-062-10					
Client ID:	FL363-B5-11.5-12.5					
Lead	ND	6.0	6010C	10-11-17	10-11-17	
Lab ID:	10-062-11					
Client ID:	FL363-B5-17-18					
Lead	ND	5.4	6010C	10-11-17	10-11-17	
Lab ID:	10-062-14					
Client ID:	FL363-B6-6-7					
Lead	ND	5.5	6010C	10-11-17	10-11-17	

Project: 4082-039-01

TOTAL METALS EPA 6010C

Matrix: Soil

	0 0 11 7					
				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	10-062-15					
Client ID:	FL363-B6-11-12					
Lead	23	7.2	6010C	10-11-17	10-11-17	
Lab ID:	10-062-16					
Client ID:	FL363-B6-17-18					
Lead	ND	5.7	6010C	10-11-17	10-11-17	
Lab ID:	10-062-17					
Client ID:	FL363-B7-0-0.5					
Arsenic	ND	5.6	6010C	10-11-17	10-11-17	
Lead	ND	5.6	6010C	10-11-17	10-11-17	

Project: 4082-039-01

TOTAL METALS EPA 6010C

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	10-062-18					
Client ID:	FL363-B7-0.5-1					
Arsenic	ND	5.6	6010C	10-11-17	10-11-17	
Lead	ND	5.6	6010C	10-11-17	10-11-17	
Lab ID:	10-062-19					
Client ID:	FL363-B7-6-7					
Lead	ND	5.6	6010C	10-11-17	10-11-17	
Lab ID:	10-062-20					
Client ID:	FL363-B7-10-11					
Lead	ND	5.8	6010C	10-11-17	10-11-17	
Lab ID:	10-062-21					
Client ID:	FL363-B7-17-18					
Lead	ND	5.7	6010C	10-11-17	10-11-17	

Project: 4082-039-01

NWTPH-Gx QUALITY CONTROL

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1009S1					
Gasoline	ND	5.0	NWTPH-Gx	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	90	63-124				
Laboratory ID:	MB1009S2					
Gasoline	ND	5.0	NWTPH-Gx	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	90	63-124				

					Source	Perd	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	10-09	91-01									
	ORIG	DUP									
Gasoline	17.9	18.8	NA	NA		N	A	NA	5	30	
Surrogate:											
Fluorobenzene						93	93	63-12 <i>4</i>			
Laboratory ID:	10-09	91-02									
	ORIG	DUP									
Gasoline	21.8	24.3	NA	NA		N	A	NA	11	30	
Surrogate:											
Fluorobenzene						96	96	63-124			

Project: 4082-039-01

NWTPH-Dx QUALITY CONTROL

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1006S3					
Diesel Range Organics	ND	25	NWTPH-Dx	10-6-17	10-9-17	
Lube Oil Range Organics	ND	50	NWTPH-Dx	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	57	50-150				

					Source	Perd		Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	10-06	62-05									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		N.	A	NA	NA	NA	U1, M1
Lube Oil Range	ND	ND	NA	NA		N	Α	NA	NA	NA	
Surrogate:											
o-Terphenyl						75	74	50-150			
Laboratory ID:	10-06	62-11									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		N	A	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		N.	Α	NA	NA	NA	
Surrogate:											
o-Terphenyl						73	73	50-150			

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1009S1					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	0.010	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1009S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	73-134				
Toluene-d8	102	81-124				
4-Bromofluorobenzene	105	80-131				

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 1 of 2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1010S1					
Dichlorodifluoromethane	ND	0.0022	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	0.0065	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Acetone	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
lodomethane	ND	0.0069	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	0.010	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
2-Butanone	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1010S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-10-17	10-10-17	
o-Xylene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropane		0.0050	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits	,	10 10 17	10 10 17	
Dibromofluoromethane	90	73-134				
Toluene-d8	95	81-124				
4-Bromofluorobenzene	104	80-131				
+ DIGITIONIGOTODENZENE	104	00-131				

Project: 4082-039-01

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	09S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0489	0.0526	0.0500	0.0500	98	105	66-127	7	15	
Benzene	0.0543	0.0589	0.0500	0.0500	109	118	76-122	8	15	
Trichloroethene	0.0462	0.0446	0.0500	0.0500	92	89	78-120	4	15	
Toluene	0.0501	0.0520	0.0500	0.0500	100	104	83-120	4	15	
Chlorobenzene	0.0479	0.0491	0.0500	0.0500	96	98	81-120	2	15	
Surrogate:										
Dibromofluoromethane					109	101	73-134			
Toluene-d8					108	101	81-124			
4-Bromofluorobenzene					109	105	80-131			

Project: 4082-039-01

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	10S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0526	0.0526	0.0500	0.0500	105	105	66-127	0	15	
Benzene	0.0574	0.0577	0.0500	0.0500	115	115	76-122	1	15	
Trichloroethene	0.0393	0.0392	0.0500	0.0500	79	78	78-120	0	15	
Toluene	0.0536	0.0521	0.0500	0.0500	107	104	83-120	3	15	
Chlorobenzene	0.0464	0.0460	0.0500	0.0500	93	92	81-120	1	15	
Surrogate:										
Dibromofluoromethane					85	91	73-134			
Toluene-d8					95	96	81-124			
4-Bromofluorobenzene					103	103	80-131			

Project: 4082-039-01

PAHs EPA 8270D/SIM METHOD BLANK QUALITY CONTROL

Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laborata v. ID.	MD400004					
Laboratory ID:	MB1006S1					
Naphthalene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	86	32 - 122				
Pyrene-d10	87	33 - 125				
Tornhamyl d11	100	26 110				

Terphenyl-d14 102 36 - 118



Project: 4082-039-01

PAHS EPA 8270D/SIM SB/SBD QUALITY CONTROL

Matrix: Soil Units: mg/Kg

3. 3					Pe	rcent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	06S1								
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	0.0692	0.0707	0.0833	0.0833	83	85	58 - 114	2	18	
Acenaphthylene	0.0746	0.0752	0.0833	0.0833	90	90	54 - 127	1	15	
Acenaphthene	0.0733	0.0733	0.0833	0.0833	88	88	58 - 119	0	15	
Fluorene	0.0775	0.0774	0.0833	0.0833	93	93	60 - 123	0	15	
Phenanthrene	0.0749	0.0736	0.0833	0.0833	90	88	54 - 120	2	15	
Anthracene	0.0849	0.0850	0.0833	0.0833	102	102	55 - 152	0	15	
Fluoranthene	0.0794	0.0773	0.0833	0.0833	95	93	56 - 129	3	15	
Pyrene	0.0790	0.0763	0.0833	0.0833	95	92	60 - 126	3	15	
Benzo[a]anthracene	0.0806	0.0780	0.0833	0.0833	97	94	56 - 137	3	15	
Chrysene	0.0823	0.0777	0.0833	0.0833	99	93	59 - 122	6	15	
Benzo[b]fluoranthene	0.0822	0.0812	0.0833	0.0833	99	97	46 - 133	1	21	
Benzo(j,k)fluoranthene	0.0834	0.0794	0.0833	0.0833	100	95	47 - 129	5	21	
Benzo[a]pyrene	0.0830	0.0800	0.0833	0.0833	100	96	54 - 132	4	15	
Indeno(1,2,3-c,d)pyrene	0.0823	0.0803	0.0833	0.0833	99	96	54 - 129	2	15	
Dibenz[a,h]anthracene	0.0837	0.0810	0.0833	0.0833	100	97	59 - 122	3	15	
Benzo[g,h,i]perylene	0.0832	0.0804	0.0833	0.0833	100	97	57 - 125	3	16	
Surrogate:										
2-Fluorobiphenyl					86	86	32 - 122			
Pyrene-d10					89	85	33 - 125			
Terphenyl-d14					102	97	36 - 118			

Project: 4082-039-01

TOTAL METALS EPA 6010C METHOD BLANK QUALITY CONTROL

Date Extracted: 10-11-17
Date Analyzed: 10-11-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: MB1011SM1

Analyte	Method	Result	PQL
Arsenic	6010C	ND	5.0
Lead	6010C	ND	5.0

Project: 4082-039-01

TOTAL METALS EPA 6010C DUPLICATE QUALITY CONTROL

Date Extracted: 10-11-17
Date Analyzed: 10-11-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-062-14

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	5.0	
Lead	ND	ND	NA	5.0	

Project: 4082-039-01

TOTAL METALS EPA 6010C MS/MSD QUALITY CONTROL

Date Extracted: 10-11-17
Date Analyzed: 10-11-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-062-14

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	91.8	92	93.2	93	2	
Lead	250	230	92	232	93	1	

Date of Report: October 12, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-062 Project: 4082-039-01

% MOISTURE

Date Analyzed: 10-6&11-17

Client ID	Lab ID	% Moisture
FL363-B4-0-0.5	10-062-01	6
FL363-B4-0.5-1	10-062-02	8
FL363-B4-7-8	10-062-03	28
FL363-B4-11-12	10-062-04	14
FL363-B4-12-13	10-062-05	11
FL363-B4-17-18	10-062-06	19
FL363-B5-0-0.5	10-062-07	6
FL363-B5-0.5-1	10-062-08	11
FL363-B5-5.5-6.5	10-062-09	9
FL363-B5-11.5-12.5	10-062-10	17
FL363-B5-17-18	10-062-11	8
FL363-B6-6-7	10-062-14	9
FL363-B6-11-12	10-062-15	31
FL363-B6-17-18	10-062-16	13
FL363-B7-0-0.5	10-062-17	10
FL363-B7-0.5-1	10-062-18	10
FL363-B7-6-7	10-062-19	10
FL363-B7-10-11	10-062-20	14
FL363-B7-17-18	10-062-21	12



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical ______.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference





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mber of Containers TPH-HCID TPH-Gx/BTEX TPH-Dx (Acid / SG Clean-up) atiles 8260C logenated Volatiles 8260C B EPA 8011 (Waters Only) mivolatiles 8270D/SIM th low-level PAHs) Hs 8270D/SIM (low-level) Bs 8082A ganochlorine Pesticides 8081B ganophosphorus Pesticides 8270D/SIM all RCRA Metals all MTCA Metals LP Metals M (oil and grease) 1664A TOTAL PA TOTAL	Date	sled by: AAL, COC	ct Manager:	Colore TANKET Stan	ct Number: 2 Days	Dany: GEBEUGIASEES Sam	Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 (i)
WTPH-HCID WTPH-Gx/BTEX WTPH-Gx WTPH-Dx (Acid / SG Clean-up) Dolatiles 8260C alogenated Volatiles 8260C DB EPA 8011 (Waters Only) emivolatiles 8270D/SIM vith low-level PAHs) AHs 8270D/SIM (low-level) CBs 8082A rganochlorine Pesticides 8081B rganophosphorus Pesticides 8270D/SIM hlorinated Acid Herbicides 8151A otal RCRA Metals ctal MTCA Metals EM (oil and grease) 1664A TOTAL PB TOTAL PB TOTAL PB HOLD	Time		11	ays)			(Check One)	n working days)
Organochlorine Pesticides 8081B Organophosphorus Pesticides 8270D/SIM Ordanophosphorus Pesticides 8270D/SIM Ordanophosphorus Pesticides 8151A Ordanophosphorus Pesticides 8151A Ordanophosphorus Pesticides 8151A Ordanophosphorus Pesticides 8170D/SIM Ordanophosphorus Pesticides 8270D/SIM Ordanophosph	IWTP IWTP IWTP Iolatil Ialogo EDB E Semiv	PH-Gx/EPH-Gx PH-Dx (PH-Dx (PH-	Acid OC Volatiles 1 (Wate 8270D/bl PAHs)	s 82600 ers Only /SIM)			Laboratory Number:
	CBs CBs rgan rgan hlori botal F CLP EM (8270D/ 8082A iochlori ophosp nated A RCRA M MTCA M Metals (oil and	re Pesti chorus F Acid Her Metals Metals grease)	v-level) icides 8 Pesticid bicides	081B es 8270 8151A	D/SIM		0-062
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F1363-B5-11.5-12.5

Company

61

Date | 12/5/12|

0830

Comments/Special Instructions

10-5-17

8:30 PM

As - 7.0 PPM

10-5-17 10-30 AM 10/5/11/1030

Data Package: Standard

Level III

Level IV

Chromatograms with final report

Electronic Data Deliverables (EDDs)

1030

5

X

X

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×

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1225

F1363-85-5.5-65

F1363-85-85-1

FL363-85- 0-0.5

F1363-84-12-13

F1363-84-11-12

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Sample Identification

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Chain of Custody

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Reviewed/Date	Received	Relinquished	Received	Relinquished Wave Man	Received Nace Well	Relinquished falls	Signature	20 F1363-87-10-11	19 1263-87-6-7	18 F1363-B7-05-1	1) F1363-B7-0-0.5	16 12503-80-17-18	15 51-363-36-11-12	14 5363-86-6-7	13 123-86-05-1	12 81363-86-5-05	11 F1363 BS 17-18	Lab ID Sample Identification	Sampled by: PSP 1256	Sourd Project Manager:	4082-039-01	Company: (E)	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com
			И	2	A	*	0	6								-	41/4/3	Date Sampled	M.5	Stan	2 Days	Sam	Tu ()
Reviewed/Date			0	ALPHA	ALPHA	SA	Company	1355	1350	1342	1340	1200	1150	2411	4511	1135	12/2	Time Sampled	(other)	Standard (7 Days) (TPH analysis 5 Days)		Same Day	(Check One)
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	ard Level III						tructions											Total F	nated Acid RCRA Meta MTCA Meta		s 8151A		
Electronic Data Deliverables (EDDs)	☐ Level IV ☐																	HEM (ase) 1664A			
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Chain of Custody

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cial Instructions	Signature Company Date Time Comments/Special Instructions A Constant ALPHA 10-5-17 10:30 m. Occar Martin ALPHA 10-5-17 10:30 m. Occar Martin ALPHA 10-5-17 10:30 m. Occar Martin ALPHA 10-5-17 10:30 m.	Signature Company Date Time Comments/Special Instructions Approx African Arghan 10-5-17 2-30-20 Approx Natural Arghan 10-5-17 2-30-20 Approx Natural Arghan 10-5-17 10:30 m. Approx Standard 10-5-19 10:30 m.	Sumple Republication NVTPH-GxxBTEX NVTPH-GxBTEX NVTPH-GxxBTEX NVTPH-GxxB	Sample Company Compa	Summarian Check Cons. Ch	s with final r		Reviewed/Date	Reviewed/Date
Signature Company Date Time Market Market 105-17 10:30 m. Over Natural ALPHA 105-17 10:30 m. Out of the Control of the Cont	Signature Signature Lace of the Company Date Time Market Hatta Date Time Market Hatta Date Time Date Time Date Date Time Date D	Signature Company Date Time The Company Date Time (Ovare Nyalth Alpha 10517 8:30 m. (Ovare Nyalth Alpha 10517 10:30 m. (Ostro) 10:30 m.	All	Sample S	Sample Identification	Data Package: Standard ☐ Leve			Received
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			Manager: Manager: Physics	Number of Containers	Charles Company Check One	Comments/Special Instructions		Company	Signature
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			Red by: Manager: Manager	Red by: Number of Containers	Annual Manner of Containers NWTPH-Dx (Acid / SG Clean-up) Volatiles 8260C Halogenated Volatiles 8250C/SIM (low-level) PCBs 8082A Organophosphorus Pesticides 8270D/SIM (Chlorinated Acid Herbicides 8151A				
			Red by: War of Containers NWTPH-HCID NWTPH-Gx NWTPH-Dx (\(\text{Acid}\) 7 SG Clean-up. Volatiles 8260C EDB EPA 8011 (Waters Only) Semivolatiles 8270D/SIM ((with low-level) PAHs 8270D/SIM ((owt-level) PCBs 8082A Organophosphorus Pesticides 8270 Chlorinated Acid Herbicides 8151A	ad by: Sample Sa	Baby: PRE CTE Same Day 1 D				
			Sample Sampled Sampl	any (Number of Containers NWTPH-HCID NWTPH-GX NWTPH-DX (Acid / SG Clean-up) Volatiles 8260C EDB EPA 8011 (Waters Only) Semivolatiles 8270D/SIM (with low-level PAHs) PAHs 8270D/SIM (low-level) PCBs 8082A Organophosphorus Pesticides 8270D/SIM Chlorinated Acid Herbicides 8151A	Phone: (425) 883-3881 * www.onsite-env.com Check One				
			Sample Identification Standard (7 Days) (TPH analysis 5 Days) Number of Containers NWTPH-HCID NWTPH-Gx/BTEX NWTPH-Gx NWTPH-Gx NWTPH-Dx (Sample Identification Sampled	Phone: (425) 883-3881 · www.onsite-env.com Check One	×	メメメ	4/12 1400 S	-B7-17-18
-B7-17-18 14/00 5 5 XXX	-B7-17-18 14/2 5 5 XXX	-B7-17-18 19/4/17 14/20 S S XXX	CRA Metals	Same Day Same Day Standard (7 Days) Prof Containers H-HCID H-Gx/BTEX H-Dx (Acid / SG Clean-up) Bas 8260C Bas 826	Phone: (425) 883-3881 · www.onsite-env.com Check One	Semive (with lot PAHs & PCBs Organo Organo Chlorir Total F	NWTP NWTP NWTP	Time Sampled Matrix	
PL363-487-17-18 Townsled Sampled Matrix Numb NWTP NWTP NWTP NWTP X Volatile EDB E Semivi (with 1c) PAHs 8 Organo Chlorin	PL363-B7-17-18 That I was a sample identification Sampled Sampled Matrix Number NWTP Chloring Chloring Chloring	PAHS & Organo Chlorin	Standard (7 Days) (ITPH analysis 5 Days) Ontainers TEX Acid / SG Clean-up) C Volatiles 8260C 1 (Waters Only) 8270D/SIM PAHs) SIM (low-level) de Pesticides 8081B florus Pesticides 8270 cid Herbicides 8151A etals	Same Day 1 Day Same Day 1 Day Same Day 1 Day Same Day	Phone: (425) 883-3881 · www.onsite-env.com Check One	platiles pow-leve 8270D/S 8082A pochlorin pphospi nated Ar	H-Gx/B H-Gx H-Dx ([es 8260	(other)	PAP, CJ
PAGE Semple Identification Sample Identification Sample Identification Sample Identification Sample Identification Sampled Sampled Matrix Number of C NWTPH-HCIC NWTPH-GX/E X Volatiles 8260 X Volatiles 8260 X Halogenated V EDB EPA 801 Semivolatiles (with low-leve X PAHs 8270D/S) PCBs 8082A Organophosp Chlorinated A	Sample Identification Sampled Sampled Matrix Number of C NWTPH-HCIE NWTPH-GX/E X NWTPH-DX ([Y Volatiles 8260 Halogenated V EDB EPA 801 Semivolatiles (with low-leve) X PCBs 8082A Organophosp Chlorinated A	Number of C NWTPH-HCIL NWTPH-GX/E NWTPH-GX/E NWTPH-GX/E NWTPH-BX NWTPH-GX/E Chlorinated A	2 Days 3 Days Standard (7 Days) IETS (IPH analysis 5 Days) Texas Physic II (1948) (IPH analysis 5 Days) Texas B260C Terrs Only)	mber: Same Day	Phone: (425) 883-3881 • www.onsite-env.com (Check One) Same Day	8270E I PAHs SIM (Ico ne Pes horus cid He	Acid	からからか	t.
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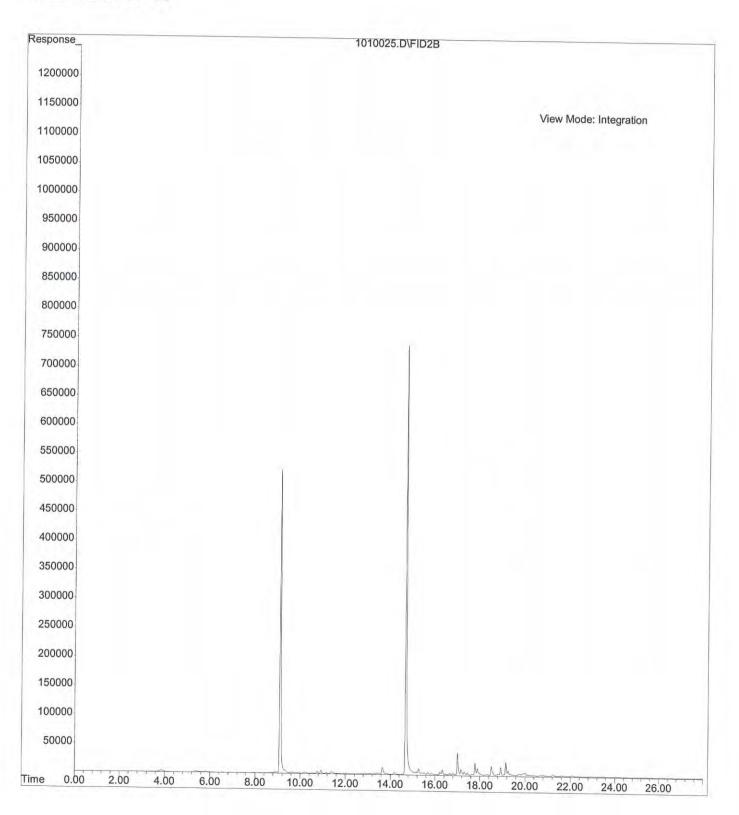
: X:\BTEX\HOPE\DATA\H171010\1010025.D File

Operator :

Acquired : 11 Oct 2017 2:16

using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-03s



File : X:\BTEX\DARYL\DATA\D171011\1011017.D

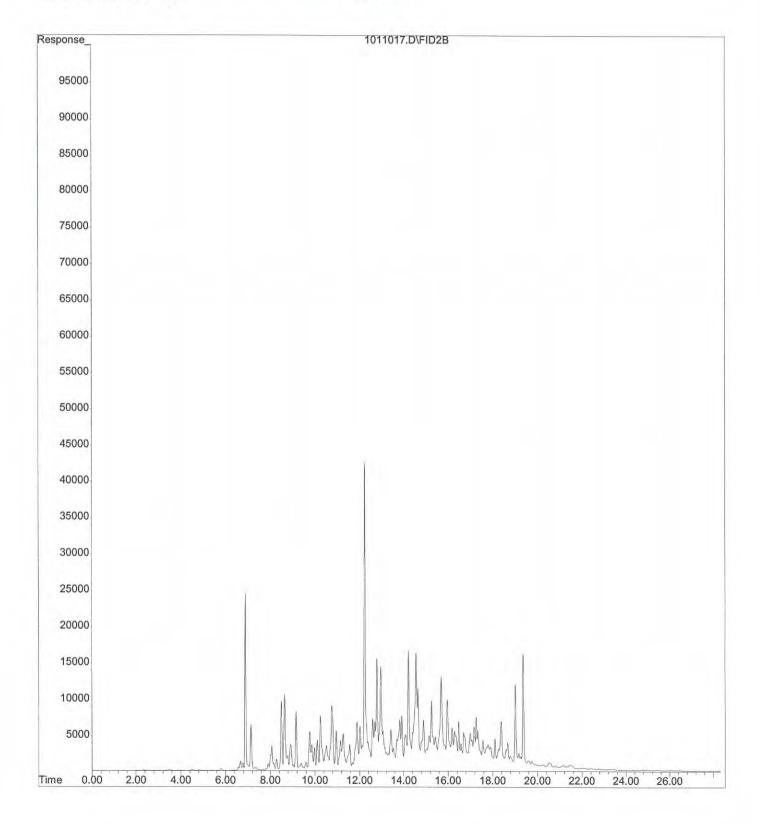
Operator

Acquired : 11 Oct 2017 21:00 using AcqMethod 170826B3.M

Instrument : Daryl

Sample Name: 10-062-04s rr 1:100 Misc Info : V2-46-16, V2-45-12

Misc Info : V2-46-16, V2-45-12 57 Vial Number: 16



File : X:\BTEX\DARYL\DATA\D171010\1010031.D

Operator

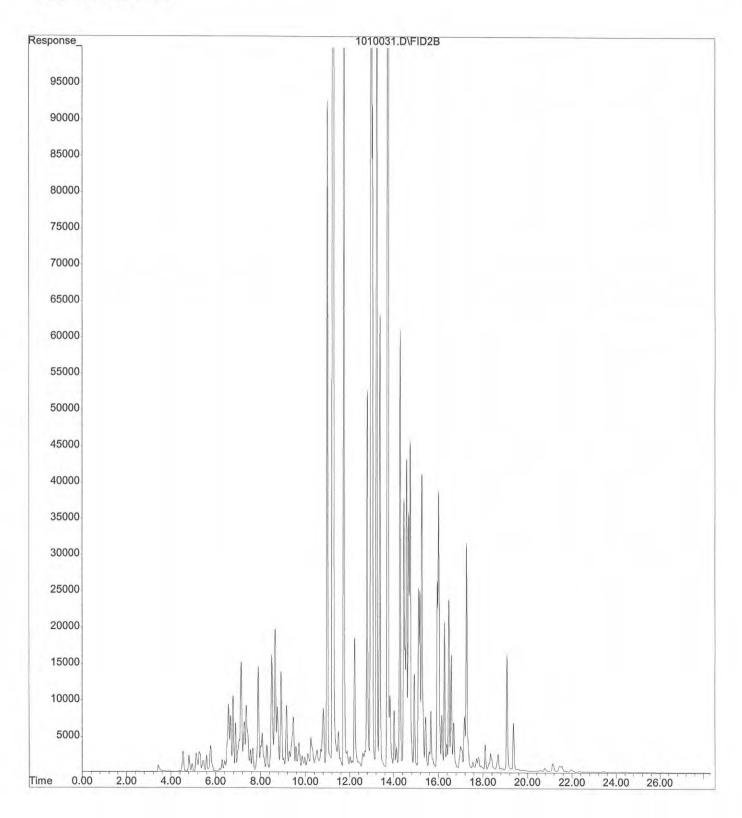
Acquired : 11 Oct 2017 6:28 using AcqMethod 170826B3.M

Instrument : Daryl

Sample Name: 10-062-05s 1:500

Misc Info :

Vial Number: 30



File : X:\BTEX\HOPE\DATA\H171010\1010035.D

Operator

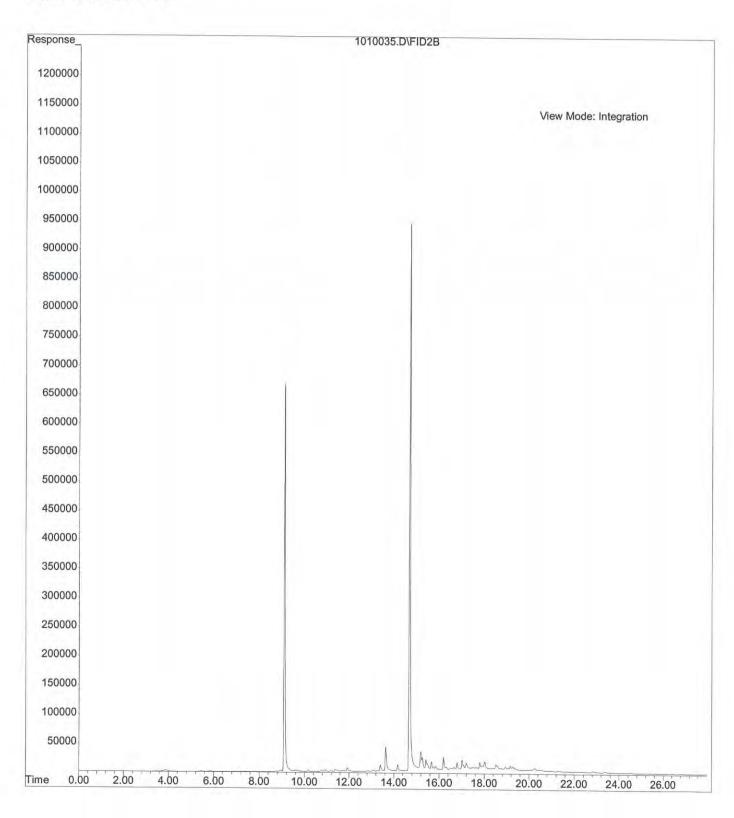
:

Acquired : 11 Oct 2017 7:59 using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-06s

Misc Info :

Vial Number: 35

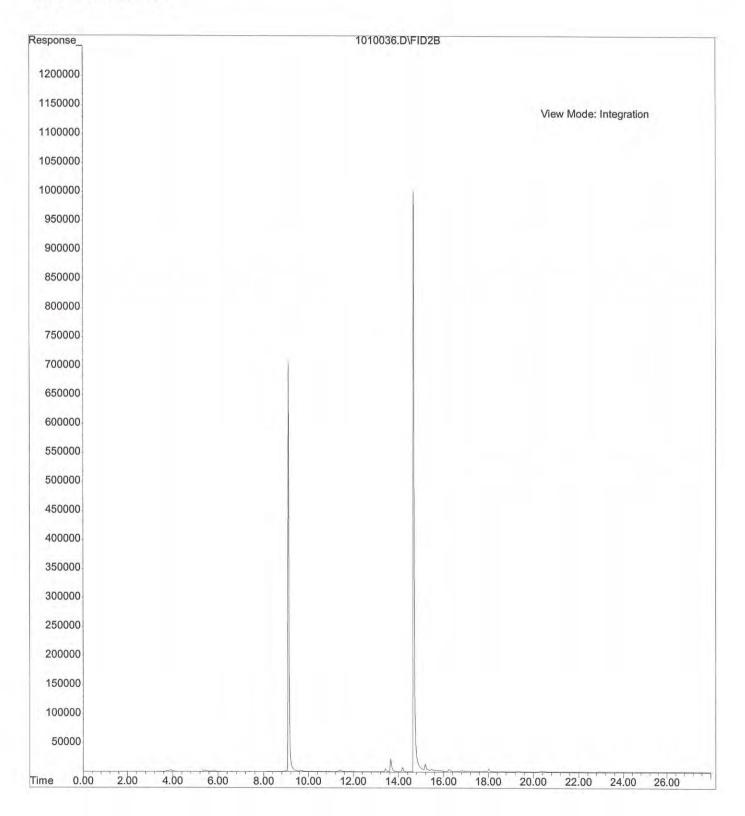


File : X:\BTEX\HOPE\DATA\H171010\1010036.D

Operator

Acquired : 11 Oct 2017 8:33 using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-09s



File : X:\BTEX\DARYL\DATA\D171010\1010030.D

Operator

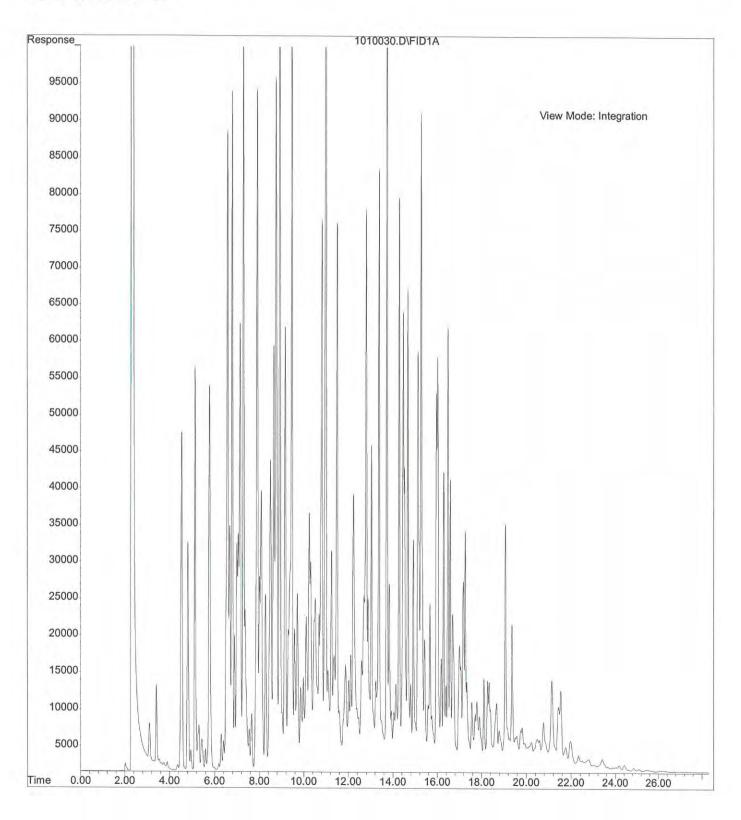
Acquired : 11 Oct 2017 5:55 using AcqMethod 170826B3.M

Instrument : Daryl

Sample Name: 10-062-10s 1:250

Misc Info :

Vial Number: 29

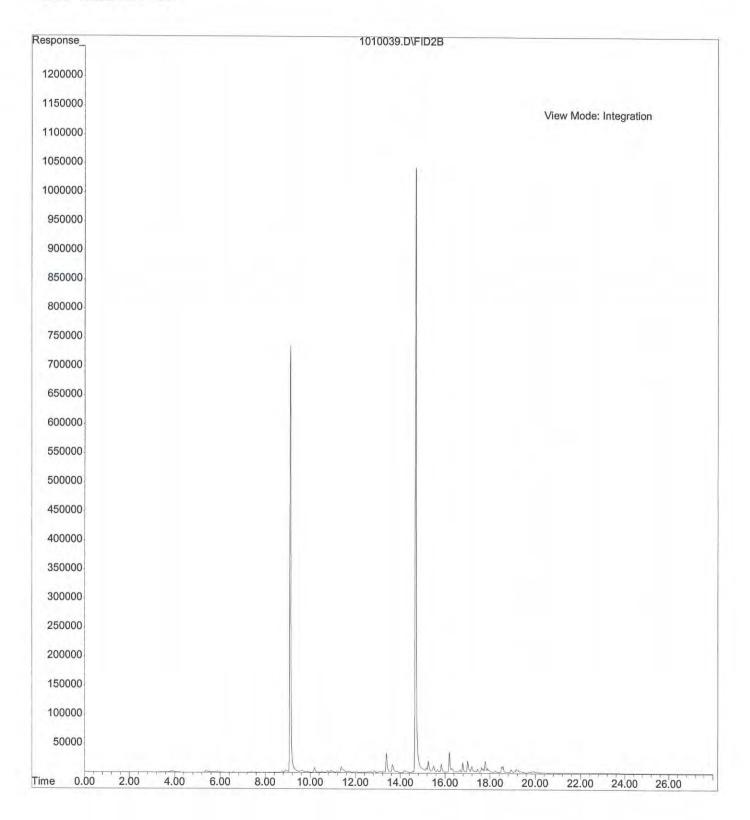


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Operator

Acquired : 11 Oct 2017 10:17 using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-11s

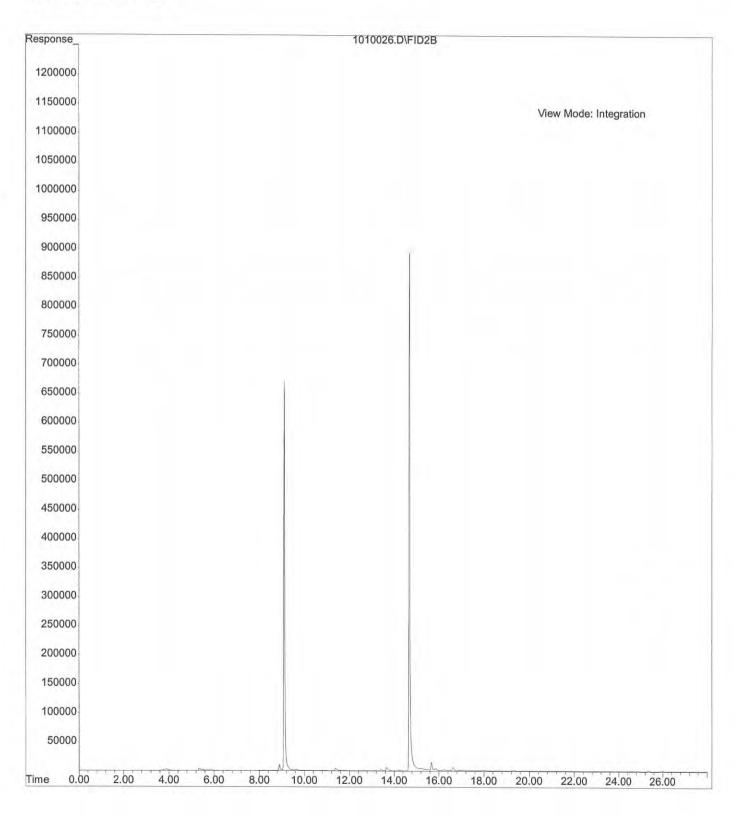


File : X:\BTEX\HOPE\DATA\H171010\1010026.D

Operator

Acquired : 11 Oct 2017 2:50 using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-14s

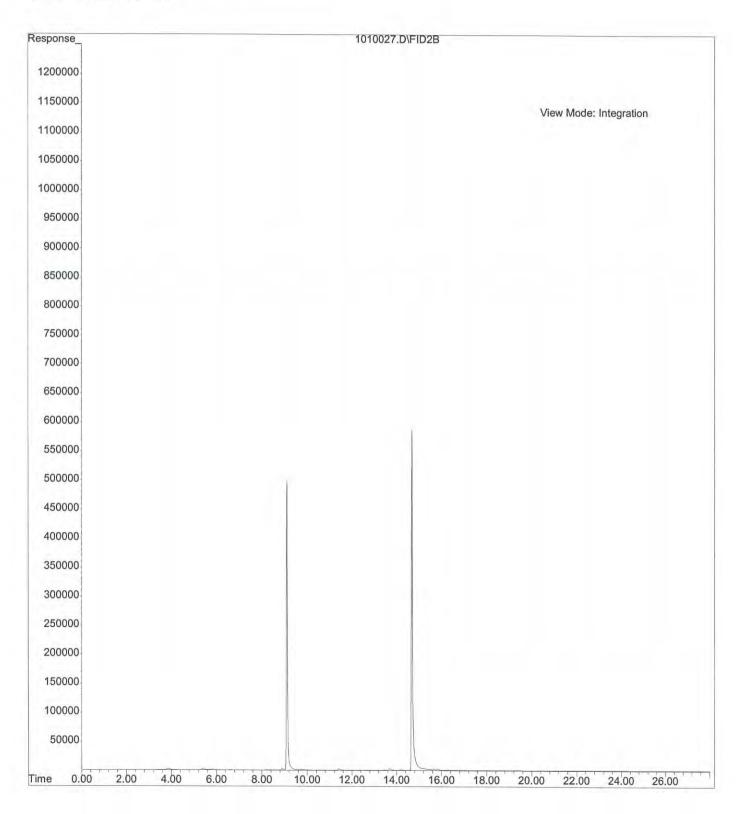


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Operator

Acquired : 11 Oct 2017 3:24 using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-15s

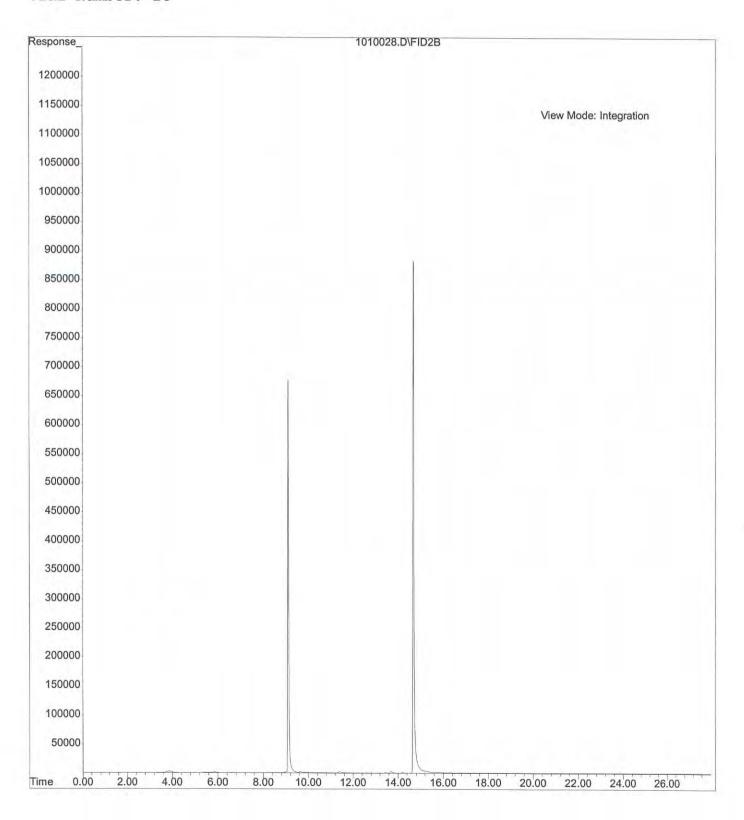


File : X:\BTEX\HOPE\DATA\H171010\1010028.D

Operator :

Acquired : 11 Oct 2017 3:58 using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-16s



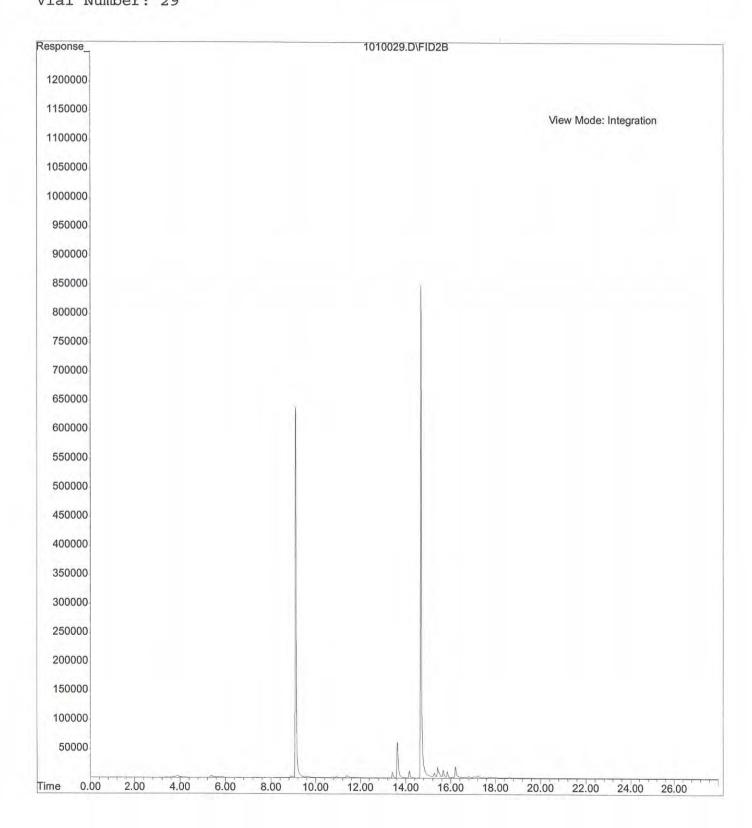
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Operator

Acquired : 11 Oct 2017 4:33

using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-19s

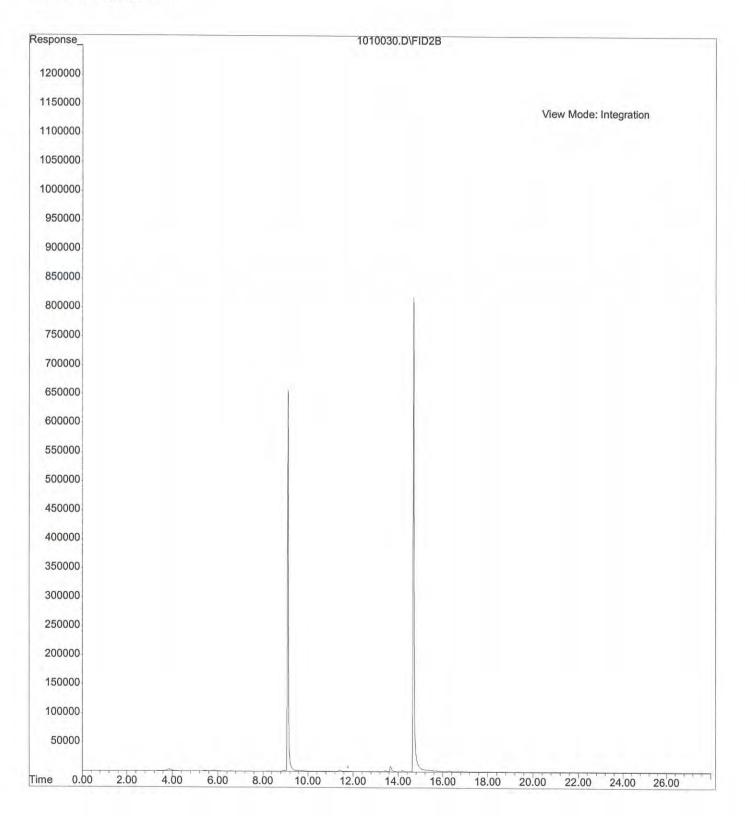


File : X:\BTEX\HOPE\DATA\H171010\1010030.D

Operator

Acquired : 11 Oct 2017 5:07 using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-20s

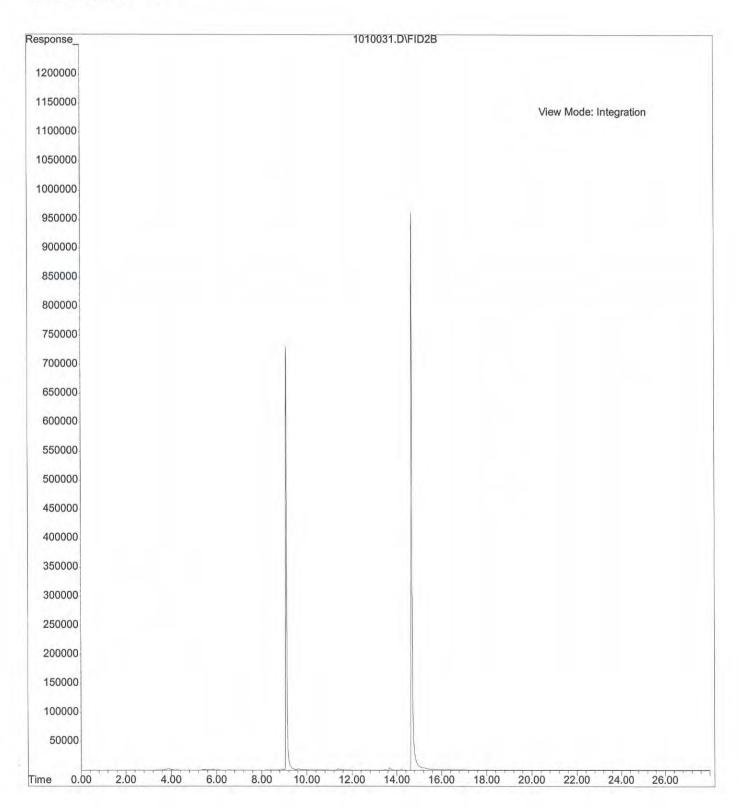


File : X:\BTEX\HOPE\DATA\H171010\1010031.D

Operator

Acquired : 11 Oct 2017 5:41 using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-062-21s

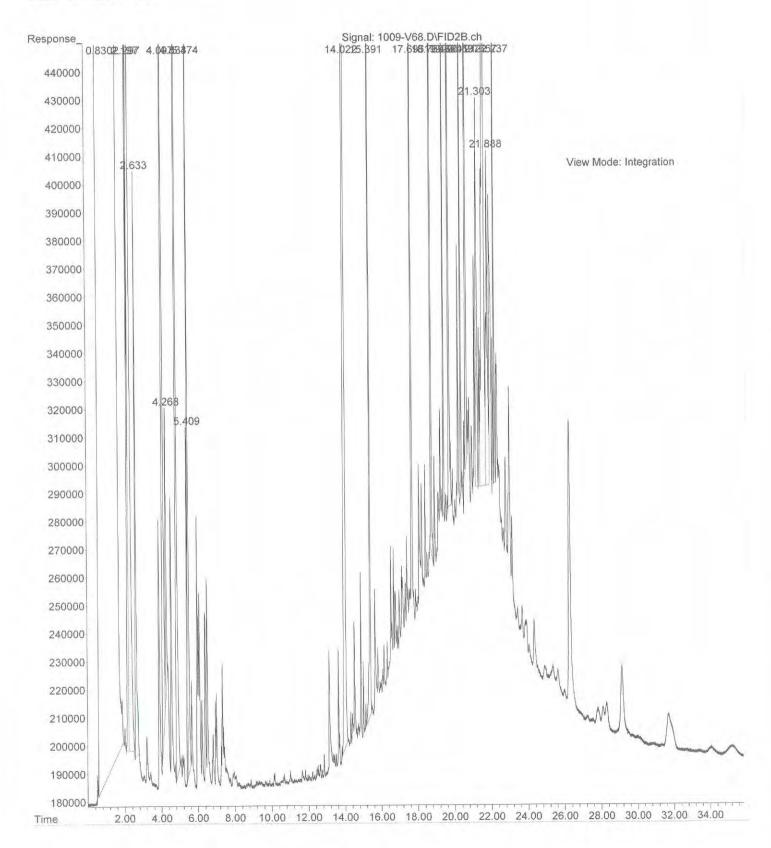


File :C:\msdchem\2\data\V171009.SEC\1009-V68.D

Operator

Acquired : 9 Oct 2017 21:35 using AcqMethod V171004F.M

Instrument: Vigo Sample Name: 10-062-03

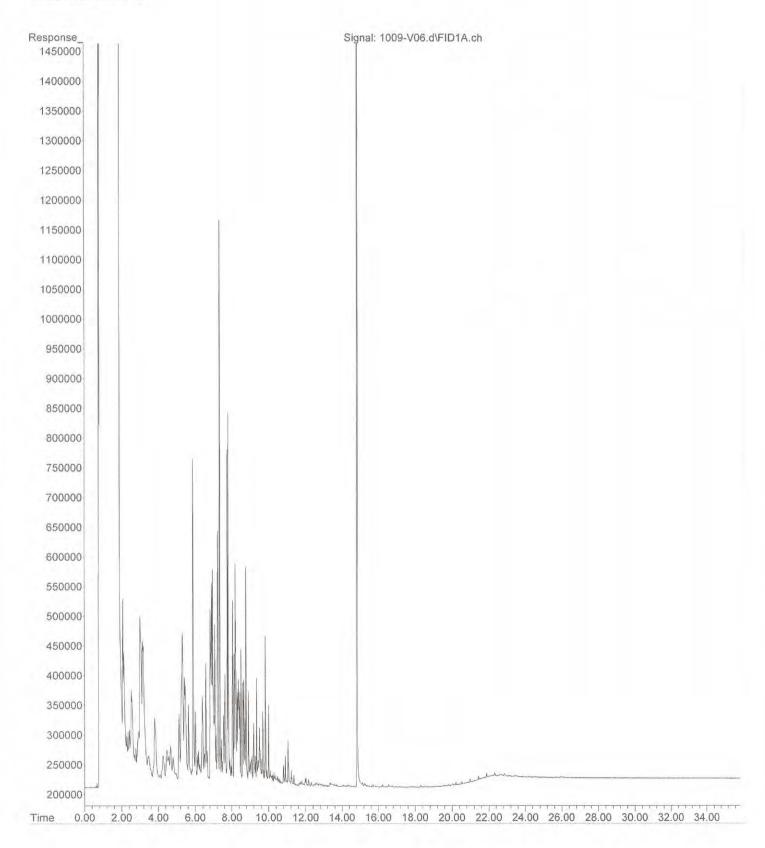


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Operator :

Acquired : 9 Oct 2017 13:29 using AcqMethod V171004F.M

Instrument: Vigo Sample Name: 10-062-04

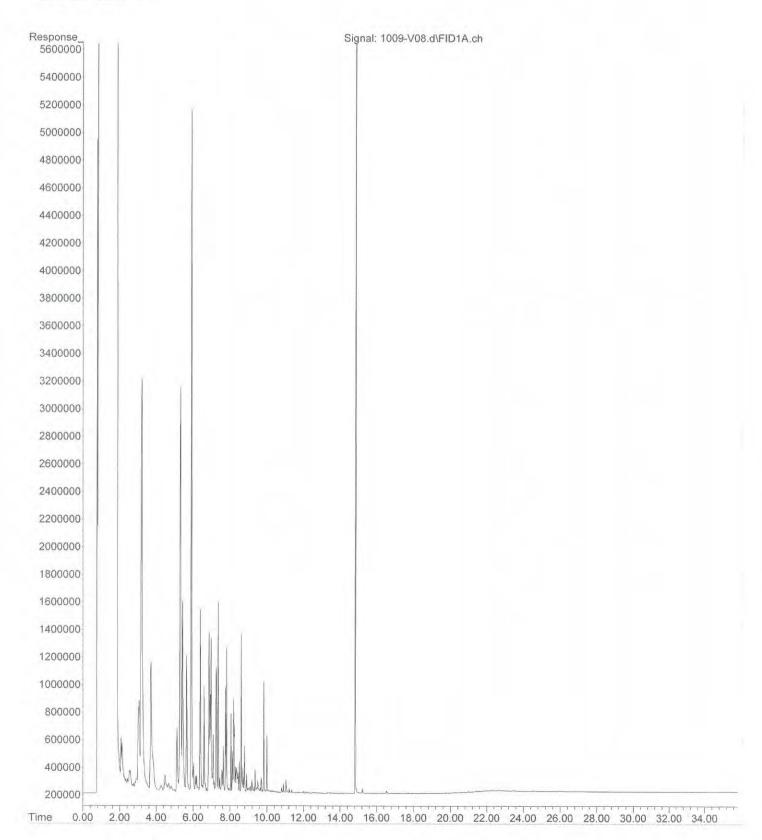


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Operator :

Acquired : 9 Oct 2017 14:56 using AcqMethod V171004F.M

Instrument : Vigo

Sample Name: 10-062-05 Dep

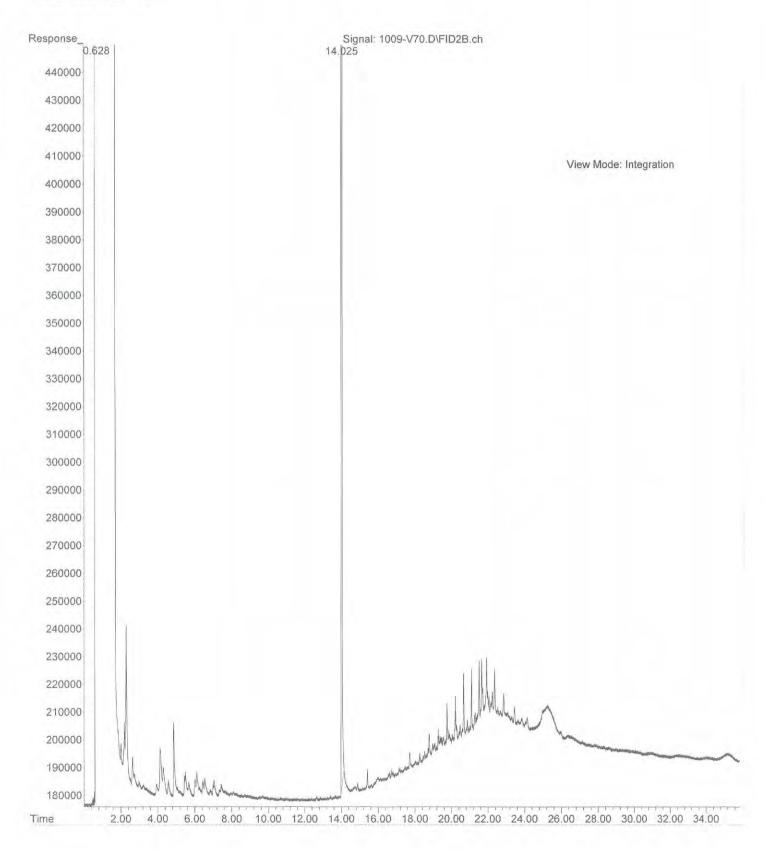


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Operator

Acquired : 9 Oct 2017 22:55 using AcqMethod V171004F.M

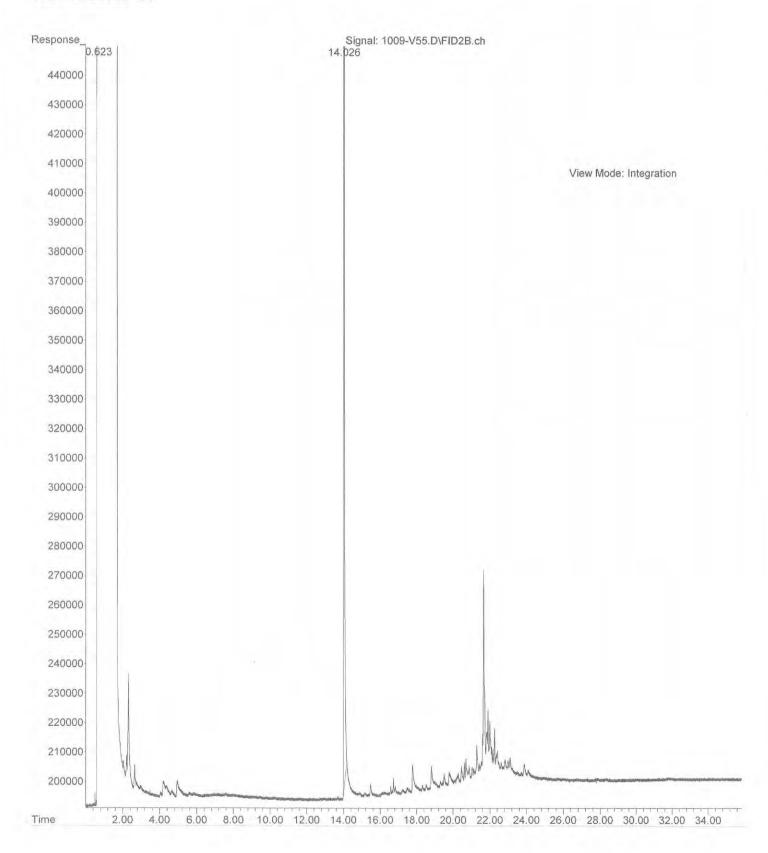
Instrument : Vigo Sample Name: 10-062-06



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Operator :

Acquired : 9 Oct 2017 12:49 using AcqMethod V171004F.M

Instrument : Vigo Sample Name: 10-062-09

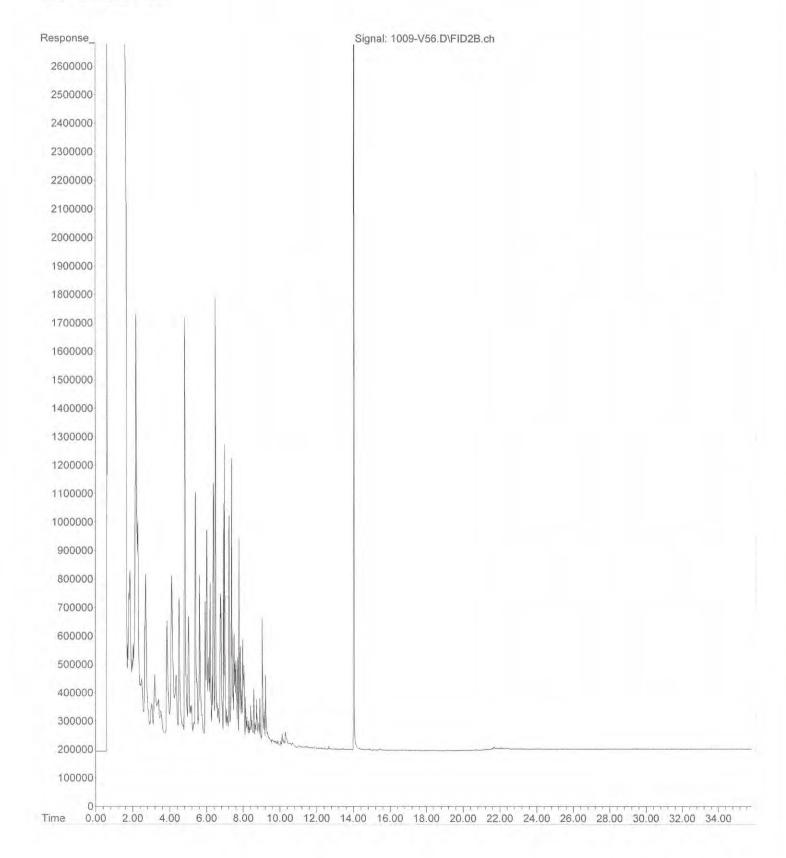


File :C:\msdchem\2\data\V171009.SEC\1009-V56.D

Operator

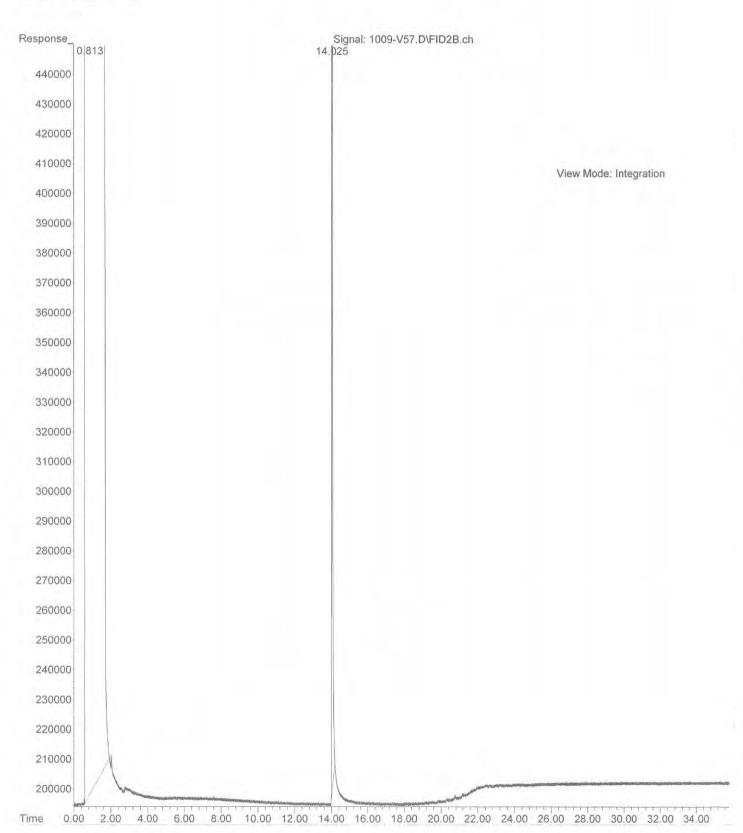
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Instrument : Vigo Sample Name: 10-062-10



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Operator :
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Instrument : Vigo Sample Name: 10-062-11

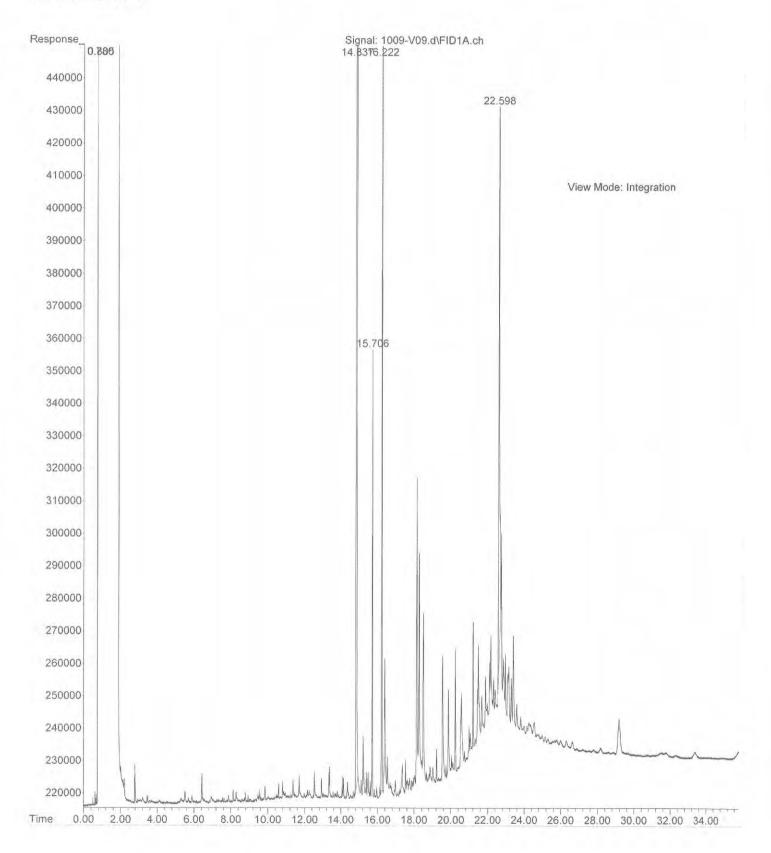


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Operator :

Acquired : 9 Oct 2017 15:36 using AcqMethod V171004F.M

Instrument: Vigo Sample Name: 10-062-14

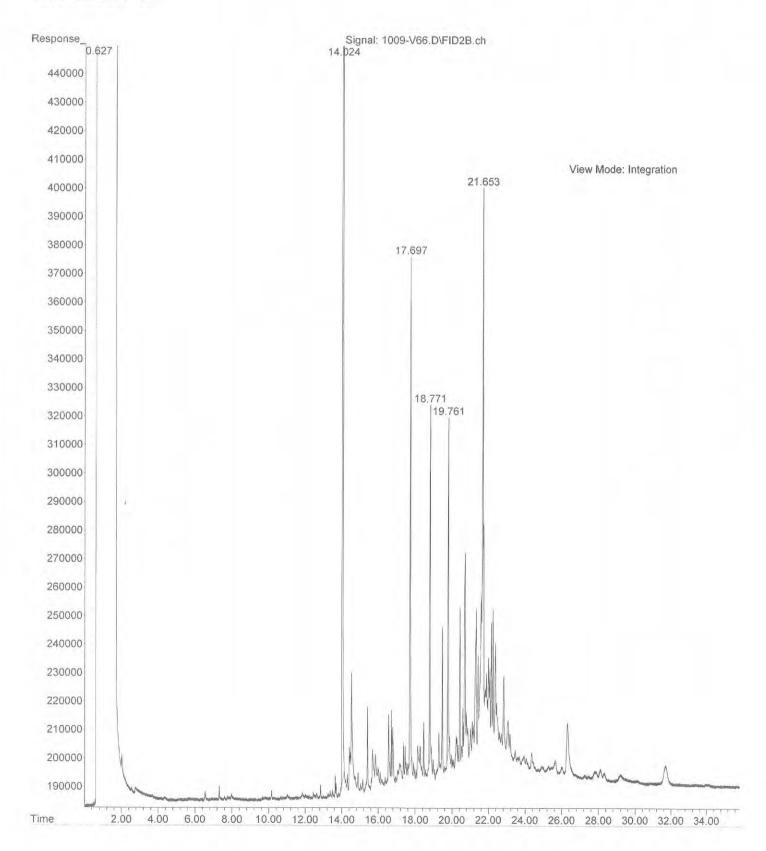


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Operator :

Acquired : 9 Oct 2017 20:16 using AcqMethod V171004F.M

Instrument: Vigo Sample Name: 10-062-15

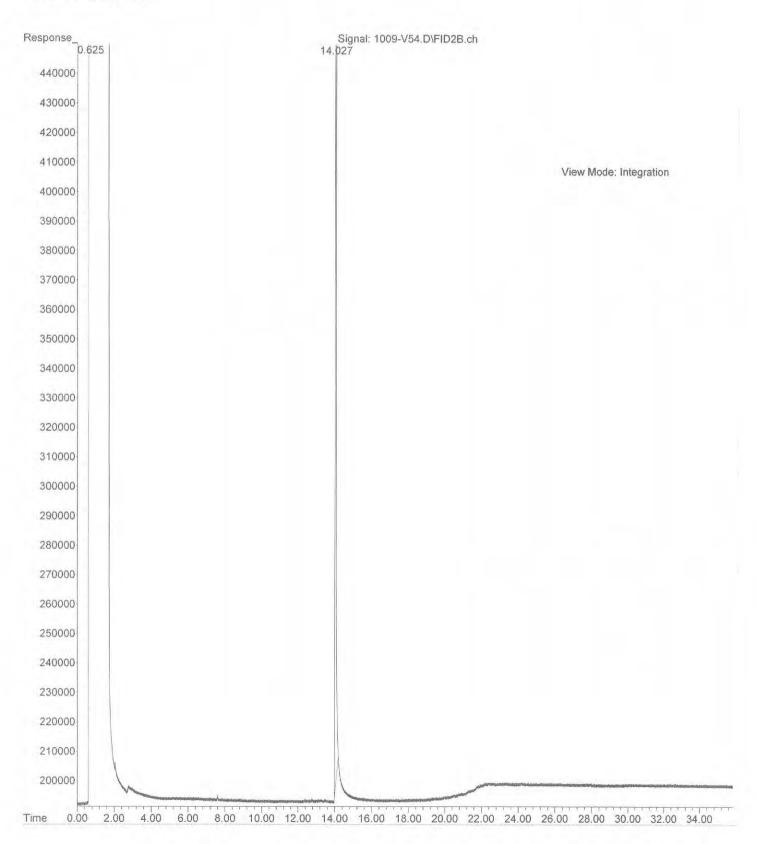


:C:\msdchem\2\data\V171009.SEC\1009-V54.D File

Operator :

Acquired : 9 Oct 2017 12:09 using AcqMethod V171004F.M

Instrument: Vigo Sample Name: 10-062-16

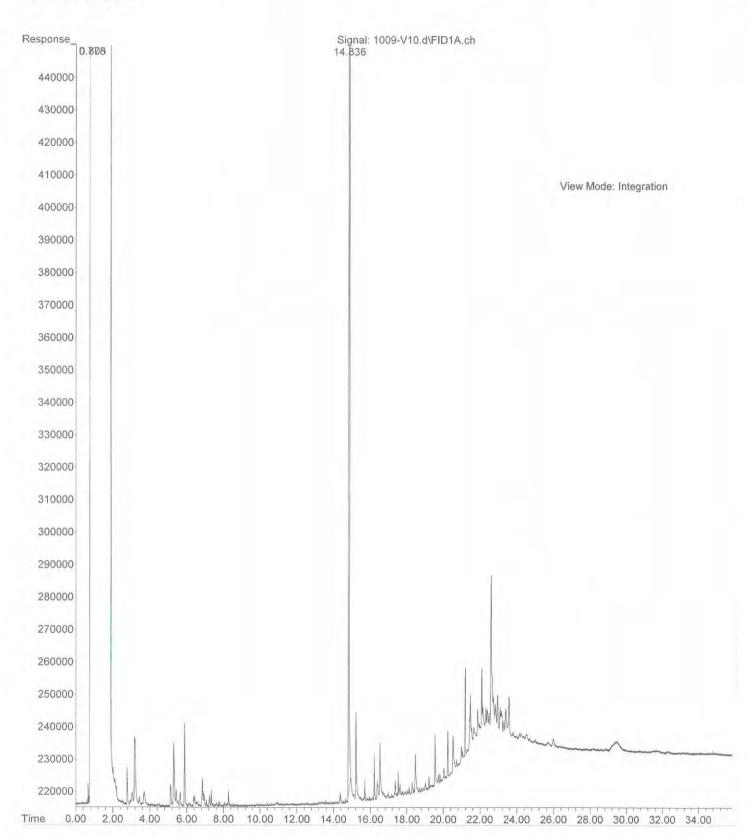


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Operator :

Acquired : 9 Oct 2017 16:16 using AcqMethod V171004F.M

Instrument : Vigo Sample Name: 10-062-19

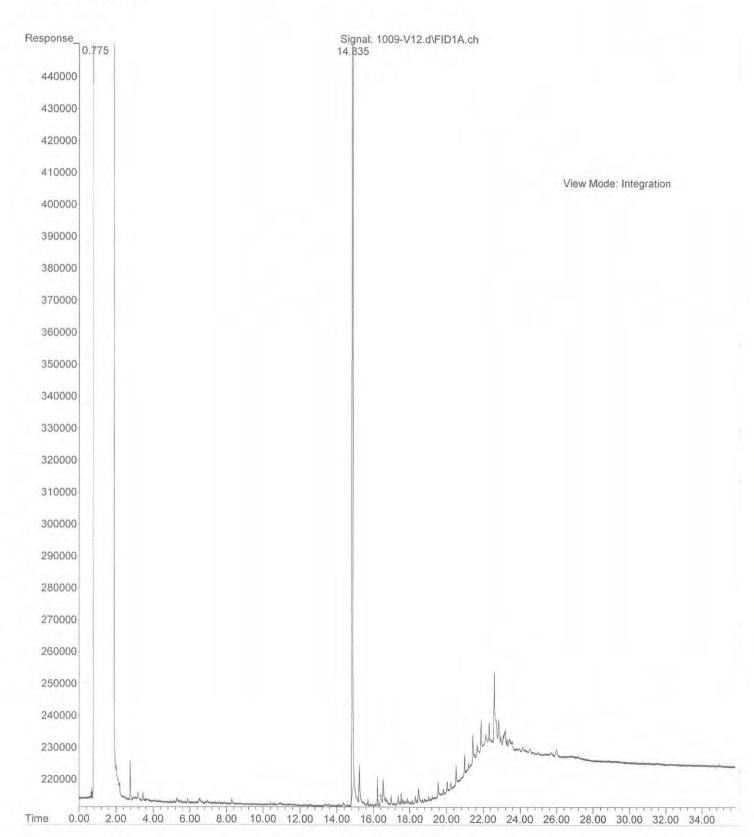


File :C:\msdchem\2\data\V171009\1009-V12.d

Operator :

Acquired : 9 Oct 2017 17:36 using AcqMethod V171004F.M

Instrument : Vigo Sample Name: 10-062-20

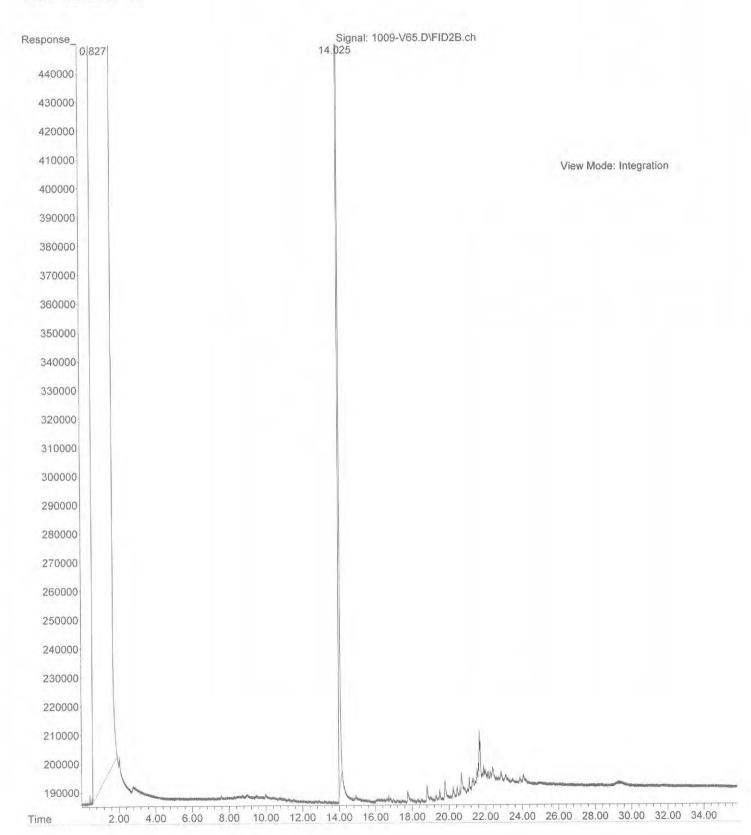


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Operator

Acquired : 9 Oct 2017 19:36 using AcqMethod V171004F.M

Instrument: Vigo Sample Name: 10-062-21





14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 13, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-061

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 5, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures



Project: 4082-039-01

Case Narrative

Samples were collected on October 4, 2017 and received by the laboratory on October 5, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

PAHs EPA 8270D/SIM Analysis

Sample FL363-B7-171004-W had one surrogate recovery out of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
					_
FL363-B4-171004-W	10-061-01	Water	10-4-17	10-5-17	
FL363-B5-171004-W	10-061-02	Water	10-4-17	10-5-17	
FL363-B6-171004-W	10-061-03	Water	10-4-17	10-5-17	
FL363-B7-171004-W	10-061-04	Water	10-4-17	10-5-17	

Project: 4082-039-01

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Ameliata	Decell	DOL	NA - (lol	Date	Date	- 1
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-171004-W					
Laboratory ID:	10-061-01					
Gasoline	24000	5000	NWTPH-Gx	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	61-118				
Client ID:	FL363-B5-171004-W					
Laboratory ID:	10-061-02					
Gasoline	7200	5000	NWTPH-Gx	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	80	61-118				
Client ID:	FL363-B6-171004-W					
Laboratory ID:	10-061-03					
Gasoline	ND	100	NWTPH-Gx	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	90	61-118				
Client ID:	FL363-B7-171004-W					
Laboratory ID:	10-061-04					
Gasoline	ND	100	NWTPH-Gx	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	88	61-118				

Project: 4082-039-01

NWTPH-Dx

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-171004-W					
Laboratory ID:	10-061-01					
Diesel Range Organics	2.3	0.26	NWTPH-Dx	10-11-17	10-12-17	М
Lube Oil Range Organics	0.52	0.42	NWTPH-Dx	10-11-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	77	50-150				
Client ID:	FL363-B5-171004-W					
Laboratory ID:	10-061-02					
Diesel Range Organics	1.1	0.26	NWTPH-Dx	10-11-17	10-12-17	М
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	10-11-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	97	50-150				
Client ID:	FL363-B6-171004-W					
CHEIR ID.	1 E303-D0-17 1004-W					
Laboratory ID:	10-061-03					
Laboratory ID:	10-061-03 ND	0.31	NWTPH-Dy	10-11-17	10-12-17	111
Diesel Range Organics	ND	0.31	NWTPH-Dx NWTPH-Dx	10-11-17 10-11-17	10-12-17 10-12-17	U1
Diesel Range Organics Lube Oil Range Organics	ND 0.48	0.43	NWTPH-Dx NWTPH-Dx	10-11-17 10-11-17	10-12-17 10-12-17	U1
Diesel Range Organics Lube Oil Range Organics Surrogate:	ND 0.48 Percent Recovery	0.43 Control Limits				U1
Diesel Range Organics Lube Oil Range Organics	ND 0.48	0.43				U1
Diesel Range Organics Lube Oil Range Organics Surrogate:	ND 0.48 Percent Recovery	0.43 Control Limits				U1
Diesel Range Organics Lube Oil Range Organics Surrogate: o-Terphenyl	ND 0.48 Percent Recovery 89	0.43 Control Limits				U1
Diesel Range Organics Lube Oil Range Organics Surrogate: o-Terphenyl Client ID:	ND 0.48 Percent Recovery 89 FL363-B7-171004-W	0.43 Control Limits				U1
Diesel Range Organics Lube Oil Range Organics Surrogate: o-Terphenyl Client ID: Laboratory ID:	ND 0.48 Percent Recovery 89 FL363-B7-171004-W 10-061-04	0.43 Control Limits 50-150	NWTPH-Dx	10-11-17	10-12-17	U1
Diesel Range Organics Lube Oil Range Organics Surrogate: o-Terphenyl Client ID: Laboratory ID: Diesel Range Organics	ND 0.48 Percent Recovery 89 FL363-B7-171004-W 10-061-04 ND	0.43 Control Limits 50-150	NWTPH-Dx	10-11-17	10-12-17	U1

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-171004-W					
Laboratory ID:	10-061-01					
Dichlorodifluoromethane	ND	7.4	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	20	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	20	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	200	EPA 8260C	10-9-17	10-9-17	
Iodomethane	ND	26	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	20	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	20	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	100	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	78	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	50	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	20	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropen	e ND	4.0	EPA 8260C	10-9-17	10-9-17	

Date of Report: October 13, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-061 Project: 4082-039-01

VOLATILES EPA 8260C

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A 1 6	5	DOL		Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
	FL363-B4-171004-W					
Laboratory ID:	10-061-01					
1,1,2-Trichloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	40	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	430	4.0	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	2000	20	EPA 8260C	10-10-17	10-10-17	
o-Xylene	800	4.0	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	20	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	33	4.0	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	5.0	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	120	4.0	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	230	4.0	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	860	4.0	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	9.4	4.0	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	33	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropar		20	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Naphthalene	160	28	EPA 8260C	10-9-17	10-9-17	Υ
1,2,3-Trichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	•
Surrogate:	Percent Recovery					
Dilara da alla da da antida da	. Groom recovery	77 400				

Surrogate:	Percent Recovery	Control Limits
Dibromofluoromethane	94	77-129
Toluene-d8	95	80-127
4-Bromofluorobenzene	100	78-125



Project: 4082-039-01

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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B5-171004-W					
Laboratory ID:	10-061-02					
Dichlorodifluoromethane	ND	7.4	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	20	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	20	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	200	EPA 8260C	10-9-17	10-9-17	
Iodomethane	ND	26	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	20	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	e ND	4.0	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	20	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	100	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Benzene	510	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	78	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	50	EPA 8260C	10-9-17	10-9-17	
Toluene	62	20	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloroproper	ne ND	4.0	EPA 8260C	10-9-17	10-9-17	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
•	FL363-B5-171004-W	1 42	Wethou	rrepared	Analyzeu	riaga
Laboratory ID:	10-061-02					
1,1,2-Trichloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	40	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	340	4.0	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	400	8.0	EPA 8260C	10-9-17	10-9-17	
o-Xylene	26	4.0	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	20	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	29	4.0	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	5.0	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	4.0	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	78	4.0	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	41	4.0	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	180	4.0	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	6.4	4.0	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	14	4.0	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropar		20	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	28	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	4.0	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	77-129				

 Dibromofluoromethane
 96
 77-129

 Toluene-d8
 96
 80-127

 4-Bromofluorobenzene
 101
 78-125



Project: 4082-039-01

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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-171004-W					
Laboratory ID:	10-061-03					
Dichlorodifluoromethane	ND	0.37	EPA 8260C	10-9-17	10-9-17	·
Chloromethane	ND	1.0	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	1.0	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	10	EPA 8260C	10-9-17	10-9-17	
Iodomethane	ND	1.3	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	e ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	1.0	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	5.0	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	3.9	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	1.0	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloroproper	ne ND	0.20	EPA 8260C	10-9-17	10-9-17	

Project: 4082-039-01

VOLATILES EPA 8260C

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Analyta	Result	PQL	Method	Date Prepared	Date	Flogs
Analyte Client ID: F	FL363-B6-171004-W	PQL	Wethou	Prepared	Analyzed	Flags
_aboratory ID:	10-061-03	0.00	EDA 00000	40.047	10017	
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	2.0	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	1.0	EPA 8260C	10-9-17	10-9-17	
sopropylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.25	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1-Chlorotoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
ert-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	0.31	0.20	EPA 8260C	10-9-17	10-9-17	
o-Isopropyltoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropan		1.0	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	1.4	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits	/. 32000	.0017	.0017	
Dibromofluoromethane	94	77-129				
Toluene-d8	96	80-127				
	30	00-121				

4-Bromofluorobenzene

78-125

99

Project: 4082-039-01

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F. 20

Matrix: Water Units: ug/L

oritis. dg/L				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B7-171004-W					
Laboratory ID:	10-061-04					
Dichlorodifluoromethane	ND	0.37	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	1.0	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	1.0	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	10	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	1.3	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	1.0	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	5.0	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	3.9	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	1.0	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropen		0.20	EPA 8260C	10-9-17	10-9-17	

Project: 4082-039-01

VOLATILES EPA 8260C

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID: F	L363-B7-171004-W					
Laboratory ID:	10-061-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	2.0	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	1.0	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.25	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropan	e ND	1.0	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	1.4	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	77-129				

4-Bromofluorobenzene

Toluene-d8

80-127

78-125

96

99

Date

Date

Date of Report: October 13, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-061

Project: 4082-039-01

PAHs EPA 8270D/SIM

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B4-171004-W					
Laboratory ID:	10-061-01					
Naphthalene	130	5.7	EPA 8270D/SIM	10-6-17	10-11-17	
2-Methylnaphthalene	68	5.7	EPA 8270D/SIM	10-6-17	10-11-17	
1-Methylnaphthalene	35	5.7	EPA 8270D/SIM	10-6-17	10-11-17	
Acenaphthylene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Acenaphthene	0.24	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Fluorene	0.21	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Phenanthrene	0.18	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Anthracene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Fluoranthene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Pyrene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[a]anthracene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Chrysene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[b]fluoranthene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo(j,k)fluoranthene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[a]pyrene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Indeno(1,2,3-c,d)pyrene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Dibenz[a,h]anthracene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[g,h,i]perylene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	65	30 - 124				
Pyrene-d10	65	40 - 143				

Terphenyl-d14 27 - 127 90



Project: 4082-039-01

PAHs EPA 8270D/SIM

Matrix: Water Units: ug/L

nalyte	Result	PQL				
		FQL	Method	Prepared	Analyzed	Flags
lient ID:	FL363-B5-171004-W					
aboratory ID:	10-061-02					
laphthalene	16	1.0	EPA 8270D/SIM	10-6-17	10-10-17	
-Methylnaphthalene	14	1.0	EPA 8270D/SIM	10-6-17	10-10-17	
-Methylnaphthalene	8.2	1.0	EPA 8270D/SIM	10-6-17	10-10-17	
cenaphthylene	ND	0.10	EPA 8270D/SIM	10-6-17	10-9-17	
cenaphthene	ND	0.10	EPA 8270D/SIM	10-6-17	10-9-17	
luorene	ND	0.10	EPA 8270D/SIM	10-6-17	10-9-17	
henanthrene	ND	0.10	EPA 8270D/SIM	10-6-17	10-9-17	
Inthracene	ND	0.10	EPA 8270D/SIM	10-6-17	10-9-17	
luoranthene	ND	0.10	EPA 8270D/SIM	10-6-17	10-9-17	
yrene	ND	0.10	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[a]anthracene	ND	0.010	EPA 8270D/SIM	10-6-17	10-9-17	
Chrysene	ND	0.010	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[b]fluoranthene	ND	0.010	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo(j,k)fluoranthene	ND	0.010	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[a]pyrene	ND	0.010	EPA 8270D/SIM	10-6-17	10-9-17	
ndeno(1,2,3-c,d)pyrene	ND	0.010	EPA 8270D/SIM	10-6-17	10-9-17	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270D/SIM	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
?-Fluorobiphenyl	93	30 - 124				
Pyrene-d10	54	40 - 143				

27 - 127 Terphenyl-d14 98

Project: 4082-039-01

PAHs EPA 8270D/SIM

Matrix: Water Units: ug/L

A 1 4 .	D W	201		Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL363-B6-171004-W					
Laboratory ID:	10-061-03					
Naphthalene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
2-Methylnaphthalene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
1-Methylnaphthalene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Acenaphthylene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Acenaphthene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Fluorene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Phenanthrene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Anthracene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Fluoranthene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Pyrene	ND	0.11	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[a]anthracene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Chrysene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[b]fluoranthene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo(j,k)fluoranthene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[a]pyrene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Indeno(1,2,3-c,d)pyrene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Dibenz[a,h]anthracene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Benzo[g,h,i]perylene	ND	0.011	EPA 8270D/SIM	10-6-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	59	30 - 124				
Pyrene-d10	54	40 - 143				
T 1 1144	75	07 407				

27 - 127 Terphenyl-d14 75

Date of Report: October 13, 2017 Samples Submitted: October 5, 2017 Laboratory Reference: 1710-061 Project: 4082-039-01

PAHs EPA 8270D/SIM

Matrix: Water Units: ug/L

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
FL363-B7-171004-W					
10-061-04					
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.12	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.012	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.012	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.012	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.012	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.012	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.012	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.012	EPA 8270D/SIM	10-6-17	10-9-17	
ND	0.012	EPA 8270D/SIM	10-6-17	10-9-17	
Percent Recovery	Control Limits				
34	30 - 124				
34	40 - 143				Q
41	27 - 127				
	FL363-B7-171004-W 10-061-04 ND	FL363-B7-171004-W ND 0.12 ND 0.012 Percent Recovery Control Limits 34 30 - 124 40 - 143	FL363-B7-171004-W ND 0.12 EPA 8270D/SIM ND 0.012 EPA 8270D/SIM ND	TL363-B7-171004-W 10-061-04 ND	Result PQL Method Prepared Analyzed FL363-B7-171004-W 10-061-04 10-061-04 10-061-04 10-061-04 ND 0.12 EPA 8270D/SIM 10-6-17 10-9-17 ND 0.012 EPA 8270D/SIM 10-6-17 10-9-17 ND 0.012 EPA 8270D/SIM 10-6-17 10-9-17 ND 0.012 EPA 8270D/SIM 10-6-17 10-9-17

Project: 4082-039-01

TOTAL LEAD EPA 200.8

Matrix: Water
Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lob ID:	10.061.01					
Lab ID:	10-061-01					
Client ID:	FL363-B4-171004-W					
Lead	29	2.0	200.8	10-6-17	10-9-17	
Lab ID:	10-061-02					
Client ID:	FL363-B5-171004-W					
Lead	29	2.0	200.8	10-6-17	10-9-17	
Lab ID:	10-061-03					
Client ID:	FL363-B6-171004-W					
Lead	50	2.0	200.8	10-6-17	10-9-17	
Lab ID:	10-061-04					
Client ID:	FL363-B7-171004-W					
Lead	180	10	200.8	10-6-17	10-9-17	

Project: 4082-039-01

NWTPH-Gx QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1006W1					
Gasoline	ND	100	NWTPH-Gx	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	98	61-118				
Laboratory ID:	MB1009W2					
Gasoline	ND	100	NWTPH-Gx	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits		·		·
Fluorobenzene	94	61-118				

					Source	Perce	ent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recov	ery	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	10-07	7 8-01									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	١	NA	NA	30	
Surrogate:											
Fluorobenzene						93	79	61-118			
Laboratory ID:	10-08	31-02									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	١	NA	NA	30	
Surrogate:											
Fluorobenzene						105	73	61-118			

Project: 4082-039-01

NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analvzed	Flags
METHOD BLANK	iveani	FWL	METHOR	riepaieu	Allalyzeu	ı ıays
Laboratory ID:	MB1011W1					
Diesel Range Organics	ND ND	0.25	NWTPH-Dx	10-11-17	10-12-17	
Lube Oil Range Organics	ND ND	0.40	NWTPH-Dx	10-11-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits	- TWITTEN	10 11 11	10 12 17	
o-Terphenyl	83	50-150				

					Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	10-02	27-02								
	ORIG	DUP								
Diesel Range Organics	0.311	0.269	NA	NA		NA	NA	14	NA	
Lube Oil	0.485	0.422	NA	NA		NA	NA	14	NA	
Surrogate:										
o-Terphenyl						86 91	50-150			

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1009W1					
Dichlorodifluoromethane	ND	0.37	EPA 8260C	10-9-17	10-9-17	
Chloromethane	ND	1.0	EPA 8260C	10-9-17	10-9-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromomethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chloroethane	ND	1.0	EPA 8260C	10-9-17	10-9-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Acetone	ND	10	EPA 8260C	10-9-17	10-9-17	
lodomethane	ND	1.3	EPA 8260C	10-9-17	10-9-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-9-17	10-9-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Vinyl Acetate	ND	1.0	EPA 8260C	10-9-17	10-9-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Butanone	ND	5.0	EPA 8260C	10-9-17	10-9-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chloroform	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Benzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Trichloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Dibromomethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Chloroethyl Vinyl Ether	ND	3.9	EPA 8260C	10-9-17	10-9-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-9-17	10-9-17	
Toluene	ND	1.0	EPA 8260C	10-9-17	10-9-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-9-17	10-9-17	

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1009W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Hexanone	ND	2.0	EPA 8260C	10-9-17	10-9-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-9-17	10-9-17	
o-Xylene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Styrene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromoform	ND	1.0	EPA 8260C	10-9-17	10-9-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Bromobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,1,2,2-Tetrachloroethane	ND	0.25	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-9-17	10-9-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-9-17	10-9-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Naphthalene	ND	1.4	EPA 8260C	10-9-17	10-9-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-9-17	10-9-17	
Surrogate:	Percent Recovery	Control Limits				·
Dibromofluoromothana	02	77 120				

Dibromofluoromethane 92 77-129
Toluene-d8 94 80-127
4-Bromofluorobenzene 98 78-125

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1010W1					
Dichlorodifluoromethane	ND	0.39	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Acetone	ND	10	EPA 8260C	10-10-17	10-10-17	
Iodomethane	ND	1.4	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	1.0	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Butanone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	4.5	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1010W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-10-17	10-10-17	
o-Xylene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	1.3	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery					

Surrogate: Percent Recovery Control Limit
Dibromofluoromethane 97 77-129
Toluene-d8 97 80-127
4-Bromofluorobenzene 98 78-125



Project: 4082-039-01

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

			Percent R		Recovery		RPD			
Analyte	Res	sult	Spike Level		Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	09W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.3	10.1	10.0	10.0	103	101	63-127	2	17	
Benzene	10.4	10.6	10.0	10.0	104	106	76-121	2	12	
Trichloroethene	9.48	9.18	10.0	10.0	95	92	64-120	3	15	
Toluene	10.2	10.2	10.0	10.0	102	102	82-120	0	13	
Chlorobenzene	10.3	9.83	10.0	10.0	103	98	80-120	5	14	
Surrogate:										
Dibromofluoromethane					91	94	77-129			
Toluene-d8					94	95	80-127			
4-Bromofluorobenzene					97	97	78-125			

Project: 4082-039-01

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

	Result				Recovery	RPD				
Analyte					Rec	Recovery		RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	10W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.7	10.3	10.0	10.0	107	103	63-127	4	17	
Benzene	10.9	10.9	10.0	10.0	109	109	76-121	0	12	
Trichloroethene	9.72	9.47	10.0	10.0	97	95	64-120	3	15	
Toluene	10.5	10.3	10.0	10.0	105	103	82-120	2	13	
Chlorobenzene	10.3	10.0	10.0	10.0	103	100	80-120	3	14	
Surrogate:										
Dibromofluoromethane					92	95	77-129			
Toluene-d8					97	96	80-127			
4-Bromofluorobenzene					96	97	78-125			

Project: 4082-039-01

PAHS EPA 8270D/SIM METHOD BLANK QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1006W1					
Naphthalene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
2-Methylnaphthalene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
1-Methylnaphthalene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthylene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
Acenaphthene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
Fluorene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
Phenanthrene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
Anthracene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
Fluoranthene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
Pyrene	ND	0.10	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]anthracene	ND	0.010	EPA 8270D/SIM	10-6-17	10-6-17	
Chrysene	ND	0.010	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[b]fluoranthene	ND	0.010	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo(j,k)fluoranthene	ND	0.010	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[a]pyrene	ND	0.010	EPA 8270D/SIM	10-6-17	10-6-17	
Indeno(1,2,3-c,d)pyrene	ND	0.010	EPA 8270D/SIM	10-6-17	10-6-17	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270D/SIM	10-6-17	10-6-17	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270D/SIM	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
2-Fluorobiphenyl	52	30 - 124				
Pyrene-d10	67	40 - 143				
Terphenyl-d14	69	27 - 127				

Project: 4082-039-01

PAHS EPA 8270D/SIM SB/SBD QUALITY CONTROL

					Per	Percent		RPD		
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	06W1								
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	0.153	0.224	0.500	0.500	31	45	29 - 101	38	47	
Acenaphthylene	0.241	0.279	0.500	0.500	48	56	20 - 117	15	50	
Acenaphthene	0.219	0.262	0.500	0.500	44	52	37 - 109	18	43	
Fluorene	0.261	0.288	0.500	0.500	52	58	47 - 108	10	34	
Phenanthrene	0.286	0.307	0.500	0.500	57	61	49 - 109	7	28	
Anthracene	0.308	0.329	0.500	0.500	62	66	34 - 140	7	32	
Fluoranthene	0.303	0.320	0.500	0.500	61	64	45 - 120	5	39	
Pyrene	0.296	0.326	0.500	0.500	59	65	42 - 133	10	39	
Benzo[a]anthracene	0.325	0.347	0.500	0.500	65	69	47 - 117	7	28	
Chrysene	0.303	0.322	0.500	0.500	61	64	53 - 110	6	25	
Benzo[b]fluoranthene	0.303	0.332	0.500	0.500	61	66	53 - 123	9	37	
Benzo(j,k)fluoranthene	0.310	0.335	0.500	0.500	62	67	52 - 119	8	41	
Benzo[a]pyrene	0.297	0.321	0.500	0.500	59	64	37 - 129	8	33	
Indeno(1,2,3-c,d)pyrene	0.304	0.331	0.500	0.500	61	66	45 - 128	9	31	
Dibenz[a,h]anthracene	0.304	0.334	0.500	0.500	61	67	54 - 120	9	30	
Benzo[g,h,i]perylene	0.296	0.322	0.500	0.500	59	64	49 - 117	8	29	
Surrogate:										
2-Fluorobiphenyl					46	56	30 - 124			
Pyrene-d10					63	65	40 - 143			
Terphenyl-d14					65	68	27 - 127			

Project: 4082-039-01

TOTAL LEAD EPA 200.8 METHOD BLANK QUALITY CONTROL

Date Extracted: 10-6-17
Date Analyzed: 10-9-17

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1006WH1

Analyte Method Result PQL
Lead 200.8 **ND** 1.0

Project: 4082-039-01

TOTAL LEAD EPA 200.8 DUPLICATE QUALITY CONTROL

Date Extracted: 10-6-17
Date Analyzed: 10-9-17

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-059-04

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	ND	ND	NA	1.0	

Project: 4082-039-01

TOTAL LEAD EPA 200.8 MS/MSD QUALITY CONTROL

Date Extracted: 10-6-17
Date Analyzed: 10-9-17

Matrix: Water
Units: ug/L (ppb)

Lab ID: 10-059-04

	Spike		Percent		Percent		
Analyte	Level	MS	Recovery	MSD	Recovery	RPD	Flags
Lead	100	85.2	85	84.6	85	1	



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical _____
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference





Chain of Custody

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ate		-		100	NO.	19	Signature					F1363-B}-	263-86	7363-BB-171004-W	F1365-B4-171004-12	Sample Id	DP, 456	<u> </u>	OCAS TRANS	4082-039-01	
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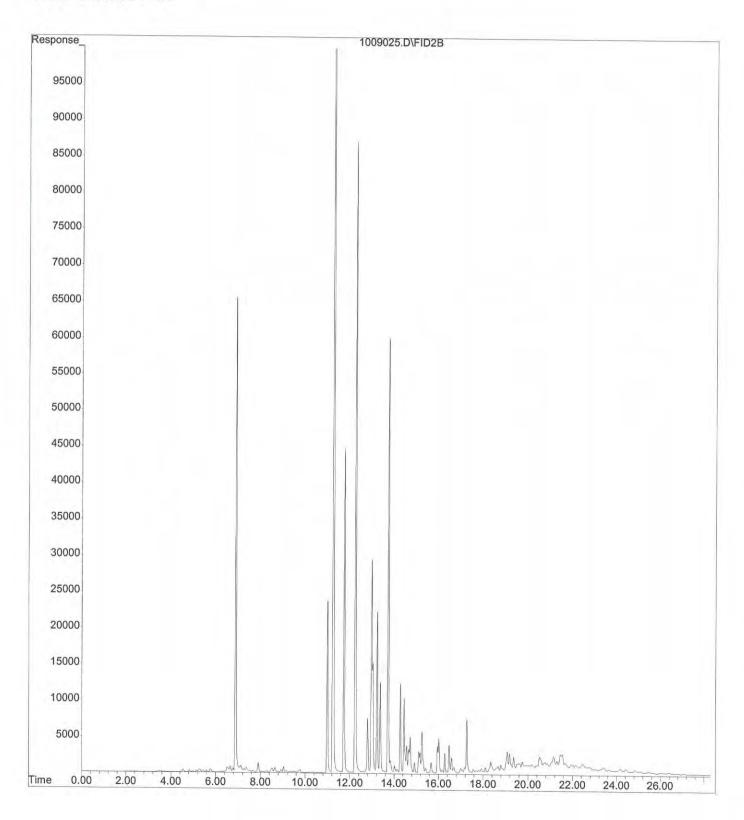
: X:\BTEX\DARYL\DATA\D171009\1009025.D File

Operator

Acquired: 10 Oct 2017 2:41 Instrument: Daryl Sample Name: 10-061-01h rr 1:50 using AcqMethod 170826B3.M 2:41

Misc Info :

Vial Number: 25



File : X:\BTEX\DARYL\DATA\D171009\1009026.D

Operator :

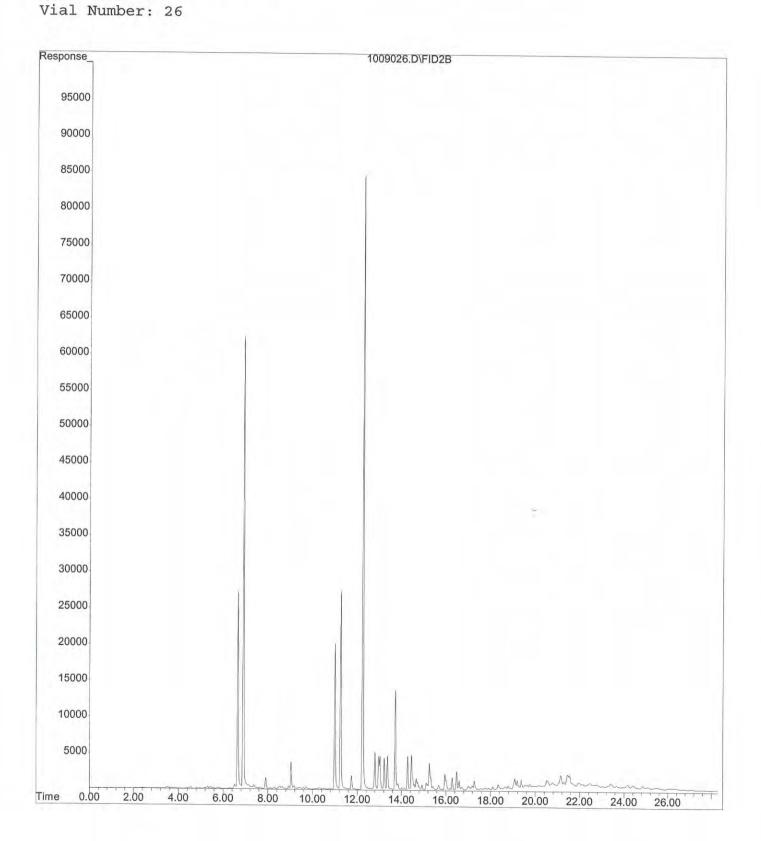
Acquired : 10 Oct 2017 3:14

using AcqMethod 170826B3.M

Instrument : Daryl

Sample Name: 10-061-02i rr 1:50

Misc Info



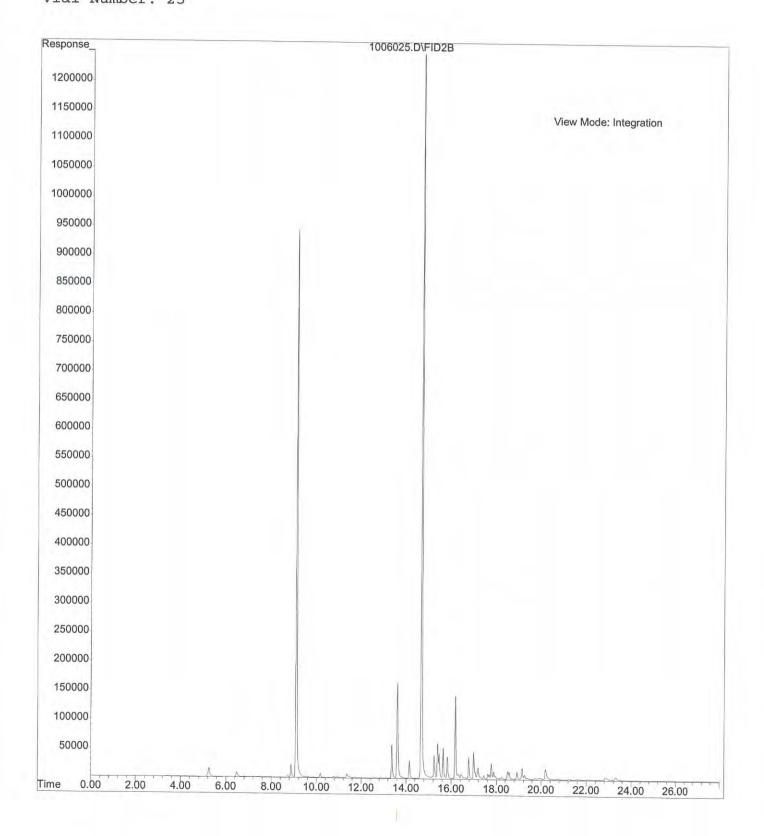
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Operator

Acquired : 7 Oct 2017 2:33 using AcqMethod 170913G3.M

Instrument : Hope

Sample Name: 10-061-03e



File : X:\BTEX\HOPE\DATA\H171006\1006026.D

Operator

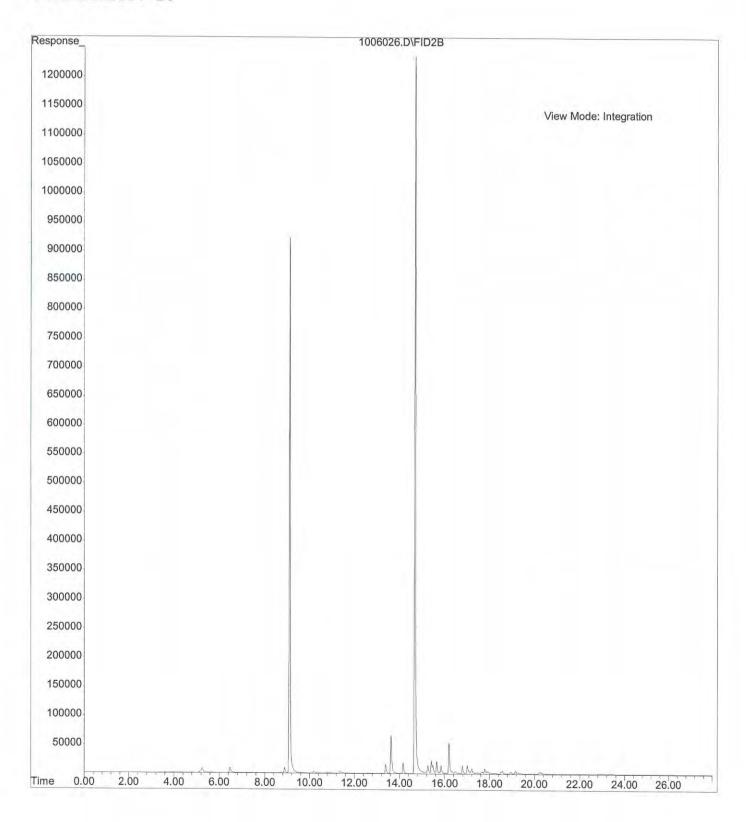
Acquired : 7 Oct 2017 3:07

using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-061-04e

Misc Info :

Vial Number: 26

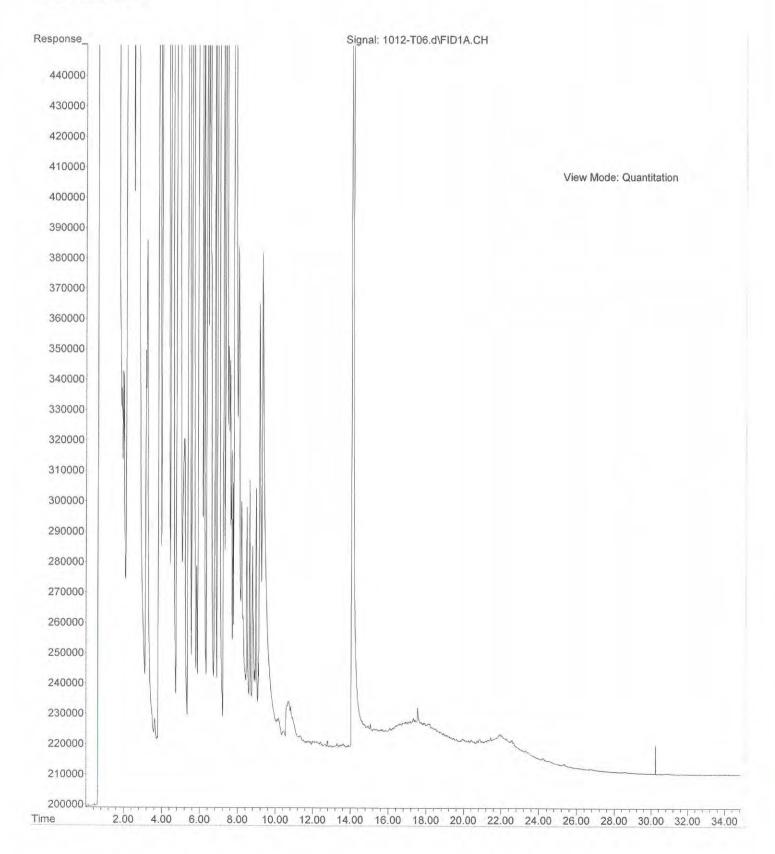


File :C:\msdchem\1\data\T171012\1012-T06.d

Operator : ZT

Acquired : 12 Oct 2017 13:35 using AcqMethod T161216F.M

Instrument : Teri Sample Name: 10-061-01

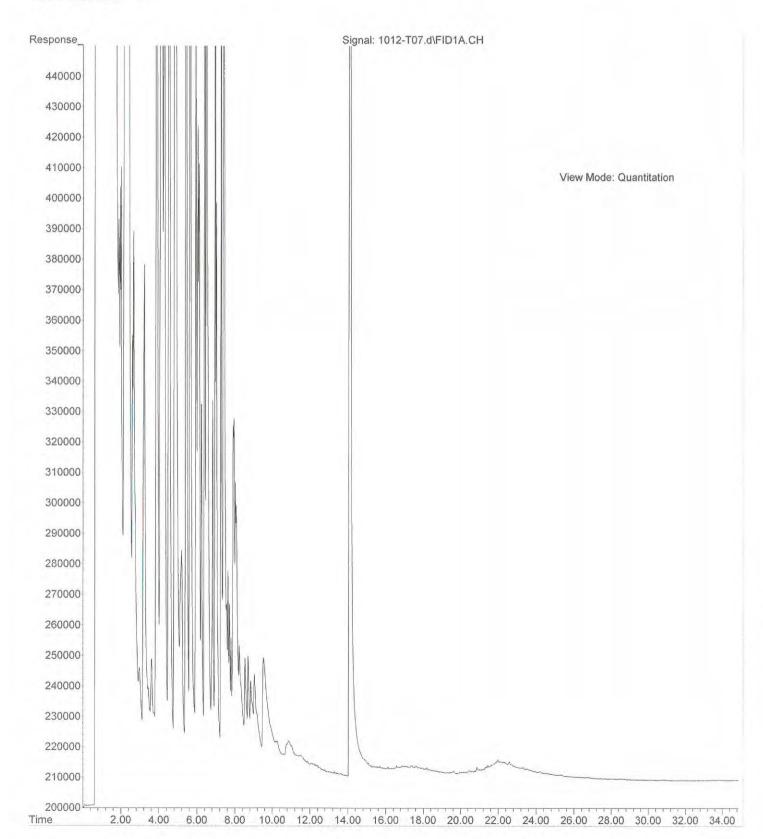


File :C:\msdchem\1\data\T171012\1012-T07.d

Operator : ZT

Acquired : 12 Oct 2017 14:18 using AcqMethod T161216F.M

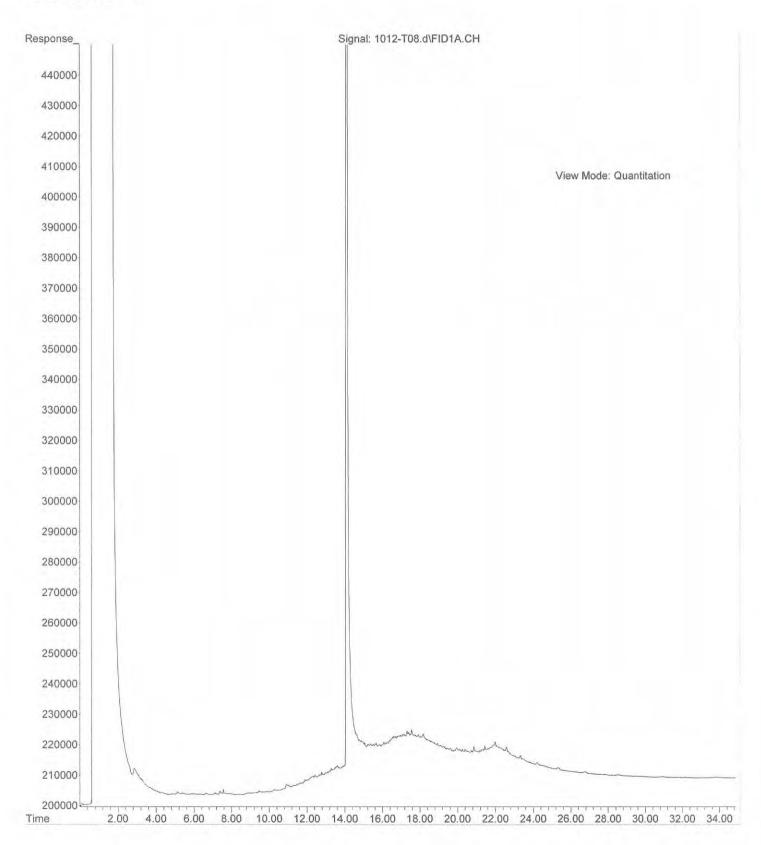
Instrument : Teri Sample Name: 10-061-02



File :C:\msdchem\1\data\T171012\1012-T08.d

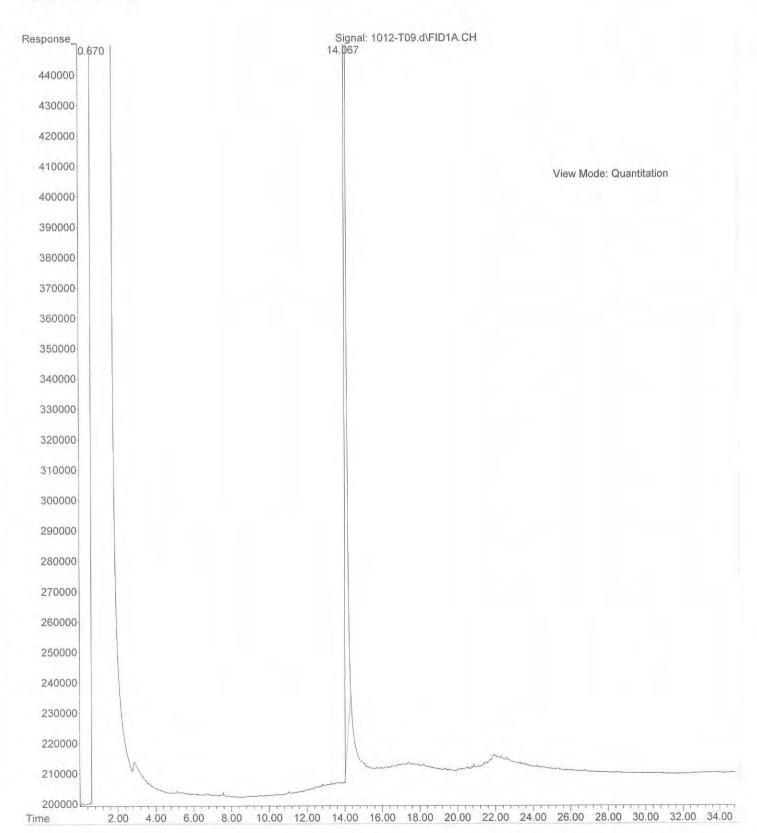
Operator : ZT
Acquired : 12 Oct 2017 15:02 using AcqMethod T161216F.M

Instrument : Teri Sample Name: 10-061-03



File :C:\msdchem\1\data\T171012\1012-T09.d
Operator : ZT
Acquired : 12 Oct 2017 15:44 using AcqMethod T161216F.M

Instrument : Teri Sample Name: 10-061-04





14040 NE 33 Otteet, Neumona, WA 30032 (423) 003-3001

October 12, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-010

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 2, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 4082-039-01

Case Narrative

Samples were collected on October 2, 2017 and received by the laboratory on October 2, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
FL358-MW1-0-0.5	10-010-01	Soil	10-2-17	10-2-17	
FL358-MW1-0.5-1	10-010-02	Soil	10-2-17	10-2-17	
FL358-MW1-1.5-2.5	10-010-03	Soil	10-2-17	10-2-17	
FL358-MW1-5-6	10-010-04	Soil	10-2-17	10-2-17	
FL358-MW1-12-13	10-010-06	Soil	10-2-17	10-2-17	
FL358-MW1-19-20	10-010-08	Soil	10-2-17	10-2-17	
FL358-MW2-0-0.5	10-010-10	Soil	10-2-17	10-2-17	
FL358-MW2-0.5-1	10-010-11	Soil	10-2-17	10-2-17	
FL358-MW2-1.5-2.5	10-010-12	Soil	10-2-17	10-2-17	
FL358-MW2-9-10	10-010-14	Soil	10-2-17	10-2-17	
FL358-MW2-13-14	10-010-16	Soil	10-2-17	10-2-17	

Project: 4082-039-01

NWTPH-Gx

Matrix: Soil

Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-1.5-2.5					
Laboratory ID:	10-010-03					
Gasoline	ND	5.2	NWTPH-Gx	10-5-17	10-5-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	96	63-124				
Client ID:	FL358-MW1-5-6					
Laboratory ID:	10-010-04					
Gasoline	ND	6.5	NWTPH-Gx	10-5-17	10-5-17	
Surrogate:	Percent Recovery	Control Limits			_	
Fluorobenzene	98	63-12 <i>4</i>				

Project: 4082-039-01

NWTPH-Dx

Matrix: Soil

Units: mg/Kg (ppm)

5 5 W 1 7				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-1.5-2.5					
Laboratory ID:	10-010-03					
Diesel Range Organics	ND	29	NWTPH-Dx	10-5-17	10-6-17	
Lube Oil Range Organics	100	58	NWTPH-Dx	10-5-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	87	50-150				
Client ID:	FL358-MW1-5-6					
Laboratory ID:	10-010-04					
Diesel Range Organics	ND	30	NWTPH-Dx	10-5-17	10-6-17	
Lube Oil	79	59	NWTPH-Dx	10-5-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenvl	80	50-150				

Project: 4082-039-01

VOLATILES EPA 8260C Page 1 of 2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-1.5-2.5					
Laboratory ID:	10-010-03					
Dichlorodifluoromethane	ND	0.0020	EPA 8260C	10-6-17	10-6-17	_
Chloromethane	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Vinyl Chloride	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Bromomethane	ND	0.0013	EPA 8260C	10-6-17	10-6-17	
Chloroethane	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Trichlorofluoromethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Acetone	0.20	0.0098	EPA 8260C	10-6-17	10-6-17	
lodomethane	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Carbon Disulfide	ND	0.0015	EPA 8260C	10-6-17	10-6-17	
Methylene Chloride	ND	0.0098	EPA 8260C	10-6-17	10-6-17	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Methyl t-Butyl Ether	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Vinyl Acetate	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
2,2-Dichloropropane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
2-Butanone	0.024	0.0049	EPA 8260C	10-6-17	10-6-17	
Bromochloromethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Chloroform	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,1,1-Trichloroethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Carbon Tetrachloride	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloropropene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Benzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloroethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Trichloroethene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloropropane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Dibromomethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Bromodichloromethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
(cis) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Toluene	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
(trans) 1,3-Dichloropropend	e ND	0.00098	EPA 8260C	10-6-17	10-6-17	

Project: 4082-039-01

VOLATILES EPA 8260C Page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-1.5-2.5					
Laboratory ID:	10-010-03					
1,1,2-Trichloroethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Tetrachloroethene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,3-Dichloropropane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
2-Hexanone	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Dibromochloromethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromoethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Chlorobenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,1,1,2-Tetrachloroethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Ethylbenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-6-17	10-6-17	
o-Xylene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Styrene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Bromoform	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Isopropylbenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Bromobenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,1,2,2-Tetrachloroethane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichloropropane	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
n-Propylbenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
2-Chlorotoluene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
4-Chlorotoluene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,3,5-Trimethylbenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
tert-Butylbenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trimethylbenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
sec-Butylbenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,3-Dichlorobenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
p-Isopropyltoluene	0.0028	0.00098	EPA 8260C	10-6-17	10-6-17	
1,4-Dichlorobenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,2-Dichlorobenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
n-Butylbenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromo-3-chloropropan	e ND	0.0049	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trichlorobenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Hexachlorobutadiene	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Naphthalene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichlorobenzene	ND	0.00098	EPA 8260C	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	73-134				
Toluene-d8	105	81-124				
4.5	00	00.404				

4-Bromofluorobenzene

80-131

90

Project: 4082-039-01

VOLATILES EPA 8260C Page 1 of 2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-5-6					_
Laboratory ID:	10-010-04					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	10-6-17	10-6-17	_
Chloromethane	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
Vinyl Chloride	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Bromomethane	ND	0.0012	EPA 8260C	10-6-17	10-6-17	
Chloroethane	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
Trichlorofluoromethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Acetone	0.34	0.0091	EPA 8260C	10-6-17	10-6-17	
Iodomethane	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
Carbon Disulfide	0.0018	0.0014	EPA 8260C	10-6-17	10-6-17	Υ
Methylene Chloride	ND	0.0091	EPA 8260C	10-6-17	10-6-17	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Methyl t-Butyl Ether	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Vinyl Acetate	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
2,2-Dichloropropane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
2-Butanone	0.039	0.0045	EPA 8260C	10-6-17	10-6-17	
Bromochloromethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Chloroform	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,1,1-Trichloroethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Carbon Tetrachloride	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloropropene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Benzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloroethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Trichloroethene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloropropane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Dibromomethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Bromodichloromethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
2-Chloroethyl Vinyl Ether	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
(cis) 1,3-Dichloropropene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
Toluene	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
(trans) 1,3-Dichloropropene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	

Project: 4082-039-01

VOLATILES EPA 8260C Page 2 of 2

Client ID: Laboratory D: 10-010-04					Date	Date	
Laboratory ID:	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
1,1,2-Trichloroethane	Client ID:	FL358-MW1-5-6					
Tetrachloroethene	Laboratory ID:	10-010-04					
1,3-Dichloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-17 2-Hexanone ND 0.0045 EPA 8260C 10-6-17 10-6-17 1-2-Dibromochloromethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dibromochloromethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 Chlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Chlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Bryrene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Bryrene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Bryrene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.00091 EPA 8260C 10-6-17	1,1,2-Trichloroethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
2-Hexanone	Tetrachloroethene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Dibromochloromethane ND	1,3-Dichloropropane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromoethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 Chlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 L1,1,2-Tetrachloroethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 m,p-Xylene ND 0.0018 EPA 8260C 10-6-17 10-6-17 o-Xylene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.00091 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,2-Trichloropenzene ND 0.00091 EPA 8260C 10-6-17 <	2-Hexanone	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
Chlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,1,2-Tetrachloroethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,1,2-Tetrachloroethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,1,2-Tetrachloroethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tetrachloroethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tichloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tichloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tichloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Tirnethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,3-Firmethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Tirmethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,4-Timethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,4-Timethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Eichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-	Dibromochloromethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,1,1,2-Tetrachloroethane	1,2-Dibromoethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Ethylbenzene	Chlorobenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
m.p-Xylene	1,1,1,2-Tetrachloroethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Decayleine ND 0.00091 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Styreny ND 0.00091 EPA 8260C 10-6-17 10-6-17 Styreny ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tetrachloroethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,2-Trichloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-17 10-6-17 1,2,2-Trimethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,3,5-Trimethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,3,5-Trimethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,4-Trimethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,4-Trimethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,3,5-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 10-6-17 10-6-17 10-6-17 10	Ethylbenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Styrene ND 0.00091 EPA 8260C 10-6-17	m,p-Xylene	ND	0.0018	EPA 8260C	10-6-17	10-6-17	
Seromoform ND 0.0045 EPA 8260C 10-6-17 10-6-	o-Xylene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Sepropylbenzene ND 0.00091 EPA 8260C 10-6-17	Styrene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Bromobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tetrachloroethane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-	Bromoform	ND	0.0045	EPA 8260C	10-6-17	10-6-17	
1,1,2,2-Tetrachloroethane	Isopropylbenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichloropropane	Bromobenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
ND 0.00091 EPA 8260C 10-6-17	1,1,2,2-Tetrachloroethane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Carbon C	1,2,3-Trichloropropane	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
C-Chlorotoluene	n-Propylbenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,3,5-Trimethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 tert-Butylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,4-Trimethylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 sec-Butylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,3-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0045 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlor		ND	0.00091	EPA 8260C	10-6-17	10-6-17	
tert-Butylbenzene ND 0.00091 EPA 8260C 10-6-17	4-Chlorotoluene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
Sec-Butylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,3-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,3-Dichlorobenzene 0.017 0.00091 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Naphth	ert-Butylbenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,3-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 p-Isopropyltoluene 0.017 0.00091 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 n-Butylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0045 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124	1,2,4-Trimethylbenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,3-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 p-Isopropyltoluene 0.017 0.00091 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 n-Butylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0045 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124	sec-Butylbenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6		ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,4-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 n-Butylbenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0045 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124	o-Isopropyltoluene	0.017	0.00091	EPA 8260C	10-6-17	10-6-17	
ND 0.00091 EPA 8260C 10-6-17		ND	0.00091	EPA 8260C	10-6-17	10-6-17	
ND 0.00091 EPA 8260C 10-6-17	1,2-Dichlorobenzene	ND	0.00091	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromo-3-chloropropane ND 0.0045 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124		ND		EPA 8260C	10-6-17	10-6-17	
1,2,4-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124							
Hexachlorobutadiene ND 0.0045 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124							
Naphthalene ND 0.00091 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124	• •						
1,2,3-Trichlorobenzene ND 0.00091 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124							
Surrogate: Percent Recovery Control Limits Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124							
Dibromofluoromethane 102 73-134 Toluene-d8 106 81-124					-	•	
Toluene-d8 106 81-124	_	-					
4-Bromofluorobenzene 97 80-131							

Project: 4082-039-01

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-12-13					
Laboratory ID:	10-010-06					
Dichlorodifluoromethane	ND	0.0020	EPA 8260C	10-6-17	10-6-17	
Chloromethane	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Vinyl Chloride	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Bromomethane	ND	0.0013	EPA 8260C	10-6-17	10-6-17	
Chloroethane	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Trichlorofluoromethane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethene	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Acetone	0.069	0.0099	EPA 8260C	10-6-17	10-6-17	
lodomethane	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Carbon Disulfide	ND	0.0015	EPA 8260C	10-6-17	10-6-17	
Methylene Chloride	ND	0.0099	EPA 8260C	10-6-17	10-6-17	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Methyl t-Butyl Ether	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Vinyl Acetate	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
2,2-Dichloropropane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
2-Butanone	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Bromochloromethane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Chloroform	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
1,1,1-Trichloroethane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Carbon Tetrachloride	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloropropene	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Benzene	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloroethane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Trichloroethene	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloropropane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Dibromomethane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Bromodichloromethane	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
(cis) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	10-6-17	10-6-17	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
Toluene	ND	0.0049	EPA 8260C	10-6-17	10-6-17	
(trans) 1,3-Dichloropropene	e ND	0.00099	EPA 8260C	10-6-17	10-6-17	

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Client ID: Laboratory ID: 10-0 1,1,2-Trichloroethane Tetrachloroethene 1,3-Dichloropropane 2-Hexanone Dibromochloromethane 1,2-Dibromoethane 1,2-Dibromoethane Chlorobenzene 1,1,1,2-Tetrachloroethane Ethylbenzene m,p-Xylene o-Xylene Styrene Bromoform				Date	
Laboratory ID: 10-0 1,1,2-Trichloroethane Tetrachloroethene 1,3-Dichloropropane 2-Hexanone Dibromochloromethane 1,2-Dibromoethane Chlorobenzene 1,1,1,2-Tetrachloroethane Ethylbenzene m,p-Xylene o-Xylene Styrene Bromoform	sult PQL	Method	Prepared	Analyzed	Flags
1,1,2-Trichloroethane Tetrachloroethene 1,3-Dichloropropane 2-Hexanone Dibromochloromethane 1,2-Dibromoethane Chlorobenzene 1,1,1,2-Tetrachloroethane Ethylbenzene m,p-Xylene o-Xylene Styrene Bromoform	/1-12-13				
Tetrachloroethene 1,3-Dichloropropane 2-Hexanone Dibromochloromethane 1,2-Dibromoethane Nother the	10-06				
1,3-Dichloropropane 2-Hexanone Dibromochloromethane 1,2-Dibromoethane Chlorobenzene 1,1,1,2-Tetrachloroethane Ethylbenzene m,p-Xylene o-Xylene Styrene Bromoform	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
2-Hexanone N Dibromochloromethane N 1,2-Dibromoethane N 1,1,1,2-Tetrachloroethane N Ethylbenzene N m,p-Xylene N O-Xylene N Styrene N Bromoform N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
Dibromochloromethane 1,2-Dibromoethane Chlorobenzene 1,1,1,2-Tetrachloroethane Ethylbenzene m,p-Xylene o-Xylene Styrene Bromoform	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
1,2-Dibromoethane N Chlorobenzene N 1,1,1,2-Tetrachloroethane N Ethylbenzene N m,p-Xylene N o-Xylene N Styrene N Bromoform N	D 0.0049	EPA 8260C	10-6-17	10-6-17	
Chlorobenzene N 1,1,1,2-Tetrachloroethane N Ethylbenzene N m,p-Xylene N 0-Xylene N Styrene N Bromoform N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
1,1,1,2-Tetrachloroethane N Ethylbenzene N m,p-Xylene N o-Xylene N Styrene N Bromoform N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
Ethylbenzene N m,p-Xylene N o-Xylene N Styrene N Bromoform N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
m,p-Xylene N o-Xylene N Styrene N Bromoform N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
o-Xylene N Styrene N Bromoform N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
Styrene N Bromoform N	D 0.0020	EPA 8260C	10-6-17	10-6-17	
Bromoform N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
Isopropylbenzene N	D 0.0049	EPA 8260C	10-6-17	10-6-17	
	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
Bromobenzene N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
1,1,2,2-Tetrachloroethane	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichloropropane	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
n-Propylbenzene N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
4-Chlorotoluene N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
1,3,5-Trimethylbenzene	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
tert-Butylbenzene N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
1,2,4-Trimethylbenzene	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
sec-Butylbenzene N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
-	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
p-Isopropyltoluene N	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
1,2-Dichlorobenzene	D 0.0009	9 EPA 8260C	10-6-17	10-6-17	
·	D 0.0009			10-6-17	
•	D 0.0049			10-6-17	
• • •	D 0.0009			10-6-17	
Hexachlorobutadiene N	D 0.0049			10-6-17	
	D 0.0009			10-6-17	
-	D 0.0009			10-6-17	
, ,	Recovery Control Li		· -	-	
_	02 73-134				
4-Bromofluorobenzene 1	05 81-124	1			

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-19-20					
Laboratory ID:	10-010-08					
Dichlorodifluoromethane	ND	0.0017	EPA 8260C	10-6-17	10-6-17	
Chloromethane	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
Vinyl Chloride	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Bromomethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Chloroethane	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
Trichlorofluoromethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Acetone	0.014	0.0084	EPA 8260C	10-6-17	10-6-17	
lodomethane	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
Carbon Disulfide	ND	0.0013	EPA 8260C	10-6-17	10-6-17	
Methylene Chloride	ND	0.0084	EPA 8260C	10-6-17	10-6-17	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Methyl t-Butyl Ether	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Vinyl Acetate	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
2,2-Dichloropropane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
(cis) 1,2-Dichloroethene	0.0016	0.00084	EPA 8260C	10-6-17	10-6-17	
2-Butanone	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
Bromochloromethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Chloroform	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,1,1-Trichloroethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Carbon Tetrachloride	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloropropene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Benzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloroethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Trichloroethene	0.0033	0.00084	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloropropane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Dibromomethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Bromodichloromethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
2-Chloroethyl Vinyl Ether	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
(cis) 1,3-Dichloropropene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Methyl Isobutyl Ketone	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
Toluene	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
(trans) 1,3-Dichloropropene	e ND	0.00084	EPA 8260C	10-6-17	10-6-17	

Date of Report: October 12, 2017 Samples Submitted: October 2, 2017 Laboratory Reference: 1710-010 Project: 4082-039-01

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-19-20					
Laboratory ID:	10-010-08					
1,1,2-Trichloroethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Tetrachloroethene	0.0049	0.00084	EPA 8260C	10-6-17	10-6-17	
1,3-Dichloropropane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
2-Hexanone	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
Dibromochloromethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromoethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Chlorobenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,1,1,2-Tetrachloroethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Ethylbenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
m,p-Xylene	ND	0.0017	EPA 8260C	10-6-17	10-6-17	
o-Xylene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Styrene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Bromoform	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
Isopropylbenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Bromobenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,1,2,2-Tetrachloroethane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichloropropane	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
n-Propylbenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
2-Chlorotoluene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
4-Chlorotoluene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,3,5-Trimethylbenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
tert-Butylbenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trimethylbenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
sec-Butylbenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,3-Dichlorobenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
p-Isopropyltoluene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,4-Dichlorobenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,2-Dichlorobenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
n-Butylbenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromo-3-chloropropane	e ND	0.0042	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trichlorobenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Hexachlorobutadiene	ND	0.0042	EPA 8260C	10-6-17	10-6-17	
Naphthalene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichlorobenzene	ND	0.00084	EPA 8260C	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	73-134				
Toluene-d8	103	81-124				
4-Bromofluorobenzene	102	80-131				
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Date of Report: October 12, 2017 Samples Submitted: October 2, 2017 Laboratory Reference: 1710-010 Project: 4082-039-01

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW2-1.5-2.5					
Laboratory ID:	10-010-12					
Dichlorodifluoromethane	ND	0.0021	EPA 8260C	10-6-17	10-6-17	
Chloromethane	ND	0.0053	EPA 8260C	10-6-17	10-6-17	
Vinyl Chloride	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Bromomethane	ND	0.0014	EPA 8260C	10-6-17	10-6-17	
Chloroethane	ND	0.0053	EPA 8260C	10-6-17	10-6-17	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Acetone	0.18	0.011	EPA 8260C	10-6-17	10-6-17	
lodomethane	ND	0.0053	EPA 8260C	10-6-17	10-6-17	
Carbon Disulfide	ND	0.0016	EPA 8260C	10-6-17	10-6-17	
Methylene Chloride	ND	0.011	EPA 8260C	10-6-17	10-6-17	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Vinyl Acetate	ND	0.0053	EPA 8260C	10-6-17	10-6-17	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
2-Butanone	0.018	0.0053	EPA 8260C	10-6-17	10-6-17	
Bromochloromethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Chloroform	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Benzene	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Trichloroethene	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Dibromomethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Bromodichloromethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	10-6-17	10-6-17	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	10-6-17	10-6-17	
Toluene	ND	0.0053	EPA 8260C	10-6-17	10-6-17	
(trans) 1,3-Dichloropropend	e ND	0.0011	EPA 8260C	10-6-17	10-6-17	

Date of Report: October 12, 2017 Samples Submitted: October 2, 2017 Laboratory Reference: 1710-010

Project: 4082-039-01

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Client ID: 10-010-12 10-010-12 10-010-12 10-010-12 10-010-12 10-010-12 10-010-12 10-010-12 10-010-12 10-010-17 10-0-17 1	Analyta	Result	PQL	Mothod	Date Prepared	Date	Floor
Laboratory ID:	Analyte		PQL	Method	Prepared	Analyzed	Flags
1,1,2-Trichloroethane							
Tetrachloroethene			0.0011	EDA 9260C	10 6 17	10 6 17	
1,3-Dichloropropane ND 0.0011 EPA 8260C 10-6-17 10-6-17 2-Hexanone ND 0.0053 EPA 8260C 10-6-17 10-6-17 Dibromochloromethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 1,2-Dibromoethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 Chlorobenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Brylene ND 0.0053 EPA 8260C 10-6-17 10-6-17 <							
2-Hexanone ND 0.0053 EPA 8260C 10-6-17 10-6-17 Dibromochloromethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 1-2-Dibromochloromethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 1-2-Dibromochloromethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 1-1,1,2-Tetrachloroethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 1-1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1							
Dibromochloromethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 1,2-Dibromoethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 Chlorobenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 1,1,2-Tetrachloroethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.0021 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.0021 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.0053 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10							
1,2-Dibromoethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 Chlorobenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 I.1,1,2-Tetrachloroethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 mp-Xylene ND 0.0011 EPA 8260C 10-6-17 10-6-17 o-Xylene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0053 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.065 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 I.1,2,2-Tichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 1-2,2-Tichlorobluene ND 0.065 EPA 8260C 10-10-17 <							
Chlorobenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 1,1,1,2-Tetrachloroethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.0021 EPA 8260C 10-6-17 10-6-17 m,p-Xylene ND 0.0021 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0053 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.0065 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,1,2,2-Tetrachloroethane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorotoluene ND 0.065 EPA 8260C 10-10-17 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
1,1,1,2-Tetrachloroethane ND 0.0011 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 m,p-Xylene ND 0.0021 EPA 8260C 10-6-17 10-6-17 c-Xylene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0053 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.0065 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,1,2,2-Tetrachloroethane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 -P-Propylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 2-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Ethylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 m,p-Xylene ND 0.0021 EPA 8260C 10-6-17 10-6-17 o-Xylene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0053 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Bromobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Propylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 2-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17							
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o-Xylene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0053 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,1,2,2-Tetrachloroethane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trimchlyloenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3,5-Trimethylbenzene ND 0.065 EPA 8260C	<u>-</u>						
Styrene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0053 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,1,2,2-Tetrachloroethane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3,5-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,4-Trimethylbenzene ND 0.065 EPA 826							
Bromoform ND 0.0053 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.0011 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.005 EPA 8260C 10-10-17 10-10-17 1,1,2,2-Tetrachloroethane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-							
Isopropylbenzene							
Bromobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,1,2,2-Tetrachloroethane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 1,3,5-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3,5-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 10-10-17 1							
1,1,2,2-Tetrachloroethane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Propylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 2-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3,5-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,4-Dichlorobenzene ND 0.065	Isopropylbenzene					10-6-17	
1,2,3-Trichloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Propylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 2-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3,5-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 tetr-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dichlorobenzene ND 0.065	Bromobenzene	ND			10-10-17	10-10-17	
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2-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 4-Chlorotoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3,5-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 tert-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 sec-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dibromo-3-chloropropane ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.06	1,2,3-Trichloropropane	ND	0.065	EPA 8260C	10-10-17	10-10-17	
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1,2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 sec-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 p-Isopropyltoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065	1,3,5-Trimethylbenzene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 p-Isopropyltoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 2urogate: Percent Recovery Control L	tert-Butylbenzene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 p-Isopropyltoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 81-124	1,2,4-Trimethylbenzene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	sec-Butylbenzene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	1,3-Dichlorobenzene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 n-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	p-Isopropyltoluene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	1,4-Dichlorobenzene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-10-17 10-10-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	1,2-Dichlorobenzene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	n-Butylbenzene	ND	0.065	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	1,2-Dibromo-3-chloropropan	e ND	0.32	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene ND 0.32 EPA 8260C 10-10-17 10-10-17 Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124			0.065	EPA 8260C	10-10-17	10-10-17	
Naphthalene ND 0.065 EPA 8260C 10-10-17 10-10-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124							
1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-10-17 10-10-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124						10-10-17	
Surrogate: Percent Recovery Control Limits Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	1,2,3-Trichlorobenzene	ND	0.065	EPA 8260C	10-10-17		
Dibromofluoromethane 101 73-134 Toluene-d8 101 81-124	• • • • • • • • • • • • • • • • • • • •	Percent Recovery					
Toluene-d8 101 81-124	_						
	4-Bromofluorobenzene	88	80-131				

Project: 4082-039-01

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW2-9-10					
Laboratory ID:	10-010-14					
Dichlorodifluoromethane	ND	0.0017	EPA 8260C	10-6-17	10-6-17	
Chloromethane	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Vinyl Chloride	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Bromomethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Chloroethane	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Trichlorofluoromethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Acetone	0.052	0.0087	EPA 8260C	10-6-17	10-6-17	
lodomethane	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Carbon Disulfide	ND	0.0013	EPA 8260C	10-6-17	10-6-17	
Methylene Chloride	ND	0.0087	EPA 8260C	10-6-17	10-6-17	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Methyl t-Butyl Ether	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Vinyl Acetate	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
2,2-Dichloropropane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
2-Butanone	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Bromochloromethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Chloroform	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,1,1-Trichloroethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Carbon Tetrachloride	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloropropene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Benzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloroethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Trichloroethene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloropropane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Dibromomethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Bromodichloromethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
(cis) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Toluene	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
(trans) 1,3-Dichloropropene	e ND	0.00087	EPA 8260C	10-6-17	10-6-17	

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					Date Analyzed	
Analyte	Result	PQL	Method	Prepared		Flags
Client ID:	FL358-MW2-9-10					
Laboratory ID:	10-010-14					
1,1,2-Trichloroethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Tetrachloroethene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,3-Dichloropropane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
2-Hexanone	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Dibromochloromethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromoethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Chlorobenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,1,1,2-Tetrachloroethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Ethylbenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
m,p-Xylene	ND	0.0017	EPA 8260C	10-6-17	10-6-17	
o-Xylene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Styrene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Bromoform	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
sopropylbenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Bromobenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,1,2,2-Tetrachloroethane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichloropropane	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
n-Propylbenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
2-Chlorotoluene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
4-Chlorotoluene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,3,5-Trimethylbenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
ert-Butylbenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trimethylbenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
sec-Butylbenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,3-Dichlorobenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
p-Isopropyltoluene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,4-Dichlorobenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,2-Dichlorobenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
n-Butylbenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromo-3-chloropropane		0.0044	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trichlorobenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Naphthalene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichlorobenzene	ND	0.00087	EPA 8260C	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits		•	•	
Dibromofluoromethane	102	73-134				
Toluene-d8	109	81-124				
4-Bromofluorobenzene	101	80-131				

Date of Report: October 12, 2017 Samples Submitted: October 2, 2017 Laboratory Reference: 1710-010 Project: 4082-039-01

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Soil Matrix: Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW2-13-14					
Laboratory ID:	10-010-16					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	10-6-17	10-6-17	
Chloromethane	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Vinyl Chloride	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Bromomethane	ND	0.0011	EPA 8260C	10-6-17	10-6-17	
Chloroethane	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Trichlorofluoromethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Acetone	0.018	0.0088	EPA 8260C	10-6-17	10-6-17	
lodomethane	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Carbon Disulfide	ND	0.0013	EPA 8260C	10-6-17	10-6-17	
Methylene Chloride	ND	0.0088	EPA 8260C	10-6-17	10-6-17	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Vinyl Acetate	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
2,2-Dichloropropane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
2-Butanone	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Bromochloromethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Chloroform	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Carbon Tetrachloride	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloropropene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Benzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloroethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Trichloroethene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloropropane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Dibromomethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Bromodichloromethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Toluene	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
(trans) 1,3-Dichloropropene	e ND	0.00088	EPA 8260C	10-6-17	10-6-17	

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VOLATILES EPA 8260C Page 2 of 2

Client ID: FL358-MW2-13-14 Laboratory ID: 10-010-16 10-010-16 11,2-Trichloroethane ND 0.00088 EPA 8260C 10-6-17 10					Date	Date	
Laboratory ID:	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
1,1,2-Trichloroethane	Client ID:	FL358-MW2-13-14					
Tetrachloroethene	Laboratory ID:	10-010-16					
1,3-Dichloropropane ND 0.00088 EPA 8260C 10-6-17 10-6-17 2-Hexanone ND 0.0044 EPA 8260C 10-6-17 10-6-17 Dibromochloromethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dibromoethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 Chlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,1,1,2-Tetrachloroethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 m,p-Xylene ND 0.00088 EPA 8260C 10-6-17 10-6-17 O-Xylene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.00088 EPA 8260C 10-6-17	1,1,2-Trichloroethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
2-Hexanone ND 0.0044 EPA 8260C 10-6-17 10-6-17 Dibromochloromethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 10-6-17 10-12-Dibromochloromethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 10-6-17 11,1,2-Dibromochloromethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 11,1,1,2-Tetrachloroethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 11,1,1,2-Tetrachloroethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 10-6-17 11,1,1,2-Tetrachloroethane ND 0.00088 EPA 8260C 10-6-17 10-6	Tetrachloroethene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Dibromochloromethane	1,3-Dichloropropane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromoethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 Chlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 I,1,1,2-Tetrachloroethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 Ethylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 m,p-Xylene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 I-1,2,2-Tritachloropropane ND 0.00088 EPA 8260C 10-	2-Hexanone	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
Chlorobenzene	Dibromochloromethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,1,1,2-Tetrachloroethane	1,2-Dibromoethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Ethylbenzene	Chlorobenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
M.D. N.D. 0.0018 EPA 8260C 10-6-17	1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
o-Xylene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Styrene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Bromoform ND 0.0044 EPA 8260C 10-6-17 10-6-17 Isopropylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Bromobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tetrachloroethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tetrachloropropane ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichloropropane ND 0.00088 EPA 8260C 10-6-17 10-6-17 n-Propylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 n-Propylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 4-Chlorotoluene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,3-Frimethylbenzene ND 0.00088 EPA 8260C	Ethylbenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Styrene ND 0.00088 EPA 8260C 10-6-17	m,p-Xylene	ND	0.0018	EPA 8260C	10-6-17	10-6-17	
Second Form ND 0.0044 EPA 8260C 10-6-17 10-6	o-Xylene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Sepropylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 10-6-17 11-6-17	Styrene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Bromobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,1,2,2-Tetrachloroethane ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichloropropane ND 0.00088 EPA 8260C 10-6-17 10-6-	Bromoform	ND	0.0044	EPA 8260C	10-6-17	10-6-17	
1,1,2,2-Tetrachloroethane	Isopropylbenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichloropropane	Bromobenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
ND	1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
C-Chlorotoluene	1,2,3-Trichloropropane	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
2-Chlorotoluene	n-Propylbenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,3,5-Trimethylbenzene		ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Itert-Butylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,4-Trimethylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 sec-Butylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,3-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 p-Isopropyltoluene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 n-Butylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0044 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 <td>4-Chlorotoluene</td> <td>ND</td> <td>0.00088</td> <td>EPA 8260C</td> <td>10-6-17</td> <td>10-6-17</td> <td></td>	4-Chlorotoluene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
Sec-Butylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,3-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 ND 0.00088 EPA 8260C 10-	ert-Butylbenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,3-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 p-Isopropyltoluene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 n-Butylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0044 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134	1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,3-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 p-Isopropyltoluene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,4-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 n-Butylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0044 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134	sec-Butylbenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,4-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 n-Butylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0044 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134		ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,4-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 n-Butylbenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2-Dibromo-3-chloropropane ND 0.0044 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134	p-Isopropyltoluene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
ND 0.00088 EPA 8260C 10-6-17		ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromo-3-chloropropane ND 0.0044 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134	1,2-Dichlorobenzene	ND	0.00088	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromo-3-chloropropane ND 0.0044 EPA 8260C 10-6-17 10-6-17 1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134		ND			10-6-17	10-6-17	
1,2,4-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134	<u>-</u>						
Hexachlorobutadiene ND 0.0044 EPA 8260C 10-6-17 10-6-17 Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134							
Naphthalene ND 0.00088 EPA 8260C 10-6-17 10-6-17 1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134	• •						
1,2,3-Trichlorobenzene ND 0.00088 EPA 8260C 10-6-17 10-6-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134							
Surrogate: Percent Recovery Control Limits Dibromofluoromethane 94 73-134	•						
Dibromofluoromethane 94 73-134					-	•	
	_	-					
1010UCHC-UO 101 01-124	Toluene-d8	101	81-124				
4-Bromofluorobenzene 102 80-131							

Date of Report: October 12, 2017 Samples Submitted: October 2, 2017 Laboratory Reference: 1710-010 Project: 4082-039-01

TOTAL METALS EPA 6010C/6020A

Matrix: Soil

Units: mg/kg (ppm)

			Date	Date	
Result	PQL	EPA Method	Prepared	Analyzed	Flags
40.040.04					
FL358-MW1-0-0.5					
ND	2.9	6020A	10-6-17	10-10-17	
ND	5.8	6010C	10-6-17	10-6-17	
10-010-02					
FL358-MW1-0.5-1					
ND	2.8	6020A	10-6-17	10-10-17	
ND	5.7	6010C	10-6-17	10-6-17	
10-010-10					
FL358-MW2-0-0.5					
ND	2.8	6020A	10-6-17	10-10-17	
ND	5.6	6010C	10-6-17	10-6-17	
10-010-11					
FL358-MW2-0.5-1					
ND	2.8	6020A	10-6-17	10-10-17	
ND	5.5	6010C	10-6-17	10-6-17	
	10-010-01 FL358-MW1-0-0.5 ND ND 10-010-02 FL358-MW1-0.5-1 ND ND 10-010-10 FL358-MW2-0-0.5 ND ND 10-010-11 FL358-MW2-0.5-1 ND	10-010-01 FL358-MW1-0-0.5 ND 2.9 ND 5.8 10-010-02 FL358-MW1-0.5-1 ND 2.8 ND 5.7 10-010-10 FL358-MW2-0-0.5 ND 2.8 ND 5.6	10-010-01 FL358-MW1-0-0.5 ND 2.9 6020A ND 5.8 6010C 10-010-02 FL358-MW1-0.5-1 ND 2.8 6020A ND 5.7 6010C 10-010-10 FL358-MW2-0-0.5 ND 2.8 6020A ND 5.6 6010C	Result PQL EPA Method Prepared 10-010-01 FL358-MW1-0-0.5 10-6-17 10-6-17 ND 2.9 6020A 10-6-17 ND 5.8 6010C 10-6-17 10-010-02 FL358-MW1-0.5-1 2.8 6020A 10-6-17 ND 5.7 6010C 10-6-17 10-010-10 FL358-MW2-0-0.5 2.8 6020A 10-6-17 ND 5.6 6010C 10-6-17 10-010-11 FL358-MW2-0.5-1 4000 10-6-17 ND 2.8 6020A 10-6-17	Result PQL EPA Method Prepared Analyzed 10-010-01 FL358-MW1-0-0.5 10-6-17 10-10-17 ND 2.9 6020A 10-6-17 10-10-17 ND 5.8 6010C 10-6-17 10-6-17 ND 2.8 6020A 10-6-17 10-10-17 ND 5.7 6010C 10-6-17 10-6-17 10-010-10 FL358-MW2-0-0.5 8 6020A 10-6-17 10-10-17 ND 5.6 6010C 10-6-17 10-6-17 10-010-11 FL358-MW2-0.5-1 10-6-17 10-6-17 10-10-17

Project: 4082-039-01

NWTPH-Gx QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1005S1					
Gasoline	ND	5.0	NWTPH-Gx	10-5-17	10-5-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	93	63-124				

					Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	10-01	10-03								
	ORIG	DUP								
Gasoline	ND	ND	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						95 96	63-124			

Project: 4082-039-01

NWTPH-Dx QUALITY CONTROL

Matrix: Soil

Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						_
Laboratory ID:	MB1005S1					
Diesel Range Organics	ND	25	NWTPH-Dx	10-5-17	10-5-17	
Lube Oil Range Organics	ND	50	NWTPH-Dx	10-5-17	10-5-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	89	50-150				

					Source	Percent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	10-0	08-01								
	ORIG	DUP								
Diesel Fuel #2	28500	21200	NA	NA		NA	NA	29	NA	
Lube Oil Range	ND	ND	NA	NA		NA	NA	NA	NA	U1
Surrogate:										
o-Terphenyl							50-150			S,S

Project: 4082-039-01

VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1006S2					
Dichlorodifluoromethane	ND	0.0020	EPA 8260C	10-6-17	10-6-17	
Chloromethane	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Bromomethane	ND	0.0013	EPA 8260C	10-6-17	10-6-17	
Chloroethane	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Acetone	ND	0.010	EPA 8260C	10-6-17	10-6-17	
lodomethane	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
Carbon Disulfide	ND	0.0015	EPA 8260C	10-6-17	10-6-17	
Methylene Chloride	ND	0.010	EPA 8260C	10-6-17	10-6-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
2-Butanone	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Chloroform	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Benzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
Toluene	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	

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VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1006S2					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
2-Hexanone	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Ethylbenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-6-17	10-6-17	
o-Xylene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Styrene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Bromoform	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,2-Dibromo-3-chloropropane		0.0050	EPA 8260C	10-6-17	10-6-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-6-17	10-6-17	
Naphthalene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-6-17	10-6-17	
Surrogate:	Percent Recovery	Control Limits	L1 /1 02000	10 0-17	10 0-11	
Dibromofluoromethane	101	73-134				
Toluene-d8	106	73-13 4 81-124				
i Oluei le-uo	100	01-124				

4-Bromofluorobenzene

80-131

103

Project: 4082-039-01

VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1010S1					
Dichlorodifluoromethane	ND	0.0022	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	0.0065	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Acetone	ND	0.010	EPA 8260C	10-10-17	10-10-17	
lodomethane	ND	0.0069	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	0.010	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
2-Butanone	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	

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VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1010S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-10-17	10-10-17	
o-Xylene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropane		0.0050	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits	,	10 10 17	10 10 17	
Dibromofluoromethane	90	73-134				
Toluene-d8	95	81-124				
4-Bromofluorobenzene	104	80-131				
+ DIGITIONIGOTODENZENE	104	00-131				

Project: 4082-039-01

VOLATILES EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	06S2								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0437	0.0443	0.0500	0.0500	87	89	66-127	1	15	
Benzene	0.0447	0.0469	0.0500	0.0500	89	94	76-122	5	15	
Trichloroethene	0.0415	0.0407	0.0500	0.0500	83	81	78-120	2	15	
Toluene	0.0441	0.0453	0.0500	0.0500	88	91	83-120	3	15	
Chlorobenzene	0.0475	0.0494	0.0500	0.0500	95	99	81-120	4	15	
Surrogate:										
Dibromofluoromethane					103	99	73-134			
Toluene-d8					104	98	81-124			
4-Bromofluorobenzene					102	100	80-131			

Project: 4082-039-01

VOLATILES EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	10S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0526	0.0526	0.0500	0.0500	105	105	66-127	0	15	
Benzene	0.0574	0.0577	0.0500	0.0500	115	115	76-122	1	15	
Trichloroethene	0.0393	0.0392	0.0500	0.0500	79	78	78-120	0	15	
Toluene	0.0536	0.0521	0.0500	0.0500	107	104	83-120	3	15	
Chlorobenzene	0.0464	0.0460	0.0500	0.0500	93	92	81-120	1	15	
Surrogate:										
Dibromofluoromethane					85	91	73-134			
Toluene-d8					95	96	81-124			
4-Bromofluorobenzene					103	103	80-131			

Project: 4082-039-01

TOTAL METALS EPA 6010C/6020A METHOD BLANK QUALITY CONTROL

Date Extracted: 10-6-17
Date Analyzed: 10-6&10-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: MB1006SM1

Analyte	Method	Result	PQL
Arsenic	6020A	ND	2.5
Lead	6010C	ND	5.0

Project: 4082-039-01

TOTAL METALS EPA 6010C/6020A DUPLICATE QUALITY CONTROL

Date Extracted: 10-6-17
Date Analyzed: 10-6&10-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-010-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	2.5	
Lead	ND	ND	NA	5.0	

Project: 4082-039-01

TOTAL METALS EPA 6010C/6020A MS/MSD QUALITY CONTROL

Date Extracted: 10-6-17

Date Analyzed: 10-6&10-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-010-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	94.8	95	94.8	95	0	
Lead	250	227	91	228	91	1	

Date of Report: October 12, 2017 Samples Submitted: October 2, 2017 Laboratory Reference: 1710-010 Project: 4082-039-01

% MOISTURE

Date Analyzed: 10-6&9-17

Client ID	Lab ID	% Moisture
FL358-MW1-0-0.5	10-010-01	13
FL358-MW1-0.5-1	10-010-02	12
FL358-MW1-1.5-2.5	10-010-03	13
FL358-MW1-5-6	10-010-04	16
FL358-MW1-12-13	10-010-06	18
FL358-MW1-19-20	10-010-08	10
FL358-MW2-0-0.5	10-010-10	10
FL358-MW2-0.5-1	10-010-11	9
FL358-MW2-1.5-2.5	10-010-12	13
FL358-MW2-9-10	10-010-14	13
FL358-MW2-13-14	10-010-16	8



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical ______.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



		(THE	
14648 NE 95th Street - Redmond WA 98	Analytical Laboratory Testing Services	Environmental Inc.	Ollow	

Chain of Custody

Page of

Reviewed/Date	Received	Relinquished	Received	Relinquished	deceived	delinquished	Signature)	0 FL358 - MWJ-0-05	1 FL358 - MW 1-24-25	FL358-MW1-19-20	7 FL358 - MW1-13-14	6 FL358 - MW1-12-13	5 FL358 - MWI -9-10	1 FL358-MW1-5-6	3 FL358-MW1-1,5-2,5	2 FL358 MW1-0,5-1	FL358 -MW - 0-0.5	b ID Sample Identification	ampied by: CJG/	Marsi Belson	roject Name: Sound Transit Phase !	1082-039-01	ompany: SH		14648 NE 95th Street • Redmond, WA 98052
Reviewed/Date					(Brillott	000	Company	♦ 345 ♦	1035	1025	1020	1015	1010	1005	1000	52%	10/2/17 9SD Soil	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days) (1PH analysis 5 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	(in working days)
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					4511 LIIZPA	S) SI EIMIN	Date Time			*		*		メメ	×××			NWTF NWTF Volatil Halog	PH-Dx (es 826 enated	☐ Acid	1 / SG Cl es 82600 ers Only				Laboratory Number:
Chromatograms with final report Electronic Data Deliverables (EDDs)	Data Package: Standard ☐ Level III ☐ Level IV ☐		7	As - 5 ms/kg		X-Added 10/3/17. DB (STA)	Comments/Special Instructions	×								×	×	(with I PAHs PCBs Organ Organ Chlori Total F Total N TCLP	ow-lev 8270D 8082A 8082A oochlori ophosi nated / WITCA I Metals	ohorus Acid He Wetals Wetals grease		081B es 8270 8151A	ID/SIM		70-010
hand.								X		X		X		X	X	X	X	% Moi	sture						

Environmental Inc. Analytical Laboratory Testing Services 14648 NE 95th Street: Redmond, WA 980

Chain of Custody

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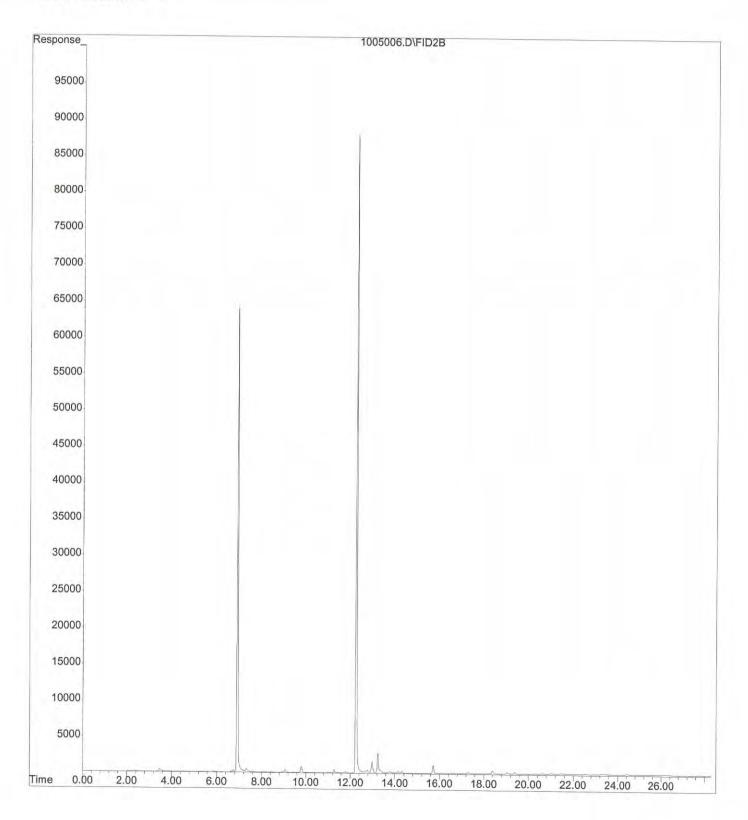
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	5,1	e) 1664A			erbicides	Pesticid	ticides 8		ow-level)	s)	ters Only D/SIM	es 82600	المعارية المارية	d/SGC				ners	/s)	Standard (7 Days) (TPH analysis 5 Days)	X	Project Manager: Sound Trains + Physic II	- n
	b				8151A)			ean-up)				'S	3 Days	2 Days		408-039-0)	1 -
						D/SIM												,] 1 Day	Same Day		Company: GF	1 0
	010	0	_	-				4		-	- 3	be	- lur	Laboratory Number:	ratc	abo			s)	(in working days)		Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	

File : X:\BTEX\DARYL\DATA\D171005\1005006.D

Operator :

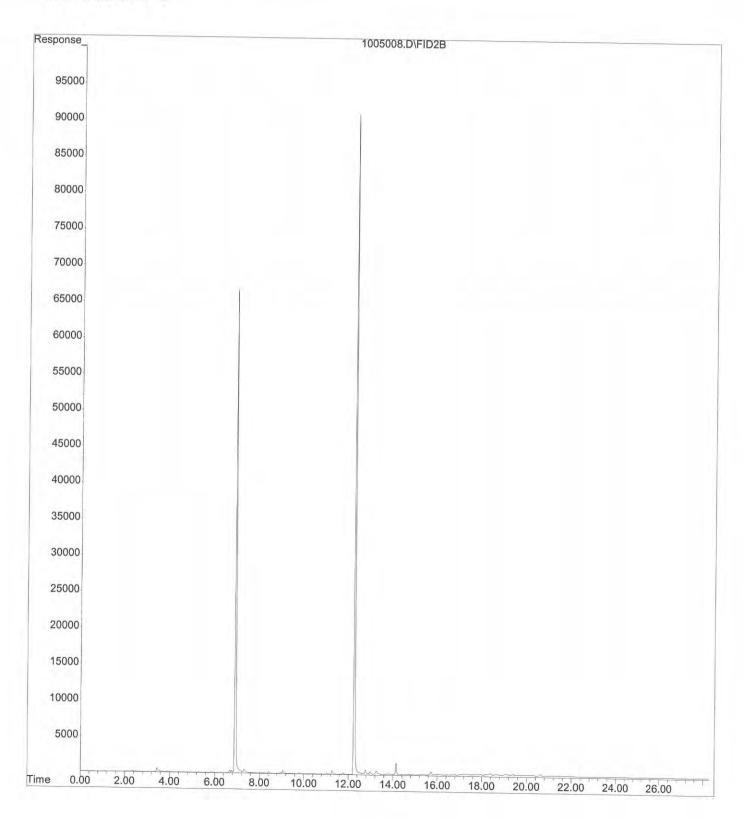
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Instrument : Daryl Sample Name: 10-010-03s



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Operator :
Acquired : 5 Oct 2017 16:43 using AcqMetho using AcqMethod 170826B3.M

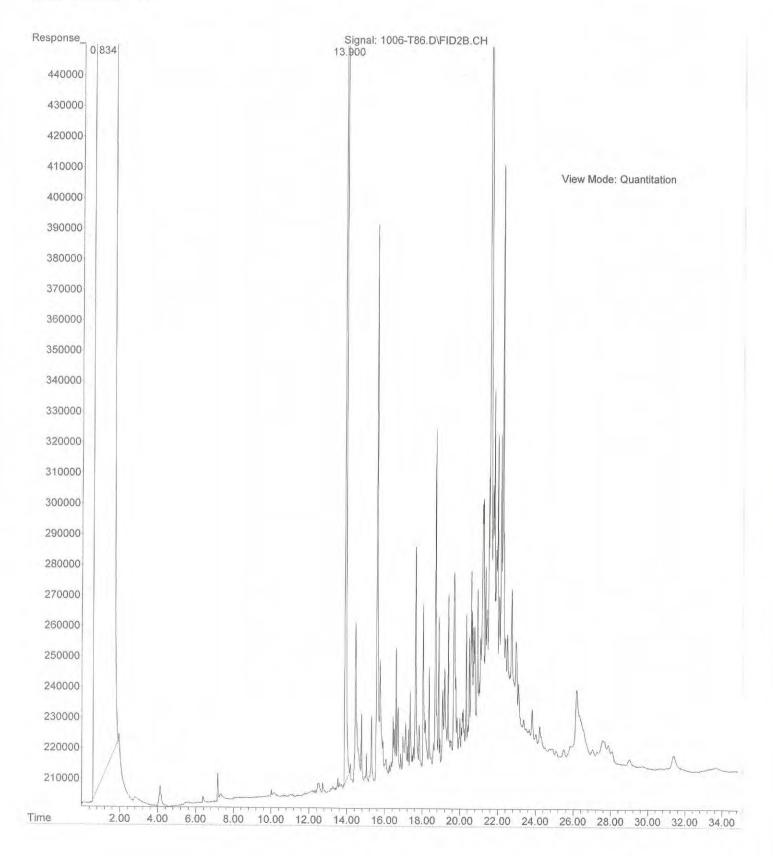
Instrument : Daryl Sample Name: 10-010-04s



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Operator : ZT
Acquired : 08 Oct 2017 4:05 using AcqMethod T161216F.M

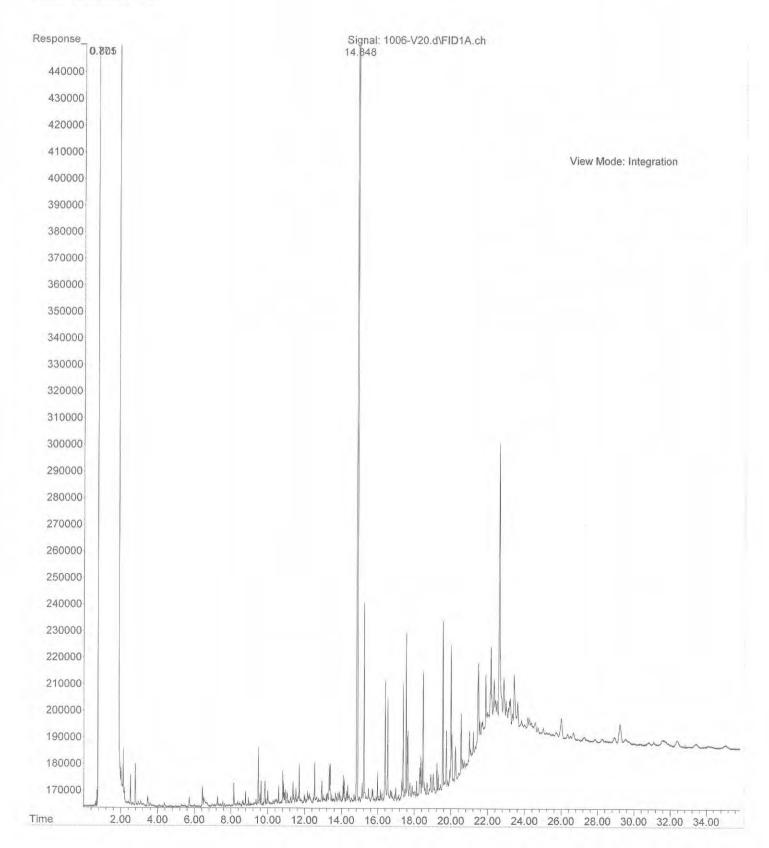
Instrument : Teri Sample Name: 10-010-03



File :C:\msdchem\2\data\V171006\1006-V20.d

Operator :
Acquired : 6 Oct 2017 21:48 using AcqMethod V170928F.M

Instrument : Vigo Sample Name: 10-010-04





14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 11, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-083

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 6, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures



Project: 4082-039-01

Case Narrative

Samples were collected on October 6, 2017 and received by the laboratory on October 6, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
FL358-MW2-20171006	10-083-01	Water	10-6-17	10-6-17	
FL358-MW1-20171006	10-083-02	Water	10-6-17	10-6-17	
FL358-MW4-20171006	10-083-03	Water	10-6-17	10-6-17	

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW2-20171006					
Laboratory ID:	10-083-01					
Dichlorodifluoromethane	ND	0.39	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Acetone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Iodomethane	ND	1.4	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethen	e ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	1.0	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Butanone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	4.5	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	. ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloroprope	ne ND	0.20	EPA 8260C	10-10-17	10-10-17	

Project: 4082-039-01

VOLATILES EPA 8260C

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID: F	L358-MW2-20171006					
Laboratory ID:	10-083-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-10-17	10-10-17	
o-Xylene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropar	ne ND	1.0	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	1.3	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	77-129				
T. I. 10	20	00.407				

Toluene-d8

4-Bromofluorobenzene

80-127

78-125

99

99

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW1-20171006					
Laboratory ID:	10-083-02					
Dichlorodifluoromethane	ND	0.39	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Acetone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Iodomethane	ND	1.4	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethen	e ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	1.0	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	0.61	0.20	EPA 8260C	10-10-17	10-10-17	
2-Butanone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	1.0	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	4.5	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	. ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloroprope	ne ND	0.20	EPA 8260C	10-10-17	10-10-17	

Project: 4082-039-01

VOLATILES EPA 8260C

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID: FL	_358-MW1-20171006					
Laboratory ID:	10-083-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	0.21	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-10-17	10-10-17	
o-Xylene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropan	e ND	1.0	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	1.3	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	77-129				

 Dibromofluoromethane
 99
 77-129

 Toluene-d8
 98
 80-127

 4-Bromofluorobenzene
 98
 78-125

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW4-20171006					
Laboratory ID:	10-083-03					
Dichlorodifluoromethane	ND	0.39	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Acetone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Iodomethane	ND	1.4	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethene	e ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	1.0	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	0.34	0.20	EPA 8260C	10-10-17	10-10-17	
2-Butanone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	4.5	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloroproper	ne ND	0.20	EPA 8260C	10-10-17	10-10-17	

Project: 4082-039-01

VOLATILES EPA 8260C

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID: F	L358-MW4-20171006	;				
Laboratory ID:	10-083-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-10-17	10-10-17	
o-Xylene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropar	ne ND	1.0	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	1.3	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	77-129				
T / 10	20	00.407				

W

4-Bromofluorobenzene

Toluene-d8

80-127

78-125

98

98

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1010W1					
Dichlorodifluoromethane	ND	0.39	EPA 8260C	10-10-17	10-10-17	
Chloromethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroethane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Acetone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Iodomethane	ND	1.4	EPA 8260C	10-10-17	10-10-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Vinyl Acetate	ND	1.0	EPA 8260C	10-10-17	10-10-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Butanone	ND	5.0	EPA 8260C	10-10-17	10-10-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chloroform	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Benzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Trichloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Dibromomethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chloroethyl Vinyl Ether	ND	4.5	EPA 8260C	10-10-17	10-10-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Toluene	ND	1.0	EPA 8260C	10-10-17	10-10-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-10-17	10-10-17	

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1010W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Hexanone	ND	2.0	EPA 8260C	10-10-17	10-10-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-10-17	10-10-17	
o-Xylene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Styrene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromoform	ND	1.0	EPA 8260C	10-10-17	10-10-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Bromobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-10-17	10-10-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Naphthalene	ND	1.3	EPA 8260C	10-10-17	10-10-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-10-17	10-10-17	
Surrogate:	Percent Recovery					
		,-				

Dibromofluoromethane 97 77-129
Toluene-d8 97 80-127
4-Bromofluorobenzene 98 78-125

Project: 4082-039-01

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Water Units: ug/L

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	10W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.7	10.3	10.0	10.0	107	103	63-127	4	17	
Benzene	10.9	10.9	10.0	10.0	109	109	76-121	0	12	
Trichloroethene	9.72	9.47	10.0	10.0	97	95	64-120	3	15	
Toluene	10.5	10.3	10.0	10.0	105	103	82-120	2	13	
Chlorobenzene	10.3	10.0	10.0	10.0	103	100	80-120	3	14	
Surrogate:										
Dibromofluoromethane					92	95	77-129			
Toluene-d8					97	96	80-127			
4-Bromofluorobenzene					96	97	78-125			



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical ______.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference





Chain of Custody

Page	
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of	

Chromatograms with final report \square Electronic Data Deliverables (EDDs) \square			Date	Reviewed/Date	Reviewed/Date
Data Package: Standard ☐ Level III ☐ Level IV ☐					Received
					Relinquished
					Received
					Relinquished
	3148D	51-9-01	Et !	Onsit	Received
@ Added 10/9/17. 28 (5 day TAT	7 1400	10/6/17		G.F.	Relinquished (90m
Comments/Special Instructions	Time	Date		Company	Signature
	E		4	₩ 03S	3 FL358-MW4-20171006
	(1110	
	8		water 4	10/10/17 938	1 Fl358-MW2-20171006
(with I PAHs PCBs Organ Organ Chlori Total I TCLP	Volatil Halog EDB E	NWTF NWTF	Matrix	Date Time Sampled Sampled	Lab ID Sample Identification
iow-le 8270I 8082: a 8	les 82 enate EPA 80	PH-Gx PH-Gx		(other)	26/RC
Arine Persphorus Acid H Metals Metals	60C d Volati 011 (Wa	/BTEX	DA45 Contai	× 5 24	Mars Beson
(s) ow-level) sticides 8 Pesticid erbicides	d / SG C			Standard (7 Days) (TPH analysis 5 Days)	Project Manager: 20 Projec
081B es 8270 8151A)		3 Days	2 Days	4082-039-01
)		☐ 1 Day	Same Day	Company:
			ne)	(Check One)	
10-083	ry Number:	Laboratory N	equest days)	Turnaround Request (In working days)	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 16, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-105

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 9, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 4082-039-01

Case Narrative

Samples were collected on October 9, 2017 and received by the laboratory on October 9, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
FL358-MW3-20171009	10-105-01	Water	10-9-17	10-9-17	
DUP-20171009	10-105-02	Water	10-9-17	10-9-17	
RIN-Poly-20171009	10-105-03	Water	10-9-17	10-9-17	
RIN-WLI-20171009	10-105-04	Water	10-9-17	10-9-17	

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW3-20171009					
Laboratory ID:	10-105-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Iodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene	e ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloroprope	ne ND	0.20	EPA 8260C	10-13-17	10-13-17	

Project: 4082-039-01

VOLATILES EPA 8260C

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID: FI	L358-MW3-20171009)				
Laboratory ID:	10-105-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropan	e ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	89	77-129				
Toluene-d8	95	80-127				

4-Bromofluorobenzene

78-125

99

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	DUP-20171009					
Laboratory ID:	10-105-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Iodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	DUP-20171009					
Laboratory ID:	10-105-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	01	77-120				

Surrogate: Percent Recovery Control Limit Dibromofluoromethane 91 77-129
Toluene-d8 96 80-127
4-Bromofluorobenzene 99 78-125



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	RIN-Poly-20171009					
Laboratory ID:	10-105-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	_
Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
lodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloropropend	e ND	0.20	EPA 8260C	10-13-17	10-13-17	

Data

Date

Date of Report: October 16, 2017 Samples Submitted: October 9, 2017 Laboratory Reference: 1710-105

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	RIN-Poly-20171009					
Laboratory ID:	10-105-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropan	e ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	85	77-129				
Toluene-d8	93	80-127				

4-Bromofluorobenzene

78-125

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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	RIN-WLI-20171009					
Laboratory ID:	10-105-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Iodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloropropend	e ND	0.20	EPA 8260C	10-13-17	10-13-17	

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A L	5	DOL	BB - 41 1	Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
	RIN-WLI-20171009					
Laboratory ID:	10-105-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropan		1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits	217102000	10 10 17	10 10 17	
Dibromofluoromethane	86	77-129				
Toluene-d8		80-127				
ı oluene-ax	93	80-127				

Toluene-d8 80-127 99 78-125 4-Bromofluorobenzene



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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1013W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
lodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1013W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits				

Surrogate:	Percent Recovery	Control Limits
Dibromofluoromethane	88	77-129
Toluene-d8	94	80-127
4-Bromofluorobenzene	99	78-125



Project: 4082-039-01

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Water Units: ug/L

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	13W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.21	9.36	10.0	10.0	92	94	63-127	2	17	
Benzene	9.76	10.2	10.0	10.0	98	102	76-121	4	12	
Trichloroethene	9.02	9.05	10.0	10.0	90	91	64-120	0	15	
Toluene	9.67	9.94	10.0	10.0	97	99	82-120	3	13	
Chlorobenzene	9.75	10.1	10.0	10.0	98	101	80-120	4	14	
Surrogate:										
Dibromofluoromethane					85	86	77-129			
Toluene-d8					94	94	80-127			
4-Bromofluorobenzene					97	99	78-125			



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical _____.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit RPD - Relative Percent Difference





Chain of Custody

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Chromatograms with final report $\hfill \square$ Electronic Data Deliverables (EDDs) $\hfill \square$				d/Date	Reviewed/Date	Reviewed/Date	D
Data Package: Standard ☐ Level III ☐ Level IV ☐						Received	30
						Relinquished	70
						Received	מב
						Relinquished	70
	1600	10/9/17		Se Se	0	Received	D.
8 Added 10/1, 12, 23 (5 dous)		11/9/01			10	Relinquished C. L. L.	æ
Comments/Special Instructions	Time	Date			Company	Signature	
	3		4	4	V 937	4 PIN-WLI-2017 (UCA)	4
	⊗		4	0	936	3 PIN-POLY-20171009	1,1
	8		4	8	SSS	2 DWP-30171009	H
	8		4	Wester	10/9/17 935	1 FL358-MW3-20171009	
(with I PAHs PCBs Organ Organ Chlori Total I TCLP	Halog EDB E	NWTF		ed Matrix	Date Time Sampled Sampled	Lab ID Sample Identification	Lab
ow-lev 8270D. 8082A lochlor lophosi nated / WTCA I Metals (oil and	PA 80	H-Gx/PH-Gx	er of ((other)	(ot	Sampled by: UG/PC	Sar
ohorus Acid He Metals	Volatile	BTEX	Contain	SE	10 × 10	Marsi Belson	7
	es 82600 ers Only	1/SG C	ers	ays) 5 Days)	Standard (7 Days) (TPH analysis 5 Days)	Sound Transit Phase !!	Pro
081B es 8270 8151A		ean-up)		3 Days	2 Days	7082-039-01	Pro
D/SIM				1 Day	Same Day	Company: GE	Cor
10-100	Laboratory Number:	aborator		y days)	(In working days)	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 13, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-028

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 3, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 4082-039-01

Case Narrative

Samples were collected on October 3, 2017 and received by the laboratory on October 3, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
FL358-MW3-0-0.5	10-028-01	Soil	10-3-17	10-3-17	
FL358-MW3-0.5-1	10-028-02	Soil	10-3-17	10-3-17	
FL358-MW3-4-5	10-028-03	Soil	10-3-17	10-3-17	
FL358-MW3-7-8	10-028-04	Soil	10-3-17	10-3-17	
FL358-MW3-11-12	10-028-05	Soil	10-3-17	10-3-17	
FL358-MW4-0-0.5	10-028-08	Soil	10-3-17	10-3-17	
FL358-MW4-0.5-1	10-028-09	Soil	10-3-17	10-3-17	
FL358-MW4-6.5-7.5	10-028-11	Soil	10-3-17	10-3-17	
FL358-MW4-8.5-9.5	10-028-12	Soil	10-3-17	10-3-17	

Project: 4082-039-01

VOLATILES EPA 8260C Page 1 of 2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW3-4-5					
Laboratory ID:	10-028-03					
Dichlorodifluoromethane	ND	0.0023	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0065	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Acetone	0.012	0.0048	EPA 8260C	10-11-17	10-11-17	
lodomethane	ND	0.0071	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
2-Butanone	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	

Project: 4082-039-01

VOLATILES EPA 8260C Page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW3-4-5					
Laboratory ID:	10-028-03					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Tetrachloroethene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,3-Dichloropropane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
2-Hexanone	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
m,p-Xylene	ND	0.0019	EPA 8260C	10-11-17	10-11-17	
o-Xylene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Styrene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Bromoform	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Isopropylbenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Bromobenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
n-Propylbenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
4-Chlorotoluene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
p-Isopropyltoluene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane		0.0048	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Hexachlorobutadiene	ND	0.0048	EPA 8260C	10-11-17	10-11-17	
Naphthalene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260C	10-11-17	10-11-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	120	73-134				
Toluene-d8	117	81-124				
4-Bromofluorobenzene	114	80-131				
. D. SITIONAGIODGIIZGIIG	117	00 101				

Project: 4082-039-01

VOLATILES EPA 8260C Page 1 of 2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW3-7-8					
Laboratory ID:	10-028-04					
Dichlorodifluoromethane	ND	0.0021	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0061	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Acetone	0.10	0.0045	EPA 8260C	10-11-17	10-11-17	
Iodomethane	ND	0.0066	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
2-Butanone	0.015	0.0045	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW3-7-8					
Laboratory ID:	10-028-04					
1,1,2-Trichloroethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Tetrachloroethene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,3-Dichloropropane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
2-Hexanone	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
m,p-Xylene	ND	0.0018	EPA 8260C	10-11-17	10-11-17	
o-Xylene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Styrene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Bromoform	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
Isopropylbenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Bromobenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
n-Propylbenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
4-Chlorotoluene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
p-Isopropyltoluene	0.0014	0.00089	EPA 8260C	10-11-17	10-11-17	
1,4-Dichlorobenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Hexachlorobutadiene	ND	0.0045	EPA 8260C	10-11-17	10-11-17	
Naphthalene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene	ND	0.00089	EPA 8260C	10-11-17	10-11-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	124	73-134				
Toluene-d8	121	81-124				
4-Bromofluorobenzene	118	80-131				

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW3-11-12					
Laboratory ID:	10-028-05					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0053	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0039	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Acetone	0.044	0.0039	EPA 8260C	10-11-17	10-11-17	
Iodomethane	ND	0.0057	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	0.0012	0.00078	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0039	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0039	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
2-Butanone	0.0078	0.0039	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0039	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0039	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0039	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	e ND	0.00078	EPA 8260C	10-11-17	10-11-17	

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Analyte Result PQL Method Prepared Analyzed Client ID: FL358-MW3-11-12 Laboratory ID: 10-028-05 1,2-Trichloroethane ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,1,2-Trichloroethane ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,3-Dichloropropane ND 0.00078 EPA 8260C 10-11-17 10-11-17 2-Hexanone ND 0.00078 EPA 8260C 10-11-17 10-11-17 1-bibromochloromethane ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromoethane ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromoethane ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Tetrachloroethane ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.00078 EPA 8260C 10	
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2-Chlorotoluene ND 0.00078 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.00078 EPA 8260C 10-11-17 10	
2-Chlorotoluene ND 0.00078 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.00078 EPA 8260C 10-11-17 10-11-17	
1,3,5-Trimethylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 dert-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 0-Isopropyltoluene 0.0029 0.00078 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.00039 EPA 8260C 10-11-17 10-11-17	
tert-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.00078 EPA 8260C 10-11-17	
1,2,4-Trimethylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene 0.0029 0.00078 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
sec-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene 0.0029 0.00078 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
1,3-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene 0.0029 0.00078 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
1,3-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene 0.0029 0.00078 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
1,4-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
n-Butylbenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
1,2-Dibromo-3-chloropropane ND 0.0039 EPA 8260C 10-11-17 10-11-17	
1,2, 1 -1110110100061126116	
Hexachlorobutadiene ND 0.0039 EPA 8260C 10-11-17 10-11-17	
Naphthalene ND 0.00078 EPA 8260C 10-11-17 10-11-17	
1,2,3-Trichlorobenzene ND 0.00078 EPA 8260C 10-11-17 10-11-17	
Surrogate: Percent Recovery Control Limits	
Dibromofluoromethane 127 73-134	
Toluene-d8 120 81-124	
4-Bromofluorobenzene 114 80-131	

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW4-6.5-7.5					
Laboratory ID:	10-028-11					
Dichlorodifluoromethane	ND	0.0024	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0069	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0051	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Acetone	0.29	0.0051	EPA 8260C	10-11-17	10-11-17	
lodomethane	ND	0.0075	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	0.0012	0.0010	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0051	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0051	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Butanone	0.056	0.0051	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0051	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropen	e ND	0.0010	EPA 8260C	10-11-17	10-11-17	

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Chient ID: 10-028-11 10-028-11 10-028-11 1,12-Trichloroethane ND 0.0010 EPA 8260C 10-11-17					Date	Date	
Aboratory D: 10-028-11 10-028-11 1,12-Trichloroethane ND	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
1,1.2-Trichloroethane	Client ID:	FL358-MW4-6.5-7.5					
Fetrachloroethene	Laboratory ID:	10-028-11					
3.3-Dichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11	1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Part	Tetrachloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-1	1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
	2-Hexanone	ND	0.0051	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1.1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-12-17 1	Dibromochloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1,2-Tetrachloroethane	1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene	Chlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
n,p-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0051 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0051 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0051 EPA 8260C 10-11-17 10-11-17 ND 0.0051 EPA 8260C 10-11-17 10-11-17 ND-11-17	1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND 0.0010 EPA 8260C 10-11-17 10-11	Ethylbenzene	0.0022	0.0010	EPA 8260C	10-11-17	10-11-17	
Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-	m,p-Xylene	ND	0.0020	EPA 8260C	10-11-17	10-11-17	
Aromoform ND 0.0051 EPA 8260C 10-11-17 10-11-17 sopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 10-12-17	o-Xylene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Sopropy benzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 10-11-17 10-11-17 10-12-17	Styrene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Stromobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 10-12-17 1,2,2-Tetrachloroethane ND 0.065 EPA 8260C 10-12-17 10-12	Bromoform	ND	0.0051	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane	Isopropylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
ND	Bromobenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
ND	1,1,2,2-Tetrachloroethane	ND	0.065	EPA 8260C	10-12-17	10-12-17	
Part	1,2,3-Trichloropropane	ND	0.065	EPA 8260C	10-12-17	10-12-17	
Chorotoluene ND 0.065 EPA 8260C 10-12-17 10	n-Propylbenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
3,5-Trimethylbenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 3,2-4-Trimethylbenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 4,4-Trimethylbenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 5,3-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 5,4-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 5,2-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 6,2-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 7,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-12-17 10-12-17 8,2-Trichlorobenzene ND 0.32 EPA 8260C 10-12-17 10-12-17 8,2-Trichlorobenzene ND 0.32 EPA 8260C 10-12-17 10-12-17 8,2-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 9,2-Trichlorobenzene ND	2-Chlorotoluene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
ert-Butylbenzene ND 0.065 EPA 8260C 10-12-17 10-	4-Chlorotoluene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
1,2,4-Trimethylbenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,2-Dibromo-3-chloropropane ND 0.065 EPA 8260C 10-12-17 10-12-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-12-17 10-12-17 1,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 10-12-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-12-17 10-12-17 10-12-17 Naphthalene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 10-12-17 10-12-17 10-12-17	1,3,5-Trimethylbenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
ND 0.065 EPA 8260C 10-12-17 10-12-	tert-Butylbenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
1,3-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,4-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,2-Dichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,2-Dibromo-3-chloropropane ND 0.065 EPA 8260C 10-12-17 10-12-17 1,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-12-17 10-12-17 1,2-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 10-12-17 10-12-17 10-12-17 10-12-17 10	1,2,4-Trimethylbenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
ND 0.065 EPA 8260C 10-12-17 10-12-	sec-Butylbenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
,4-Dichlorobenzene	1,3-Dichlorobenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
1,2-Dichlorobenzene	p-Isopropyltoluene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
ND 0.065 EPA 8260C 10-12-17 10-12-	1,4-Dichlorobenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
I,2-Dibromo-3-chloropropane ND 0.32 EPA 8260C 10-12-17 10-12-17 I,2,4-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 Hexachlorobutadiene ND 0.32 EPA 8260C 10-12-17 10-12-17 Naphthalene ND 0.065 EPA 8260C 10-12-17 10-12-17 I,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 125 73-134	1,2-Dichlorobenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
1,2,4-Trichlorobenzene	n-Butylbenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
Hexachlorobutadiene ND 0.32 EPA 8260C 10-12-17 10-12-17 Naphthalene ND 0.065 EPA 8260C 10-12-17 10-12-17 J.2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 125 73-134	1,2-Dibromo-3-chloropropan	e ND	0.32	EPA 8260C	10-12-17	10-12-17	
Naphthalene ND 0.065 EPA 8260C 10-12-17 10-12-17 1,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 125 73-134	1,2,4-Trichlorobenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
,2,3-Trichlorobenzene ND 0.065 EPA 8260C 10-12-17 10-12-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 125 73-134	Hexachlorobutadiene	ND	0.32	EPA 8260C	10-12-17	10-12-17	
Surrogate: Percent Recovery Control Limits Dibromofluoromethane 125 73-134	Naphthalene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
Dibromofluoromethane 125 73-134	1,2,3-Trichlorobenzene	ND	0.065	EPA 8260C	10-12-17	10-12-17	
	Surrogate:	Percent Recovery	Control Limits				
^r oluene-d8 117 81-124	Dibromofluoromethane	125	73-134				
	Toluene-d8	117	81-124				

4-Bromofluorobenzene

80-131

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FL358-MW4-8.5-9.5					
Laboratory ID:	10-028-12					
Dichlorodifluoromethane	ND	0.0025	EPA 8260C	10-12-17	10-12-17	
Chloromethane	ND	0.0067	EPA 8260C	10-12-17	10-12-17	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-12-17	10-12-17	
Bromomethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Chloroethane	ND	0.0047	EPA 8260C	10-12-17	10-12-17	
Trichlorofluoromethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloroethene	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Acetone	0.029	0.0047	EPA 8260C	10-12-17	10-12-17	
Iodomethane	ND	0.0067	EPA 8260C	10-12-17	10-12-17	
Carbon Disulfide	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Methylene Chloride	ND	0.0047	EPA 8260C	10-12-17	10-12-17	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloroethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Vinyl Acetate	ND	0.0047	EPA 8260C	10-12-17	10-12-17	
2,2-Dichloropropane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
2-Butanone	ND	0.0047	EPA 8260C	10-12-17	10-12-17	
Bromochloromethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Chloroform	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Carbon Tetrachloride	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloropropene	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Benzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
1,2-Dichloroethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Trichloroethene	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
1,2-Dichloropropane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Dibromomethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Bromodichloromethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	10-12-17	10-12-17	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	10-12-17	10-12-17	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	10-12-17	10-12-17	
Toluene	ND	0.0047	EPA 8260C	10-12-17	10-12-17	
(trans) 1,3-Dichloropropen	e ND	0.00094	EPA 8260C	10-12-17	10-12-17	

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					Date		
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags	
Client ID:	FL358-MW4-8.5-9.5						
Laboratory ID:	10-028-12						
1,1,2-Trichloroethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
Tetrachloroethene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,3-Dichloropropane	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
2-Hexanone	ND	0.0047	EPA 8260C	10-12-17	10-12-17		
Dibromochloromethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,2-Dibromoethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
Chlorobenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
Ethylbenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
m,p-Xylene	ND	0.0019	EPA 8260C	10-12-17	10-12-17		
o-Xylene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
Styrene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
Bromoform	ND	0.0047	EPA 8260C	10-12-17	10-12-17		
Isopropylbenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
Bromobenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,2,3-Trichloropropane	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
n-Propylbenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
2-Chlorotoluene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
4-Chlorotoluene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,3,5-Trimethylbenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
ert-Butylbenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,2,4-Trimethylbenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
sec-Butylbenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,3-Dichlorobenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
o-Isopropyltoluene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,4-Dichlorobenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,2-Dichlorobenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
n-Butylbenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,2-Dibromo-3-chloropropan		0.0047	EPA 8260C	10-12-17	10-12-17		
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
Hexachlorobutadiene	ND	0.0047	EPA 8260C	10-12-17	10-12-17		
Naphthalene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260C	10-12-17	10-12-17		
Surrogate:	Percent Recovery	Control Limits					
Dibromofluoromethane	110	73-134					
Toluene-d8	117	81-124					
4-Bromofluorobenzene	126	80-131					

Date of Report: October 13, 2017 Samples Submitted: October 3, 2017 Laboratory Reference: 1710-028 Project: 4082-039-01

TOTAL METALS EPA 6010C/6020A

Matrix: Soil

Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	10-028-01 FL358-MW3-0-0.5					
Arsenic	6.2	2.7	6020A	10-6-17	10-10-17	
Lead	ND	5.3	6010C	10-6-17	10-6-17	
Lab ID:	10-028-02 FL358-MW3-0.5-1					
Arsenic	ND	2.7	6020A	10-6-17	10-10-17	
Lead	ND	5.3	6010C	10-6-17	10-6-17	
Lab ID:	10-028-08 FL358-MW4-0-0.5					
Arsenic	ND	2.8	6020A	10-6-17	10-10-17	
Lead	ND	5.5	6010C	10-6-17	10-6-17	
Lab ID:	10-028-09 FL358-MW4-0.5-1					
Arsenic	ND	2.8	6020A	10-6-17	10-10-17	
Lead	ND	5.5	6010C	10-6-17	10-6-17	

Project: 4082-039-01

VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1011S1					
Dichlorodifluoromethane	ND	0.0024	EPA 8260C	10-11-17	10-11-17	
Chloromethane	ND	0.0068	EPA 8260C	10-11-17	10-11-17	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromomethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Chloroethane	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Acetone	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
lodomethane	ND	0.0074	EPA 8260C	10-11-17	10-11-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Methylene Chloride	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Butanone	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Chloroform	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Benzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Toluene	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	

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VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

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Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromoethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Chlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Brylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 </th <th>Analida</th> <th>Descrit</th> <th>DOI</th> <th>Madhad</th> <th>Date</th> <th>Date</th> <th>51</th>	Analida	Descrit	DOI	Madhad	Date	Date	5 1
1,1,2-Trichloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Tetrachloroethene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Hexanone ND 0.0050 EPA 8260C 10-11-17 10-11-17 2-Hexanone ND 0.0010 EPA 8260C 10-11-17 10-11-17 1-1-1-7 10-11-17 10-11-17 10-11-17 10-11-17 1-1-1-7 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-17 10-11-17 10-11-17 10-11-17 0-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17	Analyte	Result	PQL	Wethod	Prepared	Analyzed	Flags
1,1,2-Trichloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Tetrachloroethene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Hexanone ND 0.0050 EPA 8260C 10-11-17 10-11-17 2-Hexanone ND 0.0010 EPA 8260C 10-11-17 10-11-17 1-1-1-7 10-11-17 10-11-17 10-11-17 10-11-17 1-1-1-7 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-1-17 10-11-17 10-11-17 10-11-17 1-1-17 10-11-17 10-11-17 10-11-17 0-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17	Laboratory ID:	MB1011S1					
1,3-Dichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Hexanone ND 0.0050 EPA 8260C 10-11-17 10-11-17 Dibromochloromethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromoethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Elhylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Mp-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0010 EPA 8260C 10-11-17 10-11-17 Isomorbilization ND 0.0010 EPA 8260C 10-11-			0.0010	EPA 8260C	10-11-17	10-11-17	
2-Hexanone	Tetrachloroethene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Dibromochloromethane	1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromoethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Chlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 L1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0010 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Int,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11	2-Hexanone	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Chlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 mp-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,3-Tifchloropropane ND 0.0010 EPA 8260C 10-11-17 10-11	Dibromochloromethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,1,1,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 m,p-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Pylyblenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 1	1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Ethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 m,p-Xylene ND 0.0020 EPA 8260C 10-11-17 10-11-17 o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0010 EPA 8260C 10-11-17 10-11-17	Chlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
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o-Xylene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C <td>Ethylbenzene</td> <td>ND</td> <td>0.0010</td> <td>EPA 8260C</td> <td>10-11-17</td> <td>10-11-17</td> <td></td>	Ethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 J.2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C	m,p-Xylene	ND	0.0020	EPA 8260C	10-11-17	10-11-17	
Styrene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromoform ND 0.0050 EPA 8260C 10-11-17 10-11-17 Isopropylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010	o-Xylene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Sopropylbenzene ND	Styrene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Bromobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-	Bromoform	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
1,1,2,2-Tetrachloroethane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010	Isopropylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tetr-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tetr-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010	Bromobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
n-Propylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND	1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
2-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND	1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
4-Chlorotoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND <td>n-Propylbenzene</td> <td>ND</td> <td>0.0010</td> <td>EPA 8260C</td> <td>10-11-17</td> <td>10-11-17</td> <td></td>	n-Propylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,3,5-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-4-Trichl	2-Chlorotoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
tert-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 ND 0.0010 EPA 8260C <td>4-Chlorotoluene</td> <td>ND</td> <td>0.0010</td> <td>EPA 8260C</td> <td>10-11-17</td> <td>10-11-17</td> <td></td>	4-Chlorotoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trimethylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0050 EPA 8260C 10-11-17 10-11-17 n-1-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 n-1-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 n-1-17 10-11-17 10-11-17 10-11-17 10-11-17 10-11-17 n-1-17 10-11-17 10-11-17 10-11-1	1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
sec-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery	tert-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,3-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene	1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
p-Isopropyltoluene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	sec-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,4-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
n-Butylbenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2-Dibromo-3-chloropropane ND 0.0050 EPA 8260C 10-11-17 10-11-17 1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	n-Butylbenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,4-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Hexachlorobutadiene ND 0.0050 EPA 8260C 10-11-17 10-11-17 Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Naphthalene ND 0.0010 EPA 8260C 10-11-17 10-11-17 1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,2,4-Trichlorobenzene		0.0010	EPA 8260C	10-11-17	10-11-17	
1,2,3-Trichlorobenzene ND 0.0010 EPA 8260C 10-11-17 10-11-17 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-11-17	10-11-17	
Surrogate: Percent Recovery Control Limits Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	Naphthalene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Dibromofluoromethane 98 73-134 Toluene-d8 99 81-124	1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-11-17	10-11-17	
Toluene-d8 99 81-124	•	Percent Recovery	Control Limits				
	Dibromofluoromethane	98	73-134				
4-Bromofluorobenzene 100 80-131	Toluene-d8	99	81-124				
	4-Bromofluorobenzene	100	80-131				

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VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1012S1					
Dichlorodifluoromethane	ND	0.0027	EPA 8260C	10-12-17	10-12-17	
Chloromethane	ND	0.0072	EPA 8260C	10-12-17	10-12-17	
Vinyl Chloride	ND	0.0013	EPA 8260C	10-12-17	10-12-17	
Bromomethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Chloroethane	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Acetone	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
lodomethane	ND	0.0071	EPA 8260C	10-12-17	10-12-17	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Methylene Chloride	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
2-Butanone	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Bromochloromethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Chloroform	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Benzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Trichloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Dibromomethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Toluene	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	

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VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
	MB404004					
Laboratory ID:	MB1012S1	0.0040	EDA 00000	10.10.17	10.10.17	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
2-Hexanone	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Chlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Ethylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
m,p-Xylene	ND	0.0020	EPA 8260C	10-12-17	10-12-17	
o-Xylene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Styrene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Bromoform	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Bromobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-12-17	10-12-17	
Naphthalene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-12-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	73-134				
Toluene-d8	112	81-124				
4-Bromofluorobenzene	122	80-131				
T-DIOIIIUUIUUUUUUUU	122	00-131				

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VOLATILES EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Result		Spike Level		Reco	Recovery		RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	11S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0529	0.0533	0.0500	0.0500	106	107	66-127	1	15	
Benzene	0.0585	0.0594	0.0500	0.0500	117	119	76-122	2	15	
Trichloroethene	0.0390	0.0393	0.0500	0.0500	78	79	78-120	1	15	
Toluene	0.0526	0.0543	0.0500	0.0500	105	109	83-120	3	15	
Chlorobenzene	0.0452	0.0461	0.0500	0.0500	90	92	81-120	2	15	
Surrogate:										
Dibromofluoromethane					102	109	73-134			
Toluene-d8					99	110	81-124			
4-Bromofluorobenzene					97	104	80-131			

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VOLATILES EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Result		Spike Level		Reco	Recovery		RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB10	12S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0529	0.0529	0.0500	0.0500	106	106	66-127	0	15	
Benzene	0.0604	0.0599	0.0500	0.0500	121	120	76-122	1	15	
Trichloroethene	0.0400	0.0395	0.0500	0.0500	80	79	78-120	1	15	
Toluene	0.0554	0.0540	0.0500	0.0500	111	108	83-120	3	15	
Chlorobenzene	0.0461	0.0453	0.0500	0.0500	92	91	81-120	2	15	
Surrogate:										
Dibromofluoromethane					94	101	73-134			
Toluene-d8					102	107	81-124			
4-Bromofluorobenzene					108	111	80-131			

Project: 4082-039-01

TOTAL METALS EPA 6010C/6020A METHOD BLANK QUALITY CONTROL

Date Extracted: 10-6-17
Date Analyzed: 10-6&10-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: MB1006SM1

Analyte	Method	Result	PQL
Arsenic	6020A	ND	2.5
Lead	6010C	ND	5.0

Project: 4082-039-01

TOTAL METALS EPA 6010C/6020A DUPLICATE QUALITY CONTROL

Date Extracted: 10-6-17

Date Analyzed: 10-6&10-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-010-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	2.5	
Lead	ND	ND	NA	5.0	

Project: 4082-039-01

TOTAL METALS EPA 6010C/6020A MS/MSD QUALITY CONTROL

Date Extracted: 10-6-17

Date Analyzed: 10-6&10-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-010-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	94.8	95	94.8	95	0	
Lead	250	227	91	228	91	1	

Date of Report: October 13, 2017 Samples Submitted: October 3, 2017 Laboratory Reference: 1710-028 Project: 4082-039-01

% MOISTURE

Date Analyzed: 10-6&11-17

Client ID	Lab ID	% Moisture
FL358-MW3-0-0.5	10-028-01	6
FL358-MW3-0.5-1	10-028-02	6
FL358-MW3-4-5	10-028-03	9
FL358-MW3-7-8	10-028-04	15
FL358-MW3-11-12	10-028-05	13
FL358-MW4-0-0.5	10-028-08	10
FL358-MW4-0.5-1	10-028-09	9
FL358-MW4-6.5-7.5	10-028-11	16
FL358-MW4-8.5-9.5	10-028-12	11



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical ______.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

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ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference





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Chromatograms with final report Electronic Data Deliverables (EDDs)	Data Package: Standard ☐ Level III ☐ Level IV ☐						Comments/Special Instructions									Semiv (with I) PAHs PCBs Organ Organ Chlori Total I Total I	solatiles ow-leve 8270D/ 8082A ochloric ophosp nated A RCRA M MTCA M	8270D el PAHs SIM (lo ne Pest phorus I phorus I detals	/SIM	081B es 8270	D/SIM	820-01



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 18, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-106

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 9, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 4082-039-01

Case Narrative

Samples were collected on October 9, 2017 and received by the laboratory on October 9, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
ARCO-MW31	10-106-01	Water	10-9-17	10-9-17	
ARCO-MW32	10-106-01	Water	10-9-17	10-9-17	
ARCO-MW37	10-106-01	Water	10-9-17	10-9-17	

Project: 4082-039-01

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	ARCO-MW31					
Laboratory ID:	10-106-01					
Gasoline	ND	100	NWTPH-Gx	10-16-17	10-16-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	89	66-114				
Client ID:	ARCO-MW32					
Laboratory ID:	10-106-02					
Gasoline	ND	100	NWTPH-Gx	10-16-17	10-16-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	92	66-114				
Client ID:	ARCO-MW37					
Laboratory ID:	10-106-03					
Gasoline	ND	100	NWTPH-Gx	10-16-17	10-16-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	89	66-114				

Project: 4082-039-01

NWTPH-Dx

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	ARCO-MW31					
Laboratory ID:	10-106-01					
Diesel Range Organics	ND	0.26	NWTPH-Dx	10-12-17	10-12-17	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	10-12-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				_
o-Terphenyl	75	50-150				
						
Client ID:	ARCO-MW32					
Laboratory ID:	10-106-02					
Diesel Range Organics	0.35	0.26	NWTPH-Dx	10-12-17	10-12-17	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	10-12-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	84	50-150				
Client ID.	ADCO MW27					
Client ID:	ARCO-MW37					
Laboratory ID:	10-106-03					
Diesel Range Organics	0.33	0.26	NWTPH-Dx	10-12-17	10-12-17	
Lube Oil Range Organics	0.46	0.42	NWTPH-Dx	10-12-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	84	50-150				

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

- · · · · · · · · · · · · · · · · · · ·				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	ARCO-MW31					
Laboratory ID:	10-106-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Iodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	

Project: 4082-039-01

VOLATILES EPA 8260C

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	ARCO-MW31					
Laboratory ID:	10-106-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	89	77-129				

Dibromofluoromethane 89 77-129
Toluene-d8 94 80-127
4-Bromofluorobenzene 101 78-125

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	ARCO-MW32					
Laboratory ID:	10-106-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Iodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	ARCO-MW32					
Laboratory ID:	10-106-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	91	77-129				
-						

áh.

Toluene-d8

4-Bromofluorobenzene

80-127

78-125

95

99

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Matrix: Water Units: ug/L

Client ID:					Date	Date	
Laboratory ID: 10-106-03 Dichlorodifluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloromethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Vinyl Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Tricklorofluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Tricklorofluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Iodomethane ND 5.0 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND <th>Analyte</th> <th>Result</th> <th>PQL</th> <th>Method</th> <th>Prepared</th> <th>Analyzed</th> <th>Flags</th>	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Dichlorodiffluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloromethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Vinyl Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Chloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Icarbon Disulfide ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylere Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 Methylere Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyler Bury Ether ND 0.20 EPA 8260C 10-13-17 10-	Client ID:	ARCO-MW37					
Chloromethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Vinyl Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Trichlorofluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Iodomethane ND 2.0 EPA 8260C 10-13-17 10-13-17 Iodomethane ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.20 EPA 8260C 10-13-17 10	Laboratory ID:	10-106-03					
Vinyl Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Trichlorofluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Iodomethane ND 0.21 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.27 EPA 8260C 10-13-17 10-13-17 Methyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 0.20 EPA 8260C 10-13-17 10-13-17	Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Trichlorofluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Idodomethane ND 0.27 EPA 8260C 10-13-17 10-13-17 Carbon Disulfide ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 (trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethane ND 0.20 EPA 8260C 10-13-17	Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Chloroethane ND 1.0 EPA 8260C 10-13-17 10-13-17 Trichlorofluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Iodomethane ND 2.0 EPA 8260C 10-13-17 10-13-17 Carbon Disulfide ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethane ND 0.20 EPA 8260C 10-13-17<	Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Iodomethane ND 2.0 EPA 8260C 10-13-17 10-13-17 Carbon Disulfide ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 0.20 EPA 8260C	Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Iodomethane ND 2.0 EPA 8260C 10-13-17 10-13-17 Carbon Disulfide ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 (trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 0.20 EPA 8260C 10-13-17 10-13-17 (cis) 1,2-Dichloroethane ND 0.20 EPA 8260C <	Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Acetone ND 5.0 EPA 8260C 10-13-17 10-13-17 Iodomethane ND 2.0 EPA 8260C 10-13-17 10-13-17 Carbon Disulfide ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 0.20 EPA 8260C 10-13-17 10-13-17 ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17	Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
lodomethane ND 2.0 EPA 8260C 10-13-17 10-13-17 Carbon Disulfide ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 (trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 1.3 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 0.20 EPA 8260C 10-13-17 10-13-17 2,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 2,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 0.20 EPA 8260C 10-13-17 10-13-17 Pomochloromethane ND 0.20 EPA 8260C 10	1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide ND 0.27 EPA 8260C 10-13-17 10-13-17 Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 (trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroptropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Dichloroptropene ND 0.20 </td <td>Acetone</td> <td>ND</td> <td>5.0</td> <td>EPA 8260C</td> <td>10-13-17</td> <td>10-13-17</td> <td></td>	Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride ND 1.0 EPA 8260C 10-13-17 10-13-17 (trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 1.3 EPA 8260C 10-13-17 10-13-17 2,2-Dichloropane ND 0.20 EPA 8260C 10-13-17 10-13-17 (cis) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Trichloroethane ND 0.20 EPA 8260C	lodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 1.3 EPA 8260C 10-13-17 10-13-17 2,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 (cis) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 5.0 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Tirchloroethane ND 0.20 EPA 8260C 10-13-17<	Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 1.3 EPA 8260C 10-13-17 10-13-17 2,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 (cis) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 5.0 EPA 8260C 10-13-17 10-13-17 Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C	Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Vinyl Acetate ND 1.3 EPA 8260C 10-13-17 10-13-17 2,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 (cis) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 5.0 EPA 8260C 10-13-17 10-13-17 Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C	(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate ND 1.3 EPA 8260C 10-13-17 10-13-17 2,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 (cis) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 5.0 EPA 8260C 10-13-17 10-13-17 Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloroptopene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C	Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 (cis) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 5.0 EPA 8260C 10-13-17 10-13-17 Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Carbon Tetrachloride ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C<	1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Butanone ND 5.0 EPA 8260C 10-13-17 10-13-17 Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Carbon Tetrachloride ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 10-modichloromethane ND 0.20 EPA 8260C	Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2-Butanone ND 5.0 EPA 8260C 10-13-17 10-13-17 Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Carbon Tetrachloride ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Benzene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 10bromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 0.20 EPA 8260C <td< td=""><td>2,2-Dichloropropane</td><td>ND</td><td>0.20</td><td>EPA 8260C</td><td>10-13-17</td><td>10-13-17</td><td></td></td<>	2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Carbon Tetrachloride ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Benzene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 826	(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1,1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Carbon Tetrachloride ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Benzene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Trichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Poibromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C	2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Carbon Tetrachloride ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Benzene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Dibromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND <	Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride ND 0.20 EPA 8260C 10-13-17 10-13-17 1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Benzene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Trichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Parameter ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 0.20 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 1.0 EPA 8260C	Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Benzene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Trichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Dibromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromodichloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Trichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Dibromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromodichloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Trichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Dibromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromodichloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene ND 0.20 EPA 8260C 10-13-17 10-13-17 1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Dibromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromodichloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane ND 0.20 EPA 8260C 10-13-17 10-13-17 Dibromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromodichloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane ND 0.20 EPA 8260C 10-13-17 10-13-17 Bromodichloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane ND 0.20 EPA 8260C 10-13-17 10-13-17 2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether ND 10 EPA 8260C 10-13-17 10-13-17 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17 Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone ND 2.5 EPA 8260C 10-13-17 10-13-17 Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
Toluene ND 1.0 EPA 8260C 10-13-17 10-13-17	(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
	Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloropropene ND 0.20 EPA 8260C 10-13-17 10-13-17	Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
	(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	

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VOLATILES EPA 8260C

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	ARCO-MW37					
Laboratory ID:	10-106-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	89	77-129				

Dibromofluoromethane 89 77-129
Toluene-d8 95 80-127
4-Bromofluorobenzene 98 78-125



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TOTAL LEAD EPA 200.8

Matrix: Water
Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	10-106-01					
Client ID:	ARCO-MW31					
Lead	8.1	1.1	200.8	10-12-17	10-12-17	
Lab ID:	10-106-02					
Client ID:	ARCO-MW32					
Lead	ND	1.1	200.8	10-12-17	10-12-17	
15	40.400.00					
Lab ID:	10-106-03					
Client ID:	ARCO-MW37					
Lead	ND	1.1	200.8	10-12-17	10-12-17	

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NWTPH-Gx QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016W1					
Gasoline	ND	100	NWTPH-Gx	10-16-17	10-16-17	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	88	66-114				

Analyte	Res	sult	Snike	Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE	ive.	Suit	Орікс	LCVCI	Nesun	recovery	Lillits	INI D	Lillin	i iags
DUFLICATE										
Laboratory ID:	10-10	06-01								
	ORIG	DUP								
Gasoline	ND	ND	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						89 80	66-114			

Project: 4082-039-01

NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK				•	•	
Laboratory ID:	MB1012W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	10-12-17	10-12-17	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	10-12-17	10-12-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	89	50-150				

					Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	10-10	07-01								
	ORIG	DUP								
Diesel Range Organics	5.03	4.76	NA	NA		NA	NA	6	NA	М
Lube Oil Range Organics	7.59	7.00	NA	NA		NA	NA	8	NA	
Surrogate:										
o-Terphenyl						89 94	50-150			

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1013W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloromethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroethane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Acetone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
lodomethane	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Carbon Disulfide	ND	0.27	EPA 8260C	10-13-17	10-13-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-13-17	10-13-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Butanone	ND	5.0	EPA 8260C	10-13-17	10-13-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chloroform	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Benzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Trichloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Dibromomethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chloroethyl Vinyl Ether	ND	10	EPA 8260C	10-13-17	10-13-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Methyl Isobutyl Ketone	ND	2.5	EPA 8260C	10-13-17	10-13-17	
Toluene	ND	1.0	EPA 8260C	10-13-17	10-13-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-13-17	10-13-17	

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VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
7 in any to	rtoourt		ou	. roparoa	7a.y 20 a	. iago
Laboratory ID:	MB1013W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Hexanone	ND	2.0	EPA 8260C	10-13-17	10-13-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-13-17	10-13-17	
o-Xylene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Styrene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromoform	ND	1.0	EPA 8260C	10-13-17	10-13-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Bromobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-13-17	10-13-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Naphthalene	ND	1.3	EPA 8260C	10-13-17	10-13-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-13-17	10-13-17	
Surrogate:	Percent Recovery	Control Limits				

Surrogate: Percent Recovery Control Limit
Dibromofluoromethane 88 77-129
Toluene-d8 94 80-127
4-Bromofluorobenzene 99 78-125



Project: 4082-039-01

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Water Units: ug/L

					Per	Percent			RPD)
Analyte	Result		Spike Level		Recovery		Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1013W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.21	9.36	10.0	10.0	92	94	63-127	2	17	
Benzene	9.76	10.2	10.0	10.0	98	102	76-121	4	12	
Trichloroethene	9.02	9.05	10.0	10.0	90	91	64-120	0	15	
Toluene	9.67	9.94	10.0	10.0	97	99	82-120	3	13	
Chlorobenzene	9.75	10.1	10.0	10.0	98	101	80-120	4	14	
Surrogate:										
Dibromofluoromethane					85	86	77-129			
Toluene-d8					94	94	80-127			
4-Bromofluorobenzene					97	99	78-125			

Project: 4082-039-01

TOTAL LEAD EPA 200.8 METHOD BLANK QUALITY CONTROL

Date Extracted: 10-12-17 Date Analyzed: 10-12-17

Matrix: Water Units: ug/L (ppb)

Lab ID: MB1012WM1

Analyte Method Result PQL

Lead 200.8 **ND** 1.1

Project: 4082-039-01

TOTAL LEAD EPA 200.8 DUPLICATE QUALITY CONTROL

Date Extracted: 10-12-17 Date Analyzed: 10-12-17

Matrix: Water Units: ug/L (ppb)

Lab ID: 10-024-02

Sample Duplicate Analyte Result Result **RPD** PQL Flags ND ND NA 1.1 Lead

Project: 4082-039-01

TOTAL LEAD EPA 200.8 MS/MSD QUALITY CONTROL

Date Extracted: 10-12-17 Date Analyzed: 10-12-17

Matrix: Water Units: ug/L (ppb)

Lab ID: 10-024-02

	Spike		Percent		Percent		
Analyte	Level	MS	Recovery	MSD	Recovery	RPD	Flags
Lead	222	213	96	214	96	1	



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical ______.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL PQL - Practical Quantitation Limit

RPD - Relative Percent Difference





Chain of Custody

P	
age_	
_	_
of	

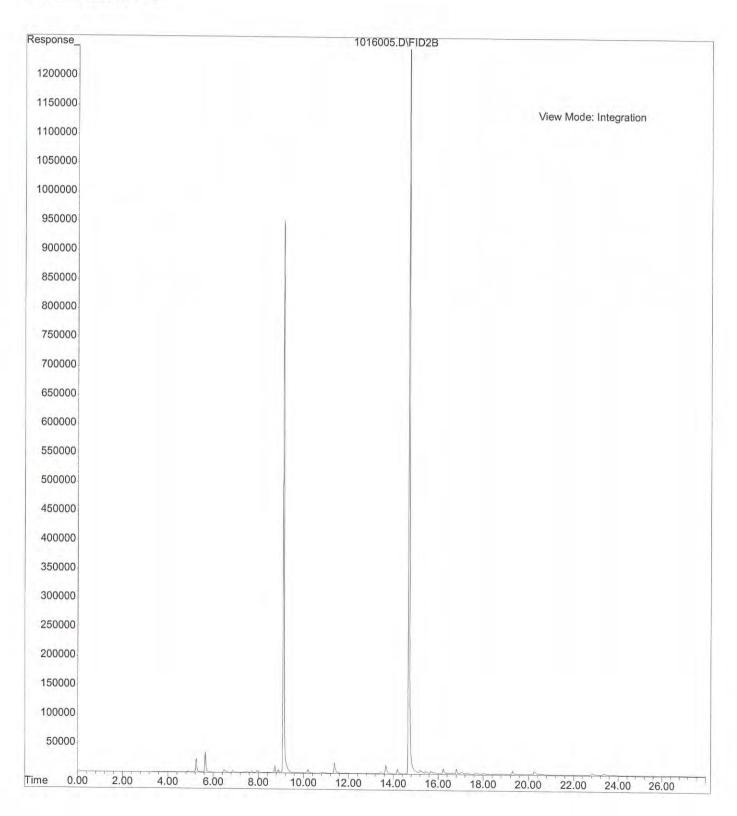
Received Relinquished	Ad Transit Prase! Standard (7 Days) Seesson Sample Identification Sample Sample Sampled Sampled	Same Day
analysis 5 Days) analysis 5 Days) All 2 6 Well Waltix Number of Containers NWTPH-HCID NWTPH-Gx/BTEX NWTPH-Dx (Acid / SG Clean-up) NWTPH-Dx (Acid / SG Clean-up) Volatiles 8260C	ck One) 1 Day	(in working days) Laboratory Number: 70-106

: X:\BTEX\HOPE\DATA\H171016\1016005.D File

Operator :

Acquired : 16 Oct 2017 15:21 using AcqMethod 170913G3.M

Instrument : Hope Sample Name: 10-106-01f



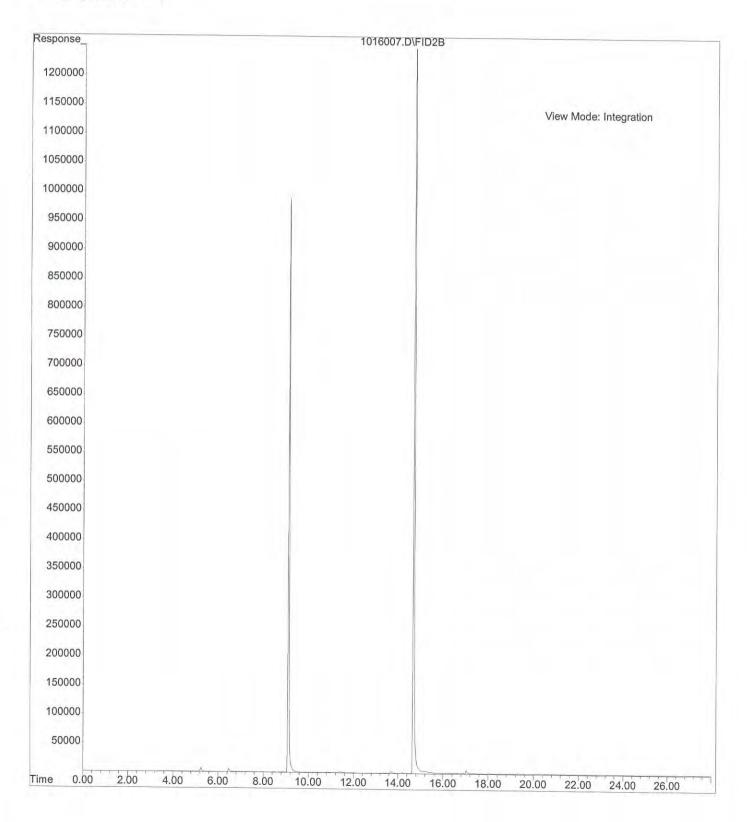
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Operator :

Acquired : 16 Oct 2017 16:29

using AcqMethod 170913G3.M

Instrument: Hope Sample Name: 10-106-02f

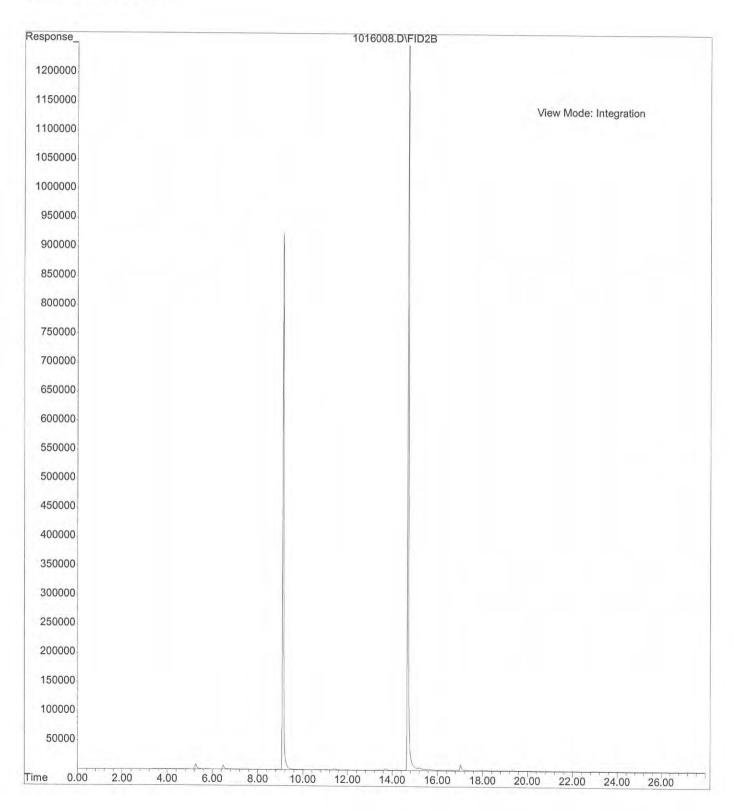


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Operator : Acquired : 16 Oct 2017 17:03 using AcqMethod 170913G3.M

Instrument : Hope

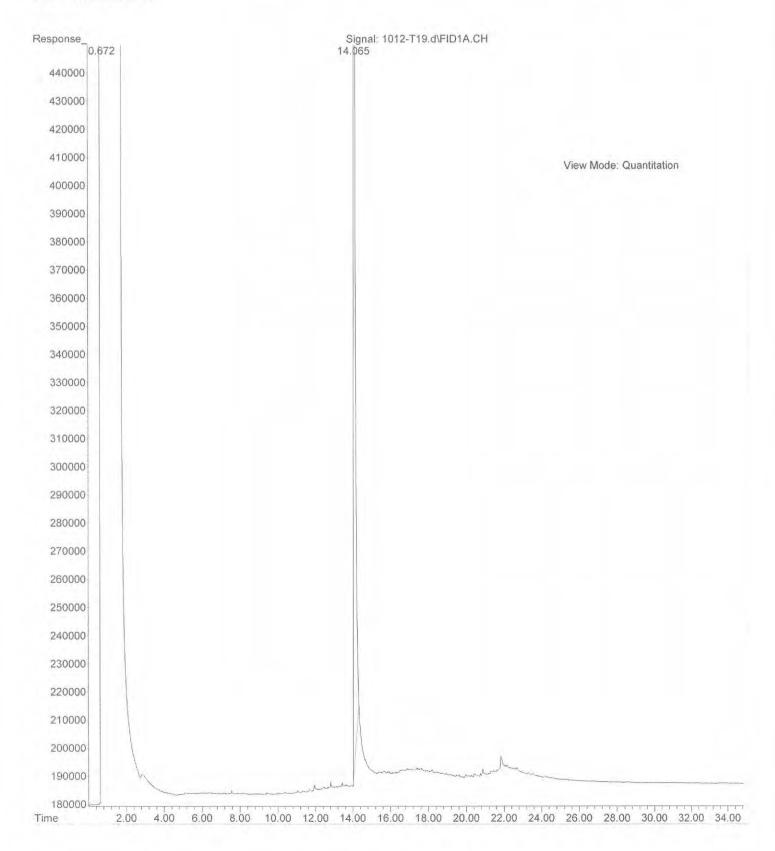
Sample Name: 10-106-03f



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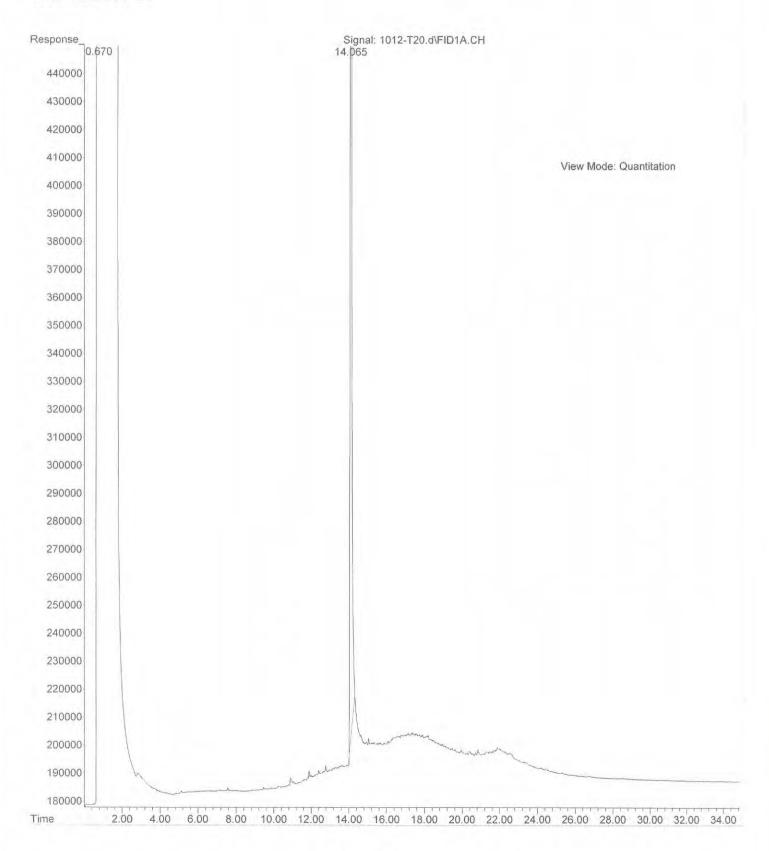
Operator : ZT Acquired : 12 Oct 2017 23:23 using AcqMethod T161216F.M

Instrument : Teri Sample Name: 10-106-01



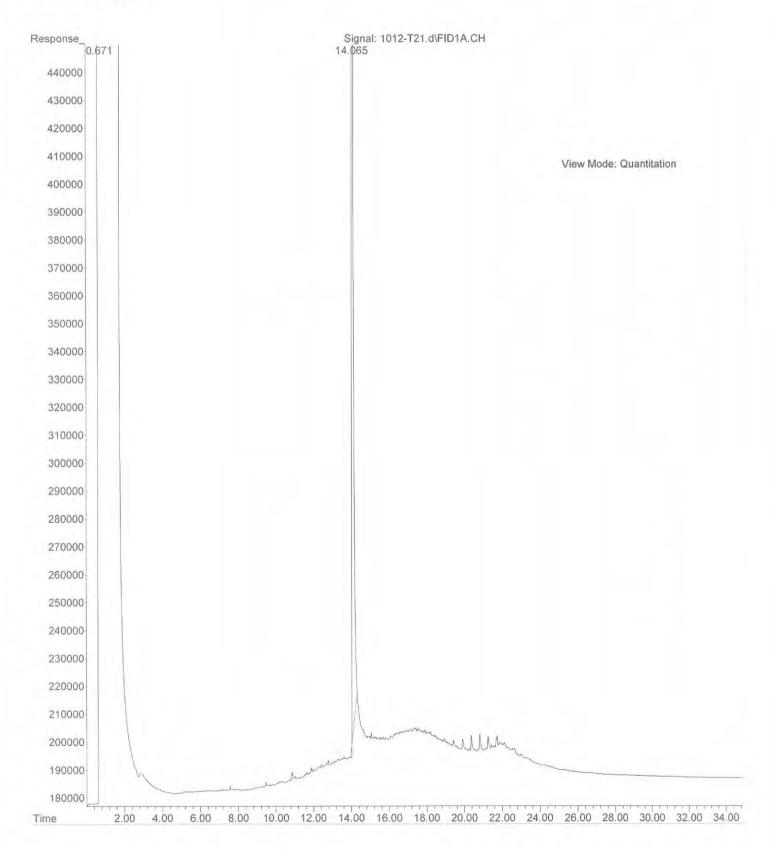
File :C:\msdchem\1\data\T171012\1012-T20.d
Operator : ZT
Acquired : 13 Oct 2017 0:05 using AcqMethod T161216F.M

Instrument : Teri Sample Name: 10-106-02



File :C:\msdchem\1\data\T171012\1012-T21.d
Operator : ZT
Acquired : 13 Oct 2017 0:48 using AcqMethod T161216F.M

Instrument : Teri Sample Name: 10-106-03





14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 4, 2017

Marsi Beeson GeoEngineers, Inc. 12000 NW Naito Prkway, Suite 180 Portland, OR 97209

Re: Analytical Data for Project 4082-039-01

Laboratory Reference No. 1710-031

Dear Marsi:

Enclosed are the analytical results and associated quality control data for samples submitted on October 3, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 4082-039-01

Case Narrative

Samples were collected on October 3, 2017 and received by the laboratory on October 3, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Project: 4082-039-01

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
FL358-YPaymor MW3-20171003	10-031-01	Water	10-3-17	10-3-17	

Project: 4082-039-01

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID: FL35	58-YPaymor MW3-2017					
Laboratory ID:	10-031-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Chloromethane	ND	1.0	EPA 8260C	10-3-17	10-3-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Bromomethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Chloroethane	ND	1.0	EPA 8260C	10-3-17	10-3-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Acetone	ND	5.0	EPA 8260C	10-3-17	10-3-17	
Iodomethane	ND	1.5	EPA 8260C	10-3-17	10-3-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-3-17	10-3-17	
(trans) 1,2-Dichloroethene	e ND	0.20	EPA 8260C	10-3-17	10-3-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-3-17	10-3-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
(cis) 1,2-Dichloroethene	0.20	0.20	EPA 8260C	10-3-17	10-3-17	
2-Butanone	ND	5.0	EPA 8260C	10-3-17	10-3-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Chloroform	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Benzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Trichloroethene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Dibromomethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
2-Chloroethyl Vinyl Ether	ND	3.7	EPA 8260C	10-3-17	10-3-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Methyl Isobutyl Ketone	ND	2.6	EPA 8260C	10-3-17	10-3-17	
Toluene	ND	1.0	EPA 8260C	10-3-17	10-3-17	
(trans) 1,3-Dichloroproper	ne ND	0.20	EPA 8260C	10-3-17	10-3-17	

Project: 4082-039-01

VOLATILES EPA 8260C

page 2 of 2

				Date	Date		
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags	
Client ID: FL358-Y	Paymor MW3-2017	71003					
Laboratory ID:	10-031-01						
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Tetrachloroethene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-3-17	10-3-17		
2-Hexanone	ND	2.6	EPA 8260C	10-3-17	10-3-17		
Dibromochloromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Chlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Ethylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
m,p-Xylene	ND	0.40	EPA 8260C	10-3-17	10-3-17		
o-Xylene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Styrene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Bromoform	ND	1.0	EPA 8260C	10-3-17	10-3-17		
Isopropylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Bromobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,1,2,2-Tetrachloroethane	ND	0.26	EPA 8260C	10-3-17	10-3-17		
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-3-17	10-3-17		
n-Propylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
2-Chlorotoluene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
4-Chlorotoluene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
tert-Butylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
sec-Butylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
n-Butylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
1,2-Dibromo-3-chloropropane	ND	1.3	EPA 8260C	10-3-17	10-3-17		
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Naphthalene	ND	1.4	EPA 8260C	10-3-17	10-3-17		
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17		
Surrogate:	Percent Recovery	Control Limits					
Dibromofluoromethane	98	77-129					
T / 10	0.5	00.407					

 Dibromofluoromethane
 98
 77-129

 Toluene-d8
 95
 80-127

 4-Bromofluorobenzene
 100
 78-125



Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	Result PQL N		Prepared	Analyzed	Flags
Laboratory ID:	MB1003W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Chloromethane	ND	1.0	EPA 8260C	10-3-17	10-3-17	
Vinyl Chloride	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Bromomethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Chloroethane	ND	1.0	EPA 8260C	10-3-17	10-3-17	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Acetone	ND	5.0	EPA 8260C	10-3-17	10-3-17	
Iodomethane	ND	1.5	EPA 8260C	10-3-17	10-3-17	
Carbon Disulfide	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Methylene Chloride	ND	1.0	EPA 8260C	10-3-17	10-3-17	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Vinyl Acetate	ND	1.3	EPA 8260C	10-3-17	10-3-17	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
2-Butanone	ND	5.0	EPA 8260C	10-3-17	10-3-17	
Bromochloromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Chloroform	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Benzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Trichloroethene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Dibromomethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Bromodichloromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
2-Chloroethyl Vinyl Ether	ND	3.7	EPA 8260C	10-3-17	10-3-17	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Methyl Isobutyl Ketone	ND	2.6	EPA 8260C	10-3-17	10-3-17	
Toluene	ND	1.0	EPA 8260C	10-3-17	10-3-17	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-3-17	10-3-17	

Project: 4082-039-01

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
y					7	90
Laboratory ID:	MB1003W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Tetrachloroethene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
2-Hexanone	ND	2.6	EPA 8260C	10-3-17	10-3-17	
Dibromochloromethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Chlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Ethylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
m,p-Xylene	ND	0.40	EPA 8260C	10-3-17	10-3-17	
o-Xylene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Styrene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Bromoform	ND	1.0	EPA 8260C	10-3-17	10-3-17	
Isopropylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Bromobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,1,2,2-Tetrachloroethane	ND	0.26	EPA 8260C	10-3-17	10-3-17	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-3-17	10-3-17	
n-Propylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
n-Butylbenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
1,2-Dibromo-3-chloropropane	ND	1.3	EPA 8260C	10-3-17	10-3-17	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Naphthalene	ND	1.4	EPA 8260C	10-3-17	10-3-17	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-3-17	10-3-17	
Surrogate:	Percent Recovery	Control Limits				

Surrogate: Percent Recovery Control Limit
Dibromofluoromethane 91 77-129
Toluene-d8 95 80-127
4-Bromofluorobenzene 98 78-125



Project: 4082-039-01

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Water Units: ug/L

					Per	cent	Recovery		RPD		
Analyte	Result		Spike Level		Rec	Recovery		RPD	Limit	Flags	
SPIKE BLANKS											
Laboratory ID:	SB10	03W1									
	SB	SBD	SB	SBD	SB	SBD					
1,1-Dichloroethene	8.79	8.74	10.0	10.0	88	87	63-127	1	17		
Benzene	9.60	9.85	10.0	10.0	96	99	76-121	3	12		
Trichloroethene	8.99	8.75	10.0	10.0	90	88	64-120	3	15		
Toluene	9.67	9.66	10.0	10.0	97	97	82-120	0	13		
Chlorobenzene	9.61	9.72	10.0	10.0	96	97	80-120	1	14		
Surrogate:											
Dibromofluoromethane					90	91	77-129				
Toluene-d8					96	95	80-127				
4-Bromofluorobenzene					95	98	78-125				



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical ______.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference





Chain of Custody

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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished Relinquished	Signature					1 FL358-YPGYMONTMW3-72174603	Lab ID Sample Identification	sampled by: RE	Project Manager: Natsi Beesan	Project Name: Sound Transin FWLE	Project Number: 4082-039-01	Company: CFI	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com
Reviewed/Date				\	1) Condu	SEI SEI	Company					1013/19 1125	Date Time Sampled Sampled	(other)		Standard (7 Days) (TPH analysis 5 Days)			(Check One)
					the 10/3/17	143 17	Date					2 3	NWTP	H-HCII H-Gx/E		ers	3 Days	1 Day	
					1117 1345	17 1305	Time					X	Volatil	H-Dx (es 8260 enated	C Volatiles	/ SG Cless 8260C			Laboratory Number:
Chromatograms with final report \square Electronic Data Deliverables (EDDs) \square	Data Package: Standard Level III Level IV						Comments/Special Instructions						(with let PAHs and PCBs Organic Chlorin Total F Total M TCLP	8082A sochlorii pophosp ated A GCRA II MTCA II Metals	horus F cid Her Metals	v-level) cides 80 resticides bicides	s 8270I	D/SIM	10-031

APPENDIX C ECOLOGY FILE, SURVEY AND TITLE REPORT

Issued By agent:



Commitment Number:

0075348-06 [ROWs FL358, FL361 & FL363] Amendment SECOND COMMITMENT

CHICAGO TITLE INSURANCE COMPANY, a Nebraska corporation ("Company"), for a valuable consideration, commits to issue its policy or policies of title insurance, as identified in Schedule A, in favor of the Proposed Insured named in Schedule A, as owner or mortgagee of the estate or interest in the land described or referred to in Schedule A, upon payment of the premiums and charges and compliance with the Requirements; all subject to the provisions of Schedules A and B and to the Conditions of this Commitment.

This Commitment shall be effective only when the identity of the Proposed Insured and the amount of the policy or policies committed for have been inserted in Schedule A by the Company.

All liability and obligation under this Commitment shall cease and terminate six (6) months after the Effective Date or when the policy or policies committed for shall issue, whichever first occurs, provided that the failure to issue the policy or policies is not the fault of the Company.

The Company will provide a sample of the policy form upon request.

This Commitment shall not be valid or binding until countersigned by a validating officer or authorized signatory.

IN WITNESS WHEREOF, CHICAGO TITLE INSURANCE COMPANY has caused its corporate name and seal to be affixed by its duly authorized officers on the date shown in Schedule A.

Chicago Title Insurance Company

By:

 \mathcal{O}

Countersigned By:

Authorized Officer or Agent

Attest:

Secretary

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CHICAGO TITLE COMPANY OF WASHINGTON

ISSUING OFFICE:	FOR SETTLEMENT INQUIRIES, CONTACT:
Title Officer: Commercial / Unit 6	
Chicago Title Company of Washington	
701 5th Avenue, Suite 2700	
Seattle, WA 98104	
Main Phone: (206)628-5610	
Email: CTISeaTitleUnit6@ctt.com	

SCHEDULE A

ORDER NO. 0075348-06

- 1. Effective Date: September 15, 2016 at 08:00 AM
- 2. Policy or (Policies) to be issued:
 - a. To Be Determined

Proposed Insured: Central Puget Sound Regional Transit Authority, a regional transit authority

Policy Amount: \$0.00

 Premium:
 \$ 0.00

 Tax:
 \$ 0.00

 Rate:
 Standard

 Total:
 \$ 0.00

3. The estate or interest in the land described or referred to in this Commitment is:

Fee Simple

4. Title to the estate or interest in the land is at the Effective Date vested in:

Winson at Federal Way LLC, a Washington Limited Liability Company

5. The land referred to in this Commitment is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

END OF SCHEDULE A



EXHIBIT "A"

Legal Description

Lots 1 and 6 and Tract A of Amendment to Evergreen Plaza Binding Site Plan/PUD, recorded September 9, 2003 under recording number 20030909000708, in Volume 216 of Plats, Page(s) 36 to 38, in King County, Washington;

Except that portion thereof conveyed to the City of Federal Way by statutory warranty deed recorded under recording no. 20050524000385.

Schedule B of the policy or policies to be issued will contain exceptions to the following matters unless the same are disposed of to the satisfaction of the Company:

GENERAL EXCEPTIONS

- A. Rights or claims of parties in possession, or claiming possession, not shown by the Public Records.
- B. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land.
- C. Easements, prescriptive rights, rights-of-way, liens or encumbrances, or claims thereof, not shown by the Public Records.
- D. Any lien, or right to a lien, for contributions to employee benefit funds, or for state workers' compensation, or for services, labor, or material heretofore or hereafter furnished, all as imposed by law, and not shown by the Public Records.
- E. Taxes or special assessments which are not yet payable or which are not shown as existing liens by the Public Records.
- F. Any lien for service, installation, connection, maintenance, tap, capacity, or construction or similar charges for sewer, water, electricity, natural gas or other utilities, or for garbage collection and disposal not shown by the Public Records.
- G. Unpatented mining claims, and all rights relating thereto.
- H. Reservations and exceptions in United States Patents or in Acts authorizing the issuance thereof.
- I. Indian tribal codes or regulations, Indian treaty or aboriginal rights, including easements or equitable servitudes.
- J. Water rights, claims or title to water.
- K. Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the Public Records, or attaching subsequent to the effective date hereof but prior to the date the proposed Insured acquires of record for value the estate or interest or mortgage thereon covered by this Commitment.



(continued)

SPECIAL EXCEPTIONS

1. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Lakehaven Sewer District, a municipal corporation Granted to: Purpose: Sewer mains with the necessary appurtenances

Recording Date: June 17, 1976 Recording No.: 7606170594

Affects: A Southerly portion of Tract A

2. Easement(s) for the purpose(s) shown below and rights incidental thereto, as disclosed by a document:

Granted to: King County Water District No. 124, Puget Sound Power & Light Company and Lakehaven

Sewer District

Purpose: Utilities

Recording Date: September 3, 1976

Recording No.: 7609030662

Affects: Portions of Lot 1 and Tract A

3. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: State of Washington

Purpose: Constructing and maintaining highway slopes in excavation and/or embankment

October 1, 1976 Recording Date: Recording No.: 7610010118

Affects: An Easterly portion of said premises and other property

4. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Puget Sound Power & Light Company, a Washington corporation

Electric transmission and/or distribution lines together with all necessary or convenient Purpose:

appurtenances

Recording Date: April 18, 1977 Recording No.: 7704180627

Affects: A Southerly portion of Tract A

Said easement is a re-recording of easement recorded under recording no. 7607090505.

5. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Lakehaven Sewer District, a municipal corporation Granted to: Sewer mains with the necessary appurtenances Purpose:

Recording Date: August 30, 1977 7708300861 Recording No.:

Affects: A Southerly portion of Lot 6 and other property

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(continued)

6. Easement(s) for the purpose(s) shown below and rights incidental thereto, as established by a document:

Purpose: Ingress and egress / access

Recording Date: September 22, 1977

Recording No.: 7709220881

Affects: A portion of said premises and other property

7. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Puget Sound Power & Light Company, a Washington corporation Purpose: Underground electric transmission and/or distribution system

Recording Date: February 7, 1979 Recording No.: 7902070655

Affects: Portions of Lot 6 as described in document

8. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Lakehaven Sewer District, a municipal corporation Purpose: Sewer mains with the necessary appurtenances

Recording Date: May 8, 1979 Recording No.: 7905080915

Affects: Portions of Lot 6 and Tract A

9. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Puget Sound Power & Light Company, a Washington corporation

Purpose: Underground electric transmission and/or distribution system together with all necessary or

convenient appurtenances

Recording Date: December 28, 1979
Recording No.: 7912280536
Affects: Portion of Lot 6

10. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: King County Water District No. 124, a municipal corporation

Purpose: Water mains, with necessary appurtenances

Recording Date: February 25, 1980 Recording No.: 8002250543

Affects: Portions of Lot 6 and Tract A



(continued)

11. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Northwest Bell Telephone Company, a Washington corporation

Purpose: Underground communication lines, conduit, above ground cabinets and manhole and other

appurtenances

Recording Date: May 14, 1992
Recording No.: 9205140334
Affects: A portion of Lot 6

12. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Washington Natural Gas Company, a Washington corporation

Purpose: Gas pipeline(s) and appurtenances

Recording Date: November 18, 1994

Recording No.: 9411180603 Affects: A portion of Lot 6

13. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Federal Way, a municipal corporation Purpose: Beautification improvements (landscaping, etc.)

Recording Date: November 17, 2000 Recording No.: 20001117001156 Affects: Portions of Tract A

14. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Wendy's International, Inc., an Ohio corporation

Purpose: Waterlines
Recording Date: March 2, 2001
Recording No.: 20010302002469
Affects: Portion of Lot 6

15. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Federal Way, a municipal corporation

Purpose: Surface water facilities Recording Date: January 11, 2002 Recording No.: 20020111002121

Affects: Portions of Lot 6 and Tract A



(continued)

16. Easement Purchase and Sale Agreement

Between: DCG II LLC, a Washington Limited Liability Company

And: City of Federal Way Recording Date: March 26, 2002 20020326002343

Affects: Portions of Lot 6 and Tract A

17. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Puget Sound Energy, Inc., a Washington corporation

Purpose: One or more utility systems for transmission, distribution and sale of electricity

Recording Date: January 15, 2004
Recording No.: 20040115000654
Affects: Portion of Tract A

18. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Central Puget Sound Regional Transit Authority

Purpose: Temporary construction use

Recording Date: March 16, 2004 Recording No.: 20040316001735

Affects: The North 10.00 feet of Lot 6

19. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on King County Short Plat No. 1079107:

Recording No: 7912270667

20. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on plat of Evergreen Plaza, a planned unit development, recorded in Volume 100 of Plats, Pages 74 and 75:

Recording No: 7608300834



(continued)

21. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on plat of Amendment to Evergreen Plaza Binding site Plan/PUD, recorded in Volume 216 of Plats, Pages 36 through 38:

Recording No: 20030909000708

22. Covenants, conditions, restrictions and easements but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: October 12, 1995 Recording No.: 9510121424

Affects; Lot 6

23. Covenants, conditions, restrictions and easements but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: August 10, 1998
Recording No.: 9808101434

Affects: Lot 6

24. Covenants, conditions, restrictions and easements but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: July 3, 2000 Recording No.: 20000703001131

Affects: Lot 6



(continued)

25. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on City of Federal Way Boundary Line Adjustment No. BLA 00-104493:

Recording No: 20010215900003

26. Covenants, conditions, restrictions and easements but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: March 2, 2001 Recording No.: 20010302002468

Affects: Lot 6

27. Covenants, conditions, restrictions and easements but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: December 30, 2003 Recording No.: 20031230000248

Affects: Lot 6, Tract A and other property

28. Agreement

Between: King County Water District No. 124, a municipal corporation

And: The Rainier Fund October 6, 1978 Recording No.: 7810060768

Regarding: Domestic water supply

29. Agreement

Between: Lakehaven Sewer Distirct, a municipal corporation

And: The Rainier Fund Recording Date: October 9, 1978 Recording No.: 7810090769

Regarding: System of sewage disposal

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(continued)

30. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on survey:

Recording No: 8503259001

31. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on survey:

Recording No: 9503089002

- 32. Any rights, interests or claims which may exist or arise by reason of the following matters disclosed by a survey by White & Shield, Inc., dated Jaunary 28, 2003, Job No. 2423200050
 - A) Curb lying within the temporary construction easement.
 - B) Rockery over Northwesterly portion of temporary constrution easement.
 - C) Storm drain running in a North-South direction through the Easterly portion of the temporary construction easement.
 - D) Various utility appurtenances which may lie within easements for same.
 - E) Neither drawing nor legal description contained therein reflect the correct legal description (concerns both reference to lot line adjustment and portion deeded for streets).
- 33. Payment of the real estate excise tax, if required.

The Land is situated within the boundaries of local taxing authority of City of Federal Way.

Present rate of real estate excise tax as of the date herein is 1.78 percent.

Any conveyance document must be accompanied by the official Washington State Excise Tax Affidavit. The applicable excise tax must be paid and the affidavit approved at the time of the recording of the conveyance documents. (NOTE: Real Estate Excise Tax Affidavits must be printed as legal size forms).

An additional \$5.00 Electronic Technology Fee must be included in all excise tax payments.

If the transaction is exempt, an additional \$5.00 Affidavit Processing Fee is required.

AMERICAN LAND TITLE ASSOCIATION

(continued)

34. General and special taxes and charges, payable February 15, delinquent if first half unpaid on May 1, second half delinquent if unpaid on November 1 of the tax year (amounts do not include interest and penalties):

Year: 2016

Tax Account No.: 242320-0010-09

Levy Code: 1202 Assessed Value-Land: \$11,000.00 Assessed Value-Improvements: \$0.00

General and Special Taxes:

Billed: \$163.25 Paid: \$81.63 Unpaid: \$81.62

Affects: Lot 1

35. General and special taxes and charges, payable February 15, delinquent if first half unpaid on May 1, second half delinquent if unpaid on November 1 of the tax year (amounts do not include interest and penalties):

Year: 2016

Tax Account No.: 242320-0050-00

Levy Code: 1202

Assessed Value-Land: \$5,898,200.00 Assessed Value-Improvements: \$6,544,400.00

General and Special Taxes: Billed: \$191,805.40

Paid: \$95,902.70 Unpaid: \$95,902.70

Affects: Lot 6

36. General and special taxes and charges, payable February 15, delinquent if first half unpaid on May 1, second half delinquent if unpaid on November 1 of the tax year (amounts do not include interest and penalties):

Year: 2016

Tax Account No.: 242320-0060-08

Levy Code: 1202

Assessed Value-Land: \$103,600.00

Assessed Value-Improvements: \$0.00

General and Special Taxes: Billed: \$3,212.26

Paid: \$1,606.13 Unpaid: \$1,606.13

Affects; Tract A

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ASSOCIATION

(continued)

37. Liability for Sewer Treatment Capacity Charges, if any, affecting certain areas of King, Pierce and Snohomish Counties. Said charges could apply to property connecting to the metropolitan sewerage facilities or reconnecting or changing its use and/or structure after February 1, 1990.

Please contact the King County Wastewater Treatment Division, Capacity Charge Program, for further information at 206-296-1450 or Fax No. 206-263-6823 or email at CapChargeEscrow@kingcounty.gov.

* A map showing sewer service area boundaries and incorporated areas can be found at: http://your.kingcounty.gov/ftp/gis/Web/VMC/utilities/servarea cities.pdf

Unrecorded Sewer Capacity Charges are not a lien on title to the Land.

NOTE: This exception will not appear in the policy to be issued.

38. A deed of trust to secure an indebtedness in the amount shown below,

> Amount: \$7,700,000,00 Dated: August 18, 2014

Trustor/Grantor: Winson at Federal Way, LLC

Trustee: First American Title Insurance Company

Beneficiary: East West Bank Recording Date: August 25, 2014 Recording No.: 20140825001072

39. Assignment of Rents and Leases

> Assigned to: East West Bank

Assigned by: Winson at Federal Way LLC

Recording Date: August 25, 2014 20140825001073 Recording No.:

40. Indemnity Agreement regarding hazardous substances:

> Grantor: Winson at Federal Way LLC

Grantee: East West Bank Recording Date: August 25, 2014 Recording No.: 20140825001074

41. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Subordination Agreement and agreement of non-disturbance and attornment

Lessor: Winson at Federal Way LLC

Lessee: Evergreen State Restaurant Limited Partnership No. 4 dba Outback Steakhouse

Recording Date: September 19, 2014 Recording No.: 20140919001069

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(continued)

42. Subordination, Nondisturbance and Attornment Agreement, and the terms and conditions thereof:

Lender: East West Bank

Tenant: Evergreen State Restaurant Limited Partnership No. 4 dba Outback Steakhouse

Landlord: Winson at Federal Way LLC

Recording Date: September 19, 2014 Recording No.: 20140919001069

- 43. Any unrecorded leaseholds, right of vendors and holders of security interests on personal property installed upon the Land and rights of tenants to remove trade fixtures at the expiration of the terms.
- 44. The Company will require the following documents for review prior to the issuance of any title insurance predicated upon a conveyance or encumbrance from the entity named below.

Limited Liability Company: Winson at Federal Way, LLC

- a. A copy of its operating agreement, if any, and any and all amendments, supplements and/or modifications thereto, certified by the appropriate manager or member.
- b. If a domestic Limited Liability Company, a copy of its Articles of Organization and all amendment thereto with the appropriate filing stamps.
- c. If the Limited Liability Company is member-managed a full and complete current list of members certified by the appropriate manager or member.
- d. If the Limited Liability Company was formed in a foreign jurisdiction, evidence, satisfactory to the Company that it was validly formed, is in good standing and authorized to do business in the state of origin.
- e. If less than all members, or managers, as appropriate, will be executing the closing documents, furnish evidence of the authority of those signing.

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

45. Any instrument to be executed by Central Puget Sound Regional Transit Authority must be in accordance with statute. Satisfactory evidence of authority must be submitted.

The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

AMERICAN LAND TITLE ASSOCIATION

(continued)

46. Your application for title insurance was placed by reference to only a street address or tax identification number. Based on our records, we believe that the legal description in this report covers the parcel(s) of Land that you requested. If the legal description is incorrect, the seller/borrower must notify the Company and/or the settlement company in order to prevent errors and to be certain that the correct parcel(s) of Land will appear on any documents to be recorded in connection with this transaction and on the policy of title insurance.

END OF EXCEPTIONS

NOTES

The following matters will not be listed as Special Exceptions in Schedule B of the policy. There will be no coverage for loss arising by reason of the matters listed below because these matters are either excepted or excluded from coverage or are not matters covered under the insuring provisions of the policy.

Note A: Note: FOR INFORMATIONAL PURPOSES ONLY:

The following may be used as an abbreviated legal description on the documents to be recorded, per Amended RCW 65.04.045. Said abbreviated legal description is not a substitute for a complete legal description within the body of the document:

Lots 1 and 6 and Tract A of Amendment to Evergreen Plaza Binding Site Plan Tax Account No.: 242320-0010-09, 242320-0050-00 and 242320-0060-08

Note B: Note: Any map furnished with this Commitment is for convenience in locating the land indicated herein

with reference to streets and other land. No liability is assumed by reason of reliance thereon.

END OF NOTES

END OF SCHEDULE B



CHICAGO TITLE COMPANY OF WASHINGTON

CONDITIONS

- The term mortgage, when used herein, shall include deed of trust, trust deed, or other security instrument.
- If the proposed Insured has or acquired actual knowledge of any defect, lien, encumbrance, adverse claim or other matter affecting the estate or interest or mortgage thereon covered by this Commitment other than those shown in Schedule B hereof, and shall fail to disclose such knowledge to the Company in writing, the Company shall be relieved from liability for any loss or damage resulting from any act of reliance hereon to the extent the Company is prejudiced by failure to so disclose such knowledge. If the proposed Insured shall disclose such knowledge to the Company, or if the Company otherwise acquires actual knowledge of any such defect, lien, encumbrance, adverse claim or other matter, the Company at its option may amend Schedule B of this Commitment accordingly, but such amendment shall not relieve the Company from liability previously incurred pursuant to paragraph 3 of these Conditions.
- Liability of the Company under this Commitment shall be only to the named proposed Insured and such parties included under the definition of Insured in the form of policy or policies committed for and only for actual loss incurred in reliance hereon in undertaking in good faith (a) to comply with the requirements hereof, or (b) to eliminate exceptions shown in Schedule B, or (c) to acquire or create the estate or interest or mortgage thereon covered by this Commitment. In no event shall such liability exceed the amount stated in Schedule A for the policy or policies committed for and such liability is subject to the insuring provisions and Conditions and the Exclusions from Coverage of the form of policy or policies committed for in favor of the proposed Insured which are hereby incorporated by reference and are made a part of this Commitment except as expressly modified herein.
- This Commitment is a contract to issue one or more title insurance policies and is not an abstract of title or a report of the condition of title. Any action or actions or rights of action that the proposed Insured may have or may bring against the Company arising out of the status of the title to the estate or interest or the status of the mortgage thereon covered by this Commitment must be based on and are subject to the provisions of this
- The policy to be issued contains an arbitration clause. All arbitrable matters when the Amount of Insurance is \$2,000,000 or less shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. You may review a copy of the arbitration rules at http://www.alta.org.

END OF CONDITIONS

RECORDING REQUIREMENTS

Effective January 1, 1997, document format and content requirements have been imposed by Washington Law. Failure to comply with the following requirements may result in rejection of the document by the county recorder or imposition of a \$50.00 surcharge.

First page or cover sheet:

3" top margin containing nothing except the return address.

1" side and bottom margins containing no markings or seals.

Title(s) of documents.

Recording no. of any assigned, released or referenced document(s).

Grantors names (and page no. where additional names can be found).

Grantees names (and page no. where additional names can be found).

Abbreviated legal description (Lot, Block, Plat Name or Section, Township, Range and Quarter, Quarter Section for unplatted). Said abbreviated legal description is not a substitute for a complete legal description which must also appear in the body of the document.

Assessor's tax parcel number(s).

Return address (in top 3" margin).

**A cover sheet can be attached containing the above format and data if the first page does not contain all required data.

Additional Pages:

1" top, side and bottom margins containing no markings or seals.

All Pages:

No stapled or taped attachments. Each attachment must be a separate page. All notary and other pressure seals must be smudged for visibility. Font size of 8 points or larger.

FIDELITY NATIONAL FINANCIAL, INC. PRIVACY NOTICE Effective: April 1, 2016

Order No.: 0075348-06

At Fidelity National Financial, Inc. and its majority-owned subsidiary companies (collectively, "FNF", "our" or "we"), we value the privacy of our customers. This Privacy Notice explains how we collect, use, and protect your information and explains the choices you have regarding that information. A summary of our privacy practices is below. We also encourage you to read the complete Privacy Notice following the summary.

Types of Information Collected. You may provide us with certain personal information, like your contact information, social security number (SSN), driver's license, other government ID numbers, and/or financial information. We may also receive information from your Internet browser, computer and/or mobile device.	How Information is Collected. We may collect personal information directly from you from applications, forms, or communications we receive from you, or from other sources on your behalf, in connection with our provision of products or services to you. We may also collect browsing information from your Internet browser, computer, mobile device or similar equipment. This browsing information is generic and reveals nothing personal about the user.
Use of Your Information. We may use your information to provide products and services to you (or someone on your behalf), to improve our products and services, and to communicate with you about our products and services. We do not give or sell your personal information to parties outside of FNF for their use to market their products or services to you.	Security Of Your Information. We utilize a combination of security technologies, procedures and safeguards to help protect your information from unauthorized access, use and/or disclosure. We communicate to our employees about the need to protect personal information.
Choices With Your Information. Your decision to submit personal information is entirely up to you. You can opt-out of certain disclosures or use of your information or choose to not provide any personal information to us.	When We Share Information. We may disclose your information to third parties providing you products and services on our behalf, law enforcement agencies or governmental authorities, as required by law, and to parties with whom you authorize us to share your information.
Information From Children. We do not knowingly collect information from children under the age of thirteen (13), and our websites are not intended to attract children.	Privacy Outside the Website. We are not responsible for the privacy practices of third parties, even if our website links to those parties' websites.
Access and Correction. If you desire to see the information collected about you and/or correct any inaccuracies, please contact us in the manner specified in this Privacy Notice.	<u>Do Not Track Disclosures</u> . We do not recognize "do not track" requests from Internet browsers and similar devices.
The California Online Privacy Protection Act. Certain FNF websites collect information on behalf of mortgage loan servicers. The mortgage loan servicer is responsible for taking action or making changes to any consumer information submitted through those websites.	International Use. By providing us with your information, you consent to the transfer, processing and storage of such information outside your country of residence, as well as the fact that we will handle such information consistent with this Privacy Notice.
Your Consent To This Privacy Notice. By submitting information to us and using our websites, you are accepting and agreeing to the terms of this Privacy Notice.	Contact FNF. If you have questions or wish to contact us regarding this Privacy Notice, please use the contact information provided at the end of this Privacy Notice.

FIDELITY NATIONAL FINANCIAL, INC. PRIVACY NOTICE

FNF respects and is committed to protecting your privacy. We pledge to take reasonable steps to protect your Personal Information (as defined herein) and to ensure your information is used in compliance with this Privacy Notice.

This Privacy Notice is only in effect for information collected and/or owned by or on behalf of FNF, including collection through any FNF website or online services offered by FNF (collectively, the "Website"), as well as any information collected offline (e.g., paper documents). The provision of this Privacy Notice to you does not create any express or implied relationship, nor create any express or implied duty or other obligation, between FNF and you.

Types of Information Collected

We may collect two (2) types of information: Personal Information and Browsing Information.

<u>Personal Information</u>. The types of personal information FNF collects may include, but are not limited to:

- contact information (e.g., name, address, phone number, email address);
- social security number (SSN), driver's license, and other government ID numbers; and
- · financial account or loan information.

<u>Browsing Information</u>. The types of browsing information FNF collects may include, but are not limited to:

- Internet Protocol (or IP) address or device ID/UDID, protocol and sequence information;
- browser language;
- · browser type;
- domain name system requests;
- browsing history;
- number of clicks;
- hypertext transfer protocol headers; and
- application client and server banners.

How Information is Collected

In the course of our business, we may collect *Personal Information* about you from the following sources:

- applications or other forms we receive from you or your authorized representative, whether electronic or paper;
- communications to us from you or others;
- information about your transactions with, or services performed by, us, our affiliates or others; and
- information from consumer or other reporting agencies and public records that we either obtain directly from those entities, or from our affiliates or others.

We may collect Browsing Information from you as follows:

- Browser Log Files. Our servers automatically log, collect and record certain Browsing Information about each visitor to the Website. The Browsing Information includes only generic information and reveals nothing personal about the user.
- Cookies. From time to time, FNF may send a "cookie" to your computer when you visit the Website. A cookie is a small piece of data that is sent to your Internet browser from a web server and stored on your computer's hard drive. When you visit the Website again, the cookie allows the Website to recognize your computer, with the goal of providing an optimized user experience. Cookies may store user preferences and other information. You can choose not to accept cookies by changing the settings of your Internet browser. If you choose not to accept cookies, then some functions of the Website may not work as intended.

Use of Collected Information

Information collected by FNF is used for three (3) main purposes:

- To provide products and services to you, or to one or more third party service providers who are performing services on your behalf or in connection with a transaction involving you;
- To improve our products and services; and
- To communicate with you and to inform you about FNF's products and services.

When We Share Information

We may share your Personal Information (excluding information we receive from consumer or other credit reporting agencies) and Browsing Information with certain individuals and companies, as permitted by law, without first obtaining your authorization. Such disclosures may include, without limitation, the following:

- to agents, representatives, or others to provide you with services or products you have requested, and to enable us to detect or prevent criminal activity, fraud, or material misrepresentation or nondisclosure;
- to third-party contractors or service providers who provide services or perform other functions on our behalf;
- to law enforcement or other governmental authority in connection with an investigation, or civil or criminal subpoenas or court orders; and/or
- to other parties authorized to receive the information in connection with services provided to you or a transaction involving you.

We may disclose Personal Information and/or Browsing Information when required by law or in the good-faith belief that such disclosure is necessary to:

- · comply with a legal process or applicable laws;
- enforce this Privacy Notice;
- investigate or respond to claims that any information provided by you violates the rights of a third party; or
- protect the rights, property or personal safety of FNF, its users or the public.

We make efforts to ensure third party contractors and service providers who provide services or perform functions on our behalf protect your information. We limit use of your information to the purposes for which the information was provided. We do not give or sell your information to third parties for their own direct marketing use.

We reserve the right to transfer your Personal Information, Browsing Information, as well as any other information, in connection with the sale or other disposition of all or part of the FNF business and/or assets, or in the event of our bankruptcy, reorganization, insolvency, receivership or an assignment for the benefit of creditors. You expressly agree and consent to the use and/or transfer of this information in connection with any of the above described proceedings. We cannot and will not be responsible for any breach of security by any third party or for any actions of any third party that receives any of the information that is disclosed to us.

Choices With Your Information

Whether you submit your information to FNF is entirely up to you. If you decide not to submit your information, FNF may not be able to provide certain products or services to you. You may choose to prevent FNF from using your information under certain circumstances ("opt out"). You may opt out of receiving communications from us about our products and/or services.

Security And Retention Of Information

FNF is committed to protecting the information you share with us and utilizes a combination of security technologies, procedures and safeguards to help protect it from unauthorized access, use and/or disclosure. FNF trains its employees on privacy practices and on FNF's privacy and information security policies. FNF works hard to retain information related to you only as long as reasonably necessary for business and/or legal purposes.

Information From Children

The Website is meant for adults. The Website is not intended or designed to attract children under the age of thirteen (13). We do not collect Personal Information from any person that we know to be under the age of thirteen (13) without permission from a parent or guardian.

Access and Correction

To access your Personal Information in the possession of FNF and correct inaccuracies, please contact us by email at privacy@fnf.com or by mail at:

Fidelity National Financial, Inc. 601 Riverside Avenue Jacksonville, Florida 32204 Attn: Chief Privacy Officer

Your Consent To This Privacy Notice

By submitting Personal Information and/or Browsing Information to FNF, you consent to the collection and use of information by FNF in compliance with this Privacy Notice. We reserve the right to make changes to this Privacy Notice. If we change this Privacy Notice, we will post the revised version on the Website.

Privacy Outside the Website

The Website may contain links to other websites, including links to websites of third party service providers. FNF is not and cannot be responsible for the privacy practices or the content of any of those other websites.

International Users

Because FNF's headquarters is located in the United States, we may transfer your Personal Information and/or Browsing Information to the United States. By using our website and providing us with your Personal Information and/or Browsing Information, you understand and consent to the transfer, processing and storage of such information outside your country of residence, as well as the fact that we will handle such information consistent with this Privacy Notice.

Do Not Track Disclosures

Currently, our policy is that we do not recognize "do not track" requests from Internet browsers and similar devices.

The California Online Privacy Protection Act

For some websites which FNF or one of its companies owns, such as the Customer CareNet ("CCN"), FNF is acting as a third party service provider to a mortgage loan servicer. In those instances, we may collect certain information on behalf of that mortgage loan servicer, including:

- first and last name;
- property address;
- · user name and password;
- loan number;
- social security number masked upon entry;
- email address:
- · security questions and answers; and
- IP address.

The information you submit is then transferred to your mortgage loan servicer by way of CCN. The mortgage loan servicer is responsible for taking action or making changes to any consumer information submitted through this website. For example, if you believe that your payment or user information is incorrect, you must contact your mortgage loan servicer.

CCN does not share consumer information with third parties, other than those with which the mortgage loan servicer has contracted to interface with the CCN application. All sections of this Privacy Notice apply to your interaction with CCN, except for the sections titled Choices with Your Information, and Access and Correction. If you have questions regarding the choices you have with regard to your personal information or how to access or correct your personal information, contact your mortgage loan servicer.

Contact FNF

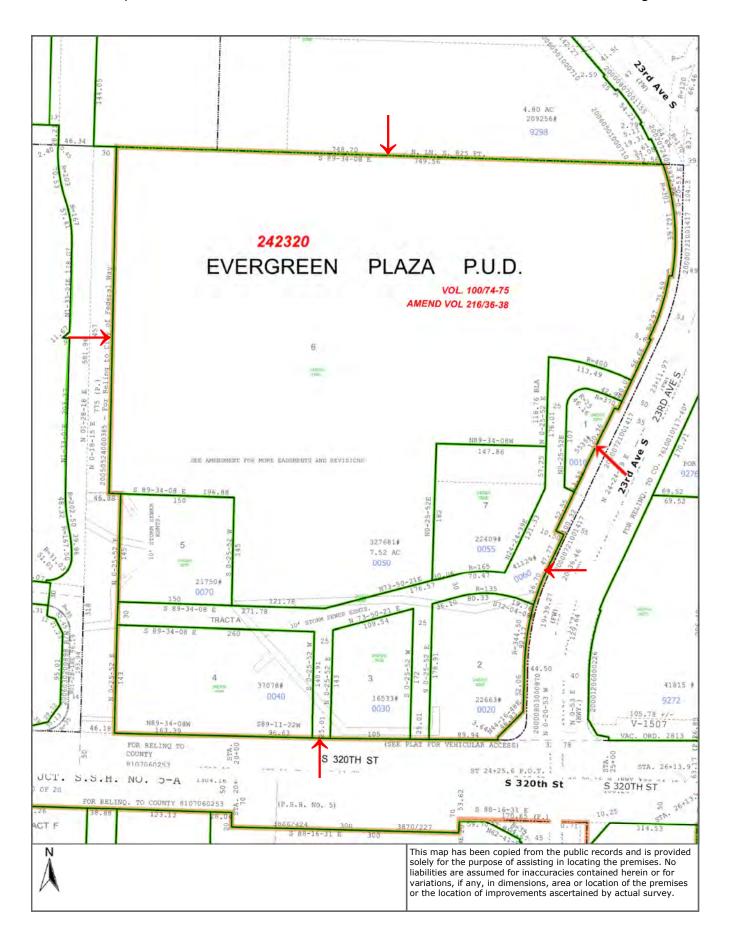
Please send questions and/or comments related to this Privacy Notice by email at privacy@fnf.com or by mail at:

Fidelity National Financial, Inc. 601 Riverside Avenue Jacksonville, Florida 32204 Attn: Chief Privacy Officer

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EFFECTIVE AS OF APRIL 1, 2016

Page 1 of 1 Assessor-Map



After recording return to:

Winson at Federal Way LLC 8636 NE 7th Street Medina, WA 98039



E2686722 08/25/2014 15:25 KING COUNTY, UA TAX \$213,605.00 \$213,605.00 \$12,000,000.00

PAGE-001 OF 001

Reference: 20369453--410--MP2

STATUTORY WARRANTY DEED

THE GRANTOR(S) **Byung Chan Park and Young Su Park, husband and wife,** for and in consideration of Ten (\$10.00) Dollars and other good and valuable consideration in hand paid, conveys and warrants to **Winson at Federal Way LLC, a Washington limited liability company** the following described real estate, situated in the County of **King**, State of **Washington**:

LOTS 1 AND 6 AND TRACT A OF AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN / PUD, RECORDED SEPTEMBER 9, 2003 UNDER RECORDING NO. 20030909000708 IN VOLUME 216, PAGES 36 TO 38, IN KING COUNTY, WASHINGTON;

EXCEPTING THEREFROM THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER KING COUNTY RECORDING NO. 20050524000385.

SITUATE IN THE CITY OF FEDERAL WAY, COUNTY OF KING, STATE OF WASHINGTON.

Subject to: Those items specifically set forth on Exhibit "A" attached hereto.

Tax Parcel Number(s): 242320 0050, , 242320 0060, 2423200010

Recorded at the request of FIDELITY NATIONAL TITLE MAJOR ACCOUNTS

Order # 20369453 (7)78

Statutory Warranty Deed

LPB-10-05 (ltr) (1/06)

Fidelity National Title of Washington, Inc.

Reference: Statutory warranty beed 20309453 410 MP2
Dated: <u>August 18, 2014</u>
By Chyh 2ft
Byung Chan Park Voung Su Park
State of Washington
County of SNOHOMESIX
On this 21st day of AMGUST , 2014 , before me personally appeared BYUNG CHAN PALIC & YOUNG SU PAUL to me known to be the individual(s) described in and who executed the within and foregoing instrument, and acknowledged that Thry signed the same as Thric free and voluntary act and deed for the uses and purposes therein mentioned. Given under my hand and official seal the day and year last above written.
Michael & Joshnot
Notary Public in and for the State of WA Residing at
Notary Public State of Washington MICHAEL B JOEHNK My Appointment Expires Sep 29, 2015

Exhibit A

Subject to:

1.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:Llakehaven sewer district, a municipal corporation

PURPOSE: sewer mains

AREA AFFECTED: A PORTION OF tract a

RECORDED: June 17, 1976 RECORDING NO.: 7606170594

2.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE: Puget Sound Power & Light Company, a Washington

corporation

PURPOSE: Electric transmission and distribution lines

AREA AFFECTED: A PORTION OF tract a

RECORDED: April 18, 1977 RECORDING NO.: 7704180627

Said easement is a re-recording of the easement recorded on july 9, 1976, under King County Recording No. 7607090505.

3.

ALL COVENANTS, CONDITIONS, RESTRICTIONS, but omitting any covenants or restrictions, if any, based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY, DISCLOSED BY THE RECORDED planned unit development OF evergreen plaza in volume 100 pages 74 and 75.

said pud amended by instrument recorded under recording number 20030909000708

4.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

Disclosed BY: Ordinance No. 2813
PURPOSE: Public utilities
AREA AFFECTED: LOT 1 AND tract a
RECORDED: September 3, 1976
RECORDING NO.: 7609030662

Exhibit A (Continued)

5.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

Lakehaven sewer district, a municipal corporation

PURPOSE:

sewer mains

AREA AFFECTED: RECORDED:

A PORTION OF lot 6 August 30, 1977

RECORDING NO.:

7708300861

6.

Reciprocal non-exclusive easement AND THE TERMS AND CONDITIONS THEREOF:

September 22, 1977

RECORDING NO.:

7709220881

REGARDING:

Access, ingress and egress

7.

AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

RECORDED:

October 6, 1978

RECORDING NO.:

7810060768

REGARDING:

Domestic water supply

Affects:

Lot 6

8.

AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

RECORDED:

October 9, 1978

RECORDING NO.:

7810090769

REGARDING:

Sewage disposal system

9.

Easement for UNDERGROUND electric system AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

Puget Sound Power & Light Company, a Washington

AREA AFFECTED: RECORDED:

A PORTION OF tract 6

February 7, 1979 7902070655

RECORDING NO.:

Contains covenant prohibiting structures over said easement or other activity which might endanger the underground system.

10.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

Lakehaven sewer district, a municipal corporation

PURPOSE:

sewer mains

AREA AFFECTED:

A PORTION OF SAID PREMISES

RECORDED:

May 8, 1979

RECORDING NO.:

7905080915

Exhibit A (Continued)

11.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

King county water district no. 124, a municipal

corporation

PURPOSE:

Water mains

AREA AFFECTED:

A PORTION OF SAID PREMISES

RECORDED:

February 25, 1980

RECORDING NO.:

8002250543

12.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

Pacific Northwest Bell Telephone Company, a

Washington corporation

PURPOSE:

Communication lines, conduit A PORTION OF SAID PREMISES

AREA AFFECTED: RECORDED:

May 14, 1992

RECORDING NO.:

9205140334

13.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

Washington natural gas company, a Washington

PURPOSE:

Gas pipeline(s)

AREA AFFECTED:

A PORTION OF SAID PREMISES

RECORDED:

November 18, 1994

RECORDING NO.:

9411180603

14.

Restrictive Covenant THE TERMS AND CONDITIONS THEREOF:

RECORDED:

October 12, 1995

RECORDING NO.:

9510121424

REGARDING:

soil contaminants

15.

Restrictive Covenant THE TERMS AND CONDITIONS THEREOF:

RECORDED:

August 10, 1998

RECORDING NO.:

9808101434

REGARDING:

Soil contaminants

Affects:

Lot 6

Exhibit A (Continued)

16.

Declaration of EASEMENTs and Covenants AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE: PURPOSE:

Wendy's International, inc., an Ohio corporation Parking, driveways, trash enclosure, signage and

landscaping

AREA AFFECTED:

A PORTION OF lot 6

RECORDED:

July 3, 2000

RECORDING NO.:

20000703001131

17.

Permanent beautification EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

City of Federal Way, a Washington municipal corporation

AREA AFFECTED: RECORDED: A PORTION OF tract a November 17, 2000

RECORDED:

20001117001156

18.

ALL COVENANTS, CONDITIONS, RESTRICTIONS, but omitting any covenants or restrictions, if any, based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY, DISCLOSED BY THE BOUNDARY LINE ADJUSTMENT RECORDED UNDER RECORDING NO. 20010215900003.

18.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

Wendy's International Inc., an Ohio Corporation

PURPOSE:

water lines

AREA AFFECTED:

A PORTION OF SAID PREMISES

RECORDED: RECORDING NO.: March 2, 2001 20010302002469

20.

Permanent and Temporary Construction EASEMENT for surface water facilities AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

City of Federal Way, a Washington municipal corporation

AREA AFFECTED:

A PORTION OF SAID PREMISES

RECORDED:

January 11, 2002

RECORDING NO.:

20020111002121

21.

Easement and Purchase and Sale AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

RECORDED: RECORDING NO.: March 26, 2002 20020326002343

REGARDING:

Formation of a limited improvement district

22.

Declaration of Easements and Covenants AND THE TERMS AND CONDITIONS

THEREOF:

RECORDED:

RECORDING NO.:

December 30, 2003 20031230000248

23.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:

Puget Sound Energy, Inc., a Washington corporation

PURPOSE:

utility systems

AREA AFFECTED:

A PORTION OF Tract A January 15, 2004

RECORDED: RECORDING NO.:

20040115000654

24.

MEMORANDUM OF LEASE:

LESSOR:

Seatac plaza limited partnership, a Washington limited

partnership

LESSEE:

Evergreen State Limited Partnership No. 4, a Washington

limited partnership, d/b/a outback steakhouse

DATED:

September 21, 1995

RECORDED: RECORDING NO.: April 2, 1996 9604020570

Lessee's interest in the lease is was assigned by instrument.

ASSIGNEE:

U.S. Bank of Washington, national association

RECORDING NO.:

9605060321

25.

MATTERS SET FORTH BY SURVEY:

RECORDED:

March 25, 1985

RECORDING NO.: 850

8503259001

26.

MATTERS SET FORTH BY SURVEY:

RECORDED:

March 8, 1995

RECORDING NO.:

9503089002

27. Matters of survey by White & Shield, Inc., dated January 28, 2003, Job No. 24320050.

AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN/ PUD

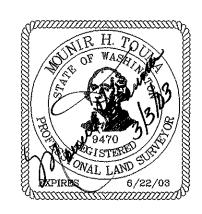
THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON

DEDICATION

VE, THE UNDERSIGNED OWNERS OF THE HEREIN DESCRIBED PROPERTIES, MAKE A SUBDIVISION RAPHICALLY REPRESENTED BY ATTACHED BINDING SITE PLAN.	
D. Mouin Sunt	
PY: BSP, LOT # 1, 5 AND 6 BY: BSP LOT # 1 WILL D'AULTON	
BY: BSP LOT # 7 AERILI B. ANDERSON Executive Vice President & Chief Florachi Officer	
Y: BSP LOT # 3	>
ACKNOWLEDGMENTS	
STATE OF WASHINGTON)	
COUNTY OF KING)	
THIS IS TO CERTIFY THAT ON THIS 12 th DAY OF March, 2003 BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED D. Michael Dumne Managing partner of DCGTT LCC THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME	
THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.	
WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST, ABOVE WRITTEN. NOTARY PUBLIC IN AND FOR THE STATE OF WASHINGTON, RESIDING AT WASHING AT	
STATE OF Ohio) COUNTY OF Franklin)	
THIS IS TO CERTIFY THAT ON THIS 28th DAY OF March, 2003, BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED Kernib. Anderson Executive Vice President + CFO OF Wendy's Thernational, The That executed the foregoing dedication, and who acknowledged to me the said instrument to be the free and voluntary act and deed of said association, for the uses and purposes therein mentioned, and on oath stated that he was authorized to execute the said instrument.	
WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.	
DARCY B. MINAL NOTARY PUBLIC IN AND FOR THE STATE OF ON 10 RESIDING AT 5344 CAIED Dr. CO LUNGUS, DH 43220 TO CO STATE OF COMMISSION EXPIRES AUGUST 23, 2005	
STATE OF SOUTH CAROLINA)	
COUNTY OF SPARTANBURG)	
THIS IS TO CERTIFY THAT ON THIS 2310 DAY OF LOWY, 2003 BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED MOUNTR N. SAWDA OF DENNY'S BEALTY INC. THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED	
THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT. WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.	
Omsky E Hemming Notary Public Notary Public	

NOTARY PUBLIC IN AND FOR THE STATE OF MY COMMISSION EXPIRES APRIL 22, 2004
South Calouna RESIDING AT 100 Due Hill Road

44NDRUM 50 29354



STATE OF Wash THIS IS TO CERTIFY THAT ON THIS 3044 DAY OF UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.

WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.

NOTARY PUBLIC IN AND FOR THE STATE

WA RESIDING AT TOWNS STATE OF Wash

COUNTY OF KING THIS IS TO CERTIFY THAT ON THIS_ OF __

THAT EXECUTED' THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.

WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.

NOTARY PUBLIC IN AND FOR THE STATE OF WA RESIDING AT KENT 98032

ACCESS NOTES

NO DIRECT VEHICULAR ACCESS FROM SOUTH 320TH STREET TO LOTS 2, 3 AND 4 OR FROM LOTS TO SOUTH 320TH STREET IS ALLOWED. VEHICULAR MOVEMENTS BETWEEN TRACT B AND SOUTH 320TH STREET ARE SUBJECT TO THE FOLLOWING **RESTRICTIONS:**

- 1. BETWEEN LOTS 2 AND 3 RIGHT IN ONLY
- 2. BETWEEN LOTS 3 AND 4 RIGHT OUT ONLY.
- 3. WEST OF LOTS 4 RIGHT IN, LEFT IN AND RIGHT OUT.

SPECIAL NOTES

THE AMENDMENT TO THE "EVERGREEN PLAZA BINDING SITE PLAN/PUD" IS PREPARED TO ALTER THE LANGUAGE OF THE UNDERLYING "EVERGREEN PLAZA" PUD" AND ELIMINATE THE DRAINAGE TRACT LIMITATION FROM THE FACE OF THE

ZONING/COMPREHENSIVE PLAN - CITY CENTER CORE (ZONE =CC-C)

SHEET 1 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU

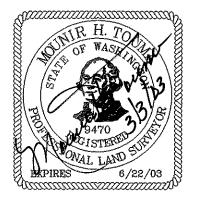


6632 SOUTH 191ST PLACE, SUITE E-102 . KENT, WA 98032

AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN/ PUD

THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON

APPROVALS
CITY OF FEDERAL WAY
Examined and approved this 29 day of August , 2003
Kar Miller (Gr)
DIRECTOR OF PUBLIC WORKS
Examined and approved this 29th day of August , 2003
DIRECTOR OF COMMUNITY DEVELOPMENT
KING COUNTY DEPARTMENT OF ASSESSMENTS
Examined and approved this 3rd day of September, 2003
Scott Noble ASSESSOR
DEPUTY ASSESSOR
RECORDING CERTIFICATE
FILED FOR RECORD AT THE REQUEST OF THE FEDERAL WAY CITY COUNCIL THIS PASTAL A.D. 2003 . AT MINUTES PASTAL A.D. AND RECORDED
IN VOLUME OF PLATS, PAGE , RECORDS OF KING COUNTY. KING COUNTY, WASHINGTON
DIVISION OF RECORDS AND ELECTIONS 3000 Losson Loss
MANAGER SUPERINTENDENT OF RECORDS
SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THIS BINDING SITE PLAN IS BASED UPON AN ACTUAL SURVEY AND SUBDIVISION OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4E, W.M., THAT THE COURSES AND DISTANCES ARE SHOWN CORRECTLY THEREON; I HAVE COMPLIED WITH ALL STATE COUNTY AND CITY REGULATIONS GOVERNING PLATTING
m. III
MOUNIR H. TOUMA PLS.
PROFESSIONAL LAND SURVEYOR CERTIFICATE NO 9470



LEGAL DESCRIPTION

PARCEL A

TRACTS B, C AND LOT 1, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON;

TOGETHER WITH LOT 2 OF CITY OF FEDERAL WAY BOUNDARY LINE ADJUSTMENT NUMBER BLA 00-104493, RECORDED UNDER RECORDING NUMBER 20010215900003; EXCEPT THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER RECORDING NUMBER 200007211001417.

PARCEL B

LOT 1 OF CITY OF FEDERAL WAY BOUNDARY LINE ADJUSTMENT NUMBER BLA 00-104493, RECORDED UNDER RECORDING NUMBER 2001021500003.

PARCEL C

LOT 2, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON;

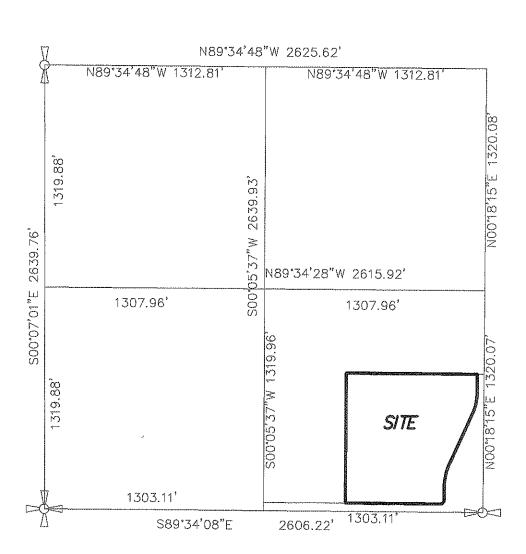
EXCEPT THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER RECORDING NUMBER 20000803000870.

PARCEL D

LOT 3, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON.

PARCEL E

LOT 4, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON.



DEVELOPER:

DCG II, LLC 10818 SE KENT-KANGLEY RD. SUITE 104 KENT, WA. 98031

OWNERS:

DCG II, LLC 10818 SE KENT-KANGLEY RD SUITE 104 KENT, WA 98031 PHONE 253-852-6400

Denny's, Inc. 3345 Michaelson Drive Suite 200 Irvine, CA 92715

Wendy's International, Inc. 4288 W. Dublin Granville Road Dublin, Ohio 43017

Washington Federal Savings and Loan 1119 Pacific Avenue, M.S. 0291 Tacoma, WA 98402

ARG Enterprises, Inc. 4410 El Camino Real Suite 201 Los Altos, CA 94022

SURVEYOR:

TOUMA ENGINEERS/LAND SURVEYORS 6632 SOUTH 191ST PLACE SUITE E102 KENT, WA 98032 PHONE 425-251-0665

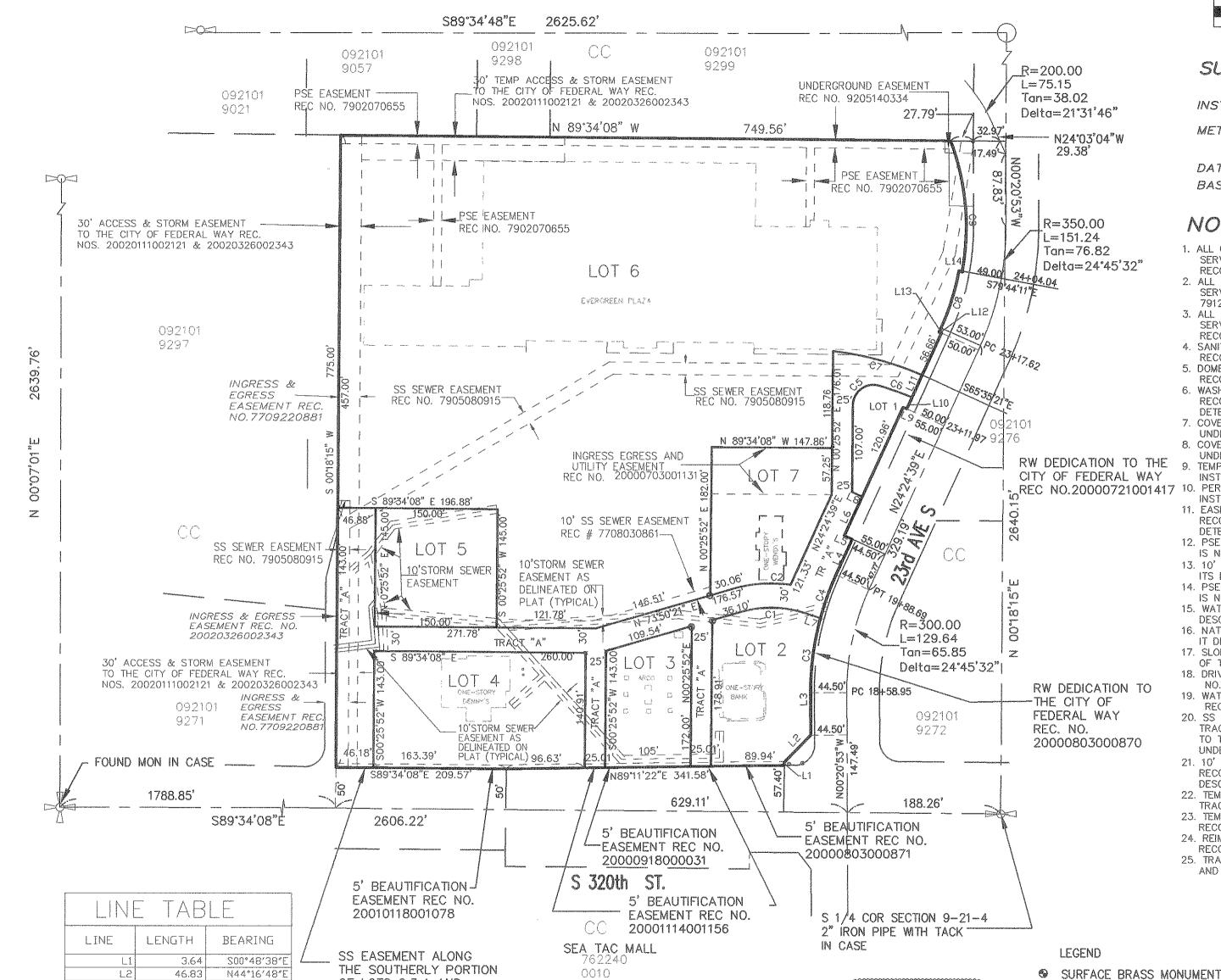
SHEET 2 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU



6632 SOUTH 191ST PLACE, SUITE E-102 . KENT, WA 98032 PHONE (425) 251-0665 • FAX (425) 251-0625

THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON



CURVE

C2

C4

C5

C6

С7

C9

LENGTH | RADIUS |

80.33

70.47

92.1

56.70

46.16

42.94

113.49

73.59

162.65

OF LOTS 2,3,4 AND

7606170594 SEE NOTES

TR "A" REC NO.

52,06

47,77

10,50

19.76

5.00

15.36

30.01

5.62

L12

L13

L14

N00°20′53″W

S24°24'39"W

N65°35'21"W

S24°24'39"W

N72°04'08"W

N65°35′21″W

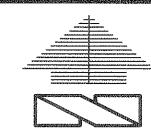
S24°24'39"W

S24°24'39"W

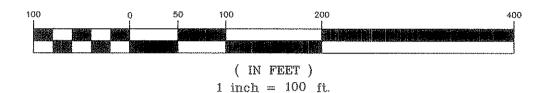
N65°35'21"W

S79°44′11″E

S24°24'35"W



GRAPHIC SCALE



SURVEY NOTES

INSTRUMENT: NIKON TOTAL STATION DTM-A10LG (5 SECOND INSTRUMENT). METHOD USED: FIELD TRAVERSE WITH ACTUAL FIELD MEASUREMENTS AND ANGLES

WAC 332-130-090 DATE OF SURVEY: JUNE 2001

BASIS OF BEARING: THE PLAT OF EVERGREEN PLAZA VOL. 100,

PAGE 74, RECORDS OF KING CO.

NOTES

- 1. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENT FOR OTHER SERVITUDES, IF ANY, DISCLOSED BY THE RECORDED PLAT OF EVERGREEN PLAZA, AS RECORDED IN VOLUME 100 OF PLATS, PAGE 74, RECORDS OF KING COUNTY, WASHINGTON,
- 2. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY DISCLOSED BY THE SHORT PLAT RECORDED UNDER RECORDING NO. 7912270667, RECORDS OF KING COUNTY, WASHINGTON.
- 3. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY DISCLOSED BY THE BOUNDARY LINE ADJUSTMENT RECORDED UNDER
- RECORDING NO. 20010215900003, RECORDS OF KING COUNTY, WASHINGTON.
 4. SANITARY SEWER EASMENT & AGREEMENT AND TERMS AND CONDITIONS RECORDED UNDER
- RECORDING NO. 7810090769, RECORDS OF KING COUNTY, WASHINGTON 5. DOMESTIC WATER EASEMTN & AGREEMENT AND TERMS AND CONDITIONS RECORDED UNDER
- RECORDING NO. 7810090768, RECORDS OF KING COUNTY, WASHINGTON.

 WASHINGTON NATURAL GAS COMPANY EASEMENT AND TERMS AND CONDITIONS
 RECORDED UNDER RECORDING NO. 9411180603. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
- 7. COVENANTS, CONDITIONS AND RESTRICTIONS IMPOSED BY INSTRUMENT RECORDED
- UNDER RECORDING NO. 9510121424, IN KING COUNTY, WASHINGTON. 8. COVENANTS, CONDITIONS AND RESTRICTIONS IMPOSED BY INSTRUMENT RECORDED
- UNDER RECORDING NO. 9808101434, IN KING COUNTY, WASHINGTON.
- 9. TEMPORARY CONSTRUCTION EASEMENT AND THE TERMS AND CONDITIONS IMPOSED BY INSTRUMENT RECORDED UNDER RECORDING NO. 20000721001418.
- REC NO.20000721001417 10. PERMANENT BEAUTIFICATION EASEMENT AND THE TERMS AND CONDITIONS IMPOSED BY INSTRUMENT RECORDED UNDER RECORDING NO. 20001117001156.
 - 11. EASEMENT AND THE TERMS AND CONDITIONS FOR PUGET POWER UNDERGROUND EASEMENT RECORDED UNDER RECORDING NO. 7912280536. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
 - 12. PSE EASEMENT RECORDED UNDER RECORDING NO. 7707070686. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
 - 13. 10' WATER EASEMENT EASEMENT RECORDED UNDER RECORDING NO. 7606170697 ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
 - 14. PSE EASEMENT RECORDED UNDER RECORDING NO. 7912280536, ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
 - 15. WATER EASEMENT RECORDED UNDER RECORDING NO. 8002250543. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMIN ITS EXACT LOCATION.

 - 16. NATURAL GAS EASEMENT RECORDED UNDER RECORDING NO. 9205140334.

 IT DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.

 17. SLOPE EASEMENT AFFECT THE EAST BOUNDARY OF TRACT A, B AND LOT 1
 - OF THE ORIGINAL PUD RECORDED UNDER RECORDING NO. 7610010118.
 - 18. DRIVEWAY EASEMENT OVER LOT 1 RECORDED UNDER RECORDING
 - NO. 2000070300130. 19. WATER MAINTENACE EASEMENT ACROSS LOT 1 OF FWBLA 00-104493
 - RECORDED UNDER RECORDING NO. 20010302002469.
 - 20. SS EASEMENT ALONG THE NORTH 15 FEET OF THE SOUTH 65 FEET OF TRACT A, LOTS 2,3 AND 4 MEASURED AT RIGHT ANGLES AND PARALLEL TO THE CENTERLINE OF SOUTH 320TH STREET RIGHT OF WAY RECORDED UNDER RECORDING NO. 7606170594.
 - 21. 10' WATER EAEMENT ALONG THE SOUTH PORTIONS OF LOTS 2. 3 AND 4 RECORDED UNDER RECORDING NO. 7606170697. ITS
 - DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
 - 22. TEMPORARY CONSTRUTION EASEMENT ALONG THE EAST BOUNDARY (TRACTS A, LOTS 1 & 6 RECORDED UNDER RECORDING NO. 20000721001418.
 - 23. TEMPORARY CONSTRUCTION EASEMENT ALONG THE EAST BOUNDARY OF LOT 2
 - RECORDED UNDER RECORDING NO. 20000803000872 24. REIMBUSEMENT, TOLLING & STANDSTILL AGREEMENT AFFECTS LOT 4
 - RECORDED UNDER RECORDING NO. 20000628001265.
 - 25. TRACT A OF THE AMENDED EVERGREEN PLAZA IS FOR THE PURPOSE OF VEHICULAR AND PEDESTRIAN TRAFFIC ACCESS WITHIN THE PLAZA.

\$197724414744144141414141414141414141414141	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
BSP LOT NO.	EXISTING LOT NO.	AREA-SI
LOT 1	LOT 1 OF PUD	5,535
LOT 2	LOT 2 OF PUD	22,663
LOT 3	LOT 3 OF PUD	16,533
LOT 4	LOT 4 OF PUD	37,078
LOT 5	TRACT "C" OF PUD	21,750
LOT 6	LOT 2 OF FWBLA 00-104493	341,390
LOT 7	LOT 1 OF FWBLA 00-104493	22,409
TRACT "A"	TRACT "8" OF PUD	51,797

SHEET 3 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU

SET 1/2" REBAR

CO QUARTER CORNER

DÖ□ SECTION CORNER

O FOUND REBAR & CAP OR IRON PIPE

M PK NAIL

STRH. TO

6/22/03

DELTA

15°19'44'

09°25'48

06°38'57

16°15'23'

14°11'48'

135.00 34°05'31

165.00 24°28'20

25.00 105°46'59

301.00 30°57'40'

344.50

344.50

370.00

400.00

297.00



6632 SOUTH 191ST PLACE, SUITE E-102 ° KENT, WA 98032 PHONE (425) 251-0665 • FAX (425) 251-0625

Return Address:

Ŧ

City of Federal Way Attn: Law Dept. 33325 8th Ave S PO Box 9718 Federal Way, WA 98063-9718



E2125024

05/24/2005 09:54

KING COUNTY LIA

SALE

\$2.00
\$6.00

PAGE001 OF 001

STATUTORY WARRANTY DEED

Grantor (s): DCG II LLC

Grantee (s): CITY OF FEDERAL WAY, a Washington municipal corporation

Property Legal Description (abbreviated): West 30 feet of Lot 2 of King County Short Plat 1079107, together with approximately the West 46.88 feet of Tract B of the Plat of Evergreen Plaza as recorded in Volume 100 of Plats, pages 74-75.

Additional Legal(s) on Exhibit A

Assessor's Tax Parcel ID#(s): 2423200050 and 2423200060

THE GRANTOR, DCG II LLC a Washington Limited Liability Corporation for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, and under threat of the exercise of eminent domain, conveys and warrants to the CITY OF FEDERAL WAY, a Washington municipal corporation, the real property described in Exhibit "A" herewith attached and made a part hereof, and any after-acquired interest therein, situated in King County in the State of Washington.

GRANTOR

DCG II LLC

 $\mathbf{p}_{\mathbf{m}}$ /

(signature)

(typed/printed name)

MANAGING PANTUE

(tittle)

STATE OF WASHINGTON)
) ss
COUNTY OF KING)

On this day personally appeared before me D. MICHAEL DUNNE, to me known to be the Manager of DCG II, LLC, the Washington limited liability company that executed the within and foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of such limited liability company for the uses and purposes therein mentioned, and on oath stated that she/he was authorized to execute said instrument.

WITNESS my hand and official seal hereto affixed this 2

day of

Did in M. D. I

NOTARY PUBLIC in and for the State of

Washington.

My Appointment Expires March 15, 2006.

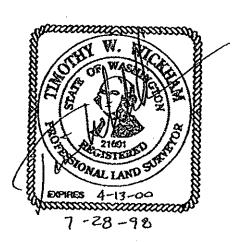
TRACT X

THAT PORTION OF TRACT B OF THE PLAT OF EVERGREEN PLAZA AS RECORDED IN VOLUME 100 OF PLATS AT PAGE 74 AND 75 , RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS

BEGINNING AT THE SOUTHWEST CORNER OF SAID TRACT B, SAID CORNER ALSO BEING THE SOUTHWEST CORNER OF SAID PLAT, THENCE NORTH 00°18'15" EAST ALONG THE WEST LINE OF SAID TRACT B, 318 00 FEET TO THE NORTHWEST CORNER OF SAID TRACT B, THENCE SOUTH 89°34'08" EAST ALONG THE NORTH LINE OF SAID TRACT B, 46 88 FEET TO THE NORTHEAST CORNER OF SAID TRACT B, THENCE SOUTH 00°25'52" WEST, 318.00 TO THE SOUTH LINE OF SAID TRACT B, THENCE NORTH 89°34'08" WEST ALONG SAID SOUTH LINE, 46 18 FEET TO THE POINT OF BEGINNING

TOGETHER WITH THE WEST 30 FEET OF LOT 2 OF KING COUNTY SHORT PLAT 1079107 AS RECORDED UNDER RECORDING NUMBER 7912270667, RECORDS OF KING COUNTY, WASHINGTON

CONTAINING 28,506 SQUARE FEET



6170594

EASEMENT

THIS AGREEMENT made this 10thday of June , 19 76 , by and between the LAKEHAVEN SEWER DISTRICT, a municipal corporation of King County, Washington, hereinafter termed "Grantee", and ANTHONY H. BARASH, TRUSTEE for EVERGREEN FEDERAL WAY TRUST
hereinafter termed "Grantor".

WITNESSETH:

That the said Grantor for valuable consideration does by these presents grant unto the Grantee a perpetual right-of-way or easement for sewer mains with the necessary appurtenances through, over, and across the following property, described as follows:

That portion of the North 15 feet of the South 65 feet of the East 817.35 feet of the Southeast quarter of the Southwest quarter of Section 9, Township 21 North, Range 4 East, W.M. in King County, Washington lying Northerly of the following described line.

Beginning at a point on the East line of said Southeast quarter of the Southwest quarter which is North 0°18'15" East along said East line 63.17 feet from the Southeast corner thereof; Thence South 89°11'22" West 607.89 feet to a point on the North line of the South 50 feet of said subdivision; Thence North 89°34'08" West along said North line 209.57 feet to the West line of the East 817.35 feet of said subdivision and the terminus of said described line.

LESS that portion lying Easterly of the Westerly margin of the F. R. Line right-of-way as shown on State Highway Map thereof, 'SR 5 Pierce County line to Junction S.S.H. 5-A King County" Sheet 8 of 10.

1% EXCISE TAX NOT REQUIRED

A Co. Records Division

By Deputy

Easement No. 443-332

Said Grantee shall have the right without prior institution of any sait or proceeding at law, at such times as may be necessary, to enter upon said easement for the purpose of constructing, maintaining, repairing, altering or reconstructing said sewer main, or making any connections therewith, without incurring any legal obligation or liability therefore; provided that such shall be accomplished in a manner that existing private improvements shall not be disturbed or destroyed, or in the event that they are disturbed or destroyed, they will be replaced in as good a condition as they were immediately before the property was entered upon by the Grantee.

The Grantor shall retain the right to use the surface of said easement if such use does not interfere with installation or maintenance of the sewer main. However, the Grantor shall not erect buildings or structures on the easement.

This easement shall be a covenant running with the land and shall be binding on the successors, heirs, and assigns of both of the parties hereto.

EVERGREEN FEDERAL WAY TRUST
By: WelfDMh Theade
By: ANTHONY H. BARASH, TRUSTEE
Ву:
STATE OF CALIFORNIA
COUNTY OF LOS) ANGELES
I, the undersigned, a notary public in and for the State of California hereby certify that on this // day of
o me known to be the <u>Frustee</u>
of the <u>Evergreen Federal</u> Way Trust
tho executed the foregoing instrument and acknowledged that he signed
the same as his free and voluntary act and deed, for the uses and purposes
herein mentioned, and on oath stated that he is authorized to execute the
aid instrument.



Notary Public in and for the State of California.

JUN-17-76 LOOZ 4 8 7606170594 -- E RF

3.00

Recerded no recurre

Filed at the Request of:

P. O. BOX 3046
FEDERAL WAY, WASH. 9800

32

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6-8-76						and the state of t	•
jb		•			ØAVE	MODNEY	
			Introduced	py:		3 - 51	Ę

ordenance no. 2813

AN ORDINANCE relating to the Vacation of a Portion of South 320th Street. Potitioner: Evergreen Federal Way Trust ...

STATEMENT OF FACTS

- 1. A petition has been filed requesting vacation of a portion of South 320th Street, hereinafter described.
- 2. The report of the Department of Public Works and Transportation, Building and Land Development, Real Property Division and Traffic and Planning Division, finds that the portion to be vacated is useless to the County and the vacation would not be in conflict with the principles and purposes of the comprehensive plan and the specific plans in the vicinity of the proposed vacation.
- 3. The portion petitioned for vacation was obtained by the State of Washington, Department of Highways by condemnation (Court Cause No. 535008). We have contacted the several utilities serving the area. Easements have been prepared by Water District No. 124, Puget Sound Power and Light Company and Lake Haven Sewer District, and have been forwarded to the trustee in California for signature. We have been assured by the petitioner's attorney, William D. Stites of the firm of Ferguson & Burdel, that the easements will be executed and promptly returned to the local utilities.
- 4. The subject vacation is a condition of approval required by the King County Council for the Evergreen Plaza Planned Unit Development (File No. 239-75-P).

Due notice was given in the manner provided by law and a hearing was held by the King County Council on the 26th day of July, 1976.

In consideration of the benefits to be derived from the subject vacation, the Council has determined that it is in the best interest of the citizens of King County to grant said petition,

BE IT ORDAINED BY THE COUNCIL OF THE COUNTY OF KING:

The Council on the 26 th day of July, 1976, hereby SECTION 1. vacates and abandons a portion of South 320th Screet, described as follows:

ED	Social rol	ξί	Request	01
. Co man	ww	v.		
Hanne				

All that portion of So. 320th Street (P.S.H. No. 5) as condemned by Superior Court in Cause No. 535008, Records of King County, Washington, lying within the East 817.35 ft. of the S.E.½ of the S.W.½ of Section 9, Township 21 North, Range 4 East, W.M., in said County, and Nly of the following described line:

BEGINNING at a point on the East line of said subdivision which is North 0°18'15" East along said East line, 63.17 ft. from the S.E. corner thereof; Thence South 89°11'22" West 607.89 ft. to a point on the North line of the South 50 feet of said subdivision; Thence North 89°34'08" West along said North line 209.57 feet to the West line of the East 817.35 feet of said subdivision and the terminus of said described line, LESS that portion lying within the FR line Right-of-Way, as shown on state highway map thereof, "SR 5, Pierce County line to Junction SSH No. 5-A, King County" Sheet 8 of 10, ALSO reserving therein an easement for those utilities now located within that portion to be vacated, said parcel containing 17,665 Square Feet.

INTRODUCED AND READ for the first time this // th day of June, 1976.

PASSED	on	this	2612	_day	οſ	Acce,	1976.
--------	----	------	------	------	----	-------	-------

KING COUNTY COUNCIL KING COUNTY, WASHINGTON

Chairman

ATTEST:

Clerk of the Council

APPROVED this 28th day of July , 1976.

JOHN D. EPELIMAN, King County Executive

RECORDED NO RECORDS

FILED for Record at Request (

EASEMENT FOR

HIGHWAY SLOPES

FA No. 1-5-3(439)142

304102 27

In the Matter of SR 5, Pience County Line to Jot. SSH No. 5-A

KNOW ALL MEN BY THESE PRESENTS, that the grantor
ANTHONY H. BARASH, Trustee for Evergreen - Federal Way Trust

for and in consideration of MUTUAL BENEFITS

grants and conveys unto the STATE OF WASHINGTON and its assigns, an easement over, under, upon and across the hereinafter described lands for the purpose of constructing and maintaining highway slopes

in excavation and/or embankment,

Said lands being situated in follows:

King

County, State of Washington, and described as

That portion of the following described Parcel "A" lying between the hereiwafter described Lines 1 and 2:

Line 1: A line drawn 40 feet Westerly from and parallel with the FR Line centerline survey of SR 5, Pierce County Line to Jct. SSH No. 5-A.

Line 2: Beginning at a point 40 feet Westerly and opposite Highway Engineer's Stational (hereinafter referred to as H.E.S.) FR 12+30 on the FR Line centerline survey of said highway project; thence Northwesterly in a straight line to a point 55 feet Westerly and opposite H.E.S. FR 12+77.13; thence Northeasterly parallel with said centerline to a point opposite H.E.S. FR 16+06.31 P.C.; thence Northeasterly in a straight line to a point 40 feet Westerly and opposite H.E.S. 16+50; thence Northwesterly in a straight line to a point 60 feet Westerly and opposite H.E.S. 17+00; thence Northwesterly in a straight line to a point 60 feet Westerly and opposite H.E.S. FR 17+57.56 P.T.; thence Northerly parallel with said centerline to a point opposite H.E.S. FR 20+26.60 P.T. and the end of this line description.

PARCEL "A"

The South 825 feet of the East half of the East half of the Southeast quarter of the Southwest quarter of Section 9, Township 21 North, Range 4 East, W.M., in King County, Washington; EXCEPT that portion heretofore conveyed to the State of Washington by deed recorded under King County Recording No. 2727417 for State Road No. 5; AND EXCEPT that portion condemned by the State of Washington in King County Superior Court Cause No. 535008 for Primary State Highway No. 1.

The lands included in said easement contain an area of 0.19 acre, more or less, the specific details concerning all of which are to be found within that certain map of definite location now of record and on file in the office of the Director of Highways at Olympia, and bearing date of approval June 24, 1958, and revised March 19, 1976.

It being understood and agreed that in the event that the grantor, his heirs, or assigns, shall excavate and/or place an embankment upon the area covered by this slope easement to the level of the grade of the above-mentioned highway abutting thereon, all rights of the grantee herein shall cease and terminate.

THIS IS AN INCTH MALL OF YHS, STATE OF WASHINGTON RECORDED AT THE PEC. LST OF DEPARTMENT OF HIGHWAYS MID RECORDING FEE OF EXCITO TAKES TO BE CHARGED ON MEDICULE HTG TO THE STATE OF WAGHINGTON!

HWY FORM 252-102

Parcel No. 1-10783

shall not become binding upon the State of Washington unless and until accepted and approved hereon in writing for the State of Washington, Department of Highways by its Director or his duly authorized representative Accepted and Approved: Date . Department of Highways On this 17th day of MAY, 1976 before me personally appeared ANTHING H. BRESSH Trustee to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that

free and voluntary act and deed, for the uses and purposes/ signed and sealed the same as HE therein mentioned. Given under my hand and official seal the day and year last above written Notary Public in and for NOTORY PUBLIC - CALIFORNIA PRINCIPAL OFFICE IN LOS ANGELES COUNTY STATE OF County of On this day of before me personally appeared to me known to be the of the corporation that executed the foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that authorized to execute said instrument and that the seal affixed is the corporate seal of said corporation. Given under my hand and official seal the day and year last above written. HWY FORM 242-102A RECORDS & ELE RETURN TO! ELO SAFECO TITLE INS CO SENTILE RIGHT OF WAY UNIT IIGHWAY SLOPE County

It is understood and agreed that the delivery of this Easement is hereby tendered and that the terms and obligations hereof

\$788.30 s.79		rerecorded to correct the	3
	legal description.	EASEMENT'	

REDIV

For and in consideration of One Dollar hereby acknowledged	(\$1.00) and other	traluable pensidensia.	
hereby acknowledged,	Torroot and Onies	valuable consideration,	the receipt of which is

ANTHONY H. BARASH, trustee for Evergreen-Federal Way Trust,

Any interest of record or after acquired interest in that portion of South 320th lying adjacent to the following described property:

The east 817.35 feet of the Southwest 1/4 of Section 9, Township 21 North, Range 4 East, W.M., Except the south 90 feet thereof.

Except as may be otherwise set forth herein Grantee's rights shall be exercised upon that portion of the Property (the "Right-of-Way" herein) described as follows:

A Right-of-Way ten (10) feet in width having five (5) feet of such width on each side of a centerline described as follows:

The centerline of Grantee's facilities as constructed under, over and upon the above described right of way.

1% EXCISE TAX NOT REQUIRED

King/Co. Records Division

By ______, Deputy

- 1. Purpose. Grantee shall have the right to construct, operate, maintain, repair, replace and enlarge one or more electric transmission and/or distribution lines over and/or under the Right-of-Way together with all necessary or convenient appurtenances thereto, which may include but are not limited to the following:
 - a. Overhead facilities. Poles and/or towers with crossarms, braces, guys and anchors; electric transmission and distribution lines; communication and signal lines; transformers.
 - b. Underground facilities. Underground conduits, cables, vaults, manholes, switches and transformers; semi-buried or ground mounted facilities such as pads, transformers and switches.

Following the initial construction of its facilities, Grantee may from time to time construct such additional lines and other facilities as it may require.

- 2. Access. Grantee shall have the right of access to the Right-of-Way over and across the Property to enable Grantee to exercise its rights hereunder, provided, that Grantee shall compensate Grantor for any damage to the Property caused by the exercise of said right of access.
- 3. Cutting of Trees. Grantee shall have the right to cut or trim any and all brush or trees standing or growing upon the Right-of-Way, and also the right to cut or trim any trees upon the Properly which, in falling, could, in Grantee's reasonable judgment, be a hazard to Grantee's facilities.
- 4. Grantor's Use of Right-of-Way. Grantor reserves the right to use the Right-of-Way for any purpose not inconsistent with the rights herein granted, provided, that Grantor shall not construct or maintain any building or other structure on the Right-of-Way and Grantor shall do no blasting within 300 feet of Grantee's facilities without Grantee's prior written consent.
- 5. Indemnity. By accepting and recording this easement, Grantee agrees to indemnify and hold harmless Grantor from any and all claims for damages suffered by any person which may be caused by Grantee's exercise of the rights herein granted, provided, that Grantee shall not be responsible to Grantor for any damages resulting from injuries to any person caused by acts or omissions of Grantor.
- 6. Abandonment. The rights herein granted shall continue until such time as Grantee ceases to use the Right-of-Way for a period of five (5) successive years, in which event this easement shall terminate and all rights hereunder shall revert to Grantor, provided, that no abandonment shall be deemed to have occurred by reason of Grantee's failure to initially install its facilities on the Right-of-Way within any period of time from the date hereof.

KH-145

To Be Notarized

•	binding upon their respective successors and assigns.	
	DATED this 15 day of June.	, 19 <u>76</u> .
		GRANTOR EVERGENEEN FEDERAL WAY TRUST
		Anthony H. Barash , Trustee
		•
\ \ \\	·	
B	STATE OF CALIFORNIA)	
196	COUNTY OF LOS	
760	ANGELES On this day personally appeared before me	
•	to me known to be the individual described in an	d who executed the within and foregoing instrument, and free and voluntary act and deed for the uses
27	and purposes therein mentioned.	*
806	GIVEN under my hand and official seal this	day of, 19
704180627		
11		Notary Public in and for the State of California
	STATE OF CALIFORNIA SS	
	COUNTY OF LOS) ANGELES	
	On this 150 day of June 1	, 19//, before me, the undersigned, personally
	appeared Anthony H. Barash Trustee	, respectively, of Evergreen
	to me known to be the Trustee Federal Way Trust	the trust that executed
	the foregoing instrument, and acknowledged the said	d instrument to be the free and voluntary act and deed of
	said trust for the uses and purposes therein m authorized to execute the said instrument.	tendoned, and but basis stated that
•	Witness my hand and official seal hereto affixed	the day and year first above written.
	OFFICIAL SEAL	Notary Public in and for the State of California
	BETSY M. SUTTON NOTARY PUBLIC-CALIFORNIA LOS ANGELES COUNTY	· · · · · · · · · · · · · · · · · · ·
	My Commission Expires Apr. 9, 1978	· *

e re e e e

3.00 3.00 ATTENTION: ERIS L BAKER

APR 19 11 00 3H ***

RECOPPED NO RECORDS

Joh 9 10 02 17 175

RECORDED NO RECURDS

AUG-30-77 Loosou 7708300861

THIS AGREEMENT made this 30 day of June	, 19 <u>77</u>
by and between the LAKEHAVEN SEWER DISTRICT, a municipal corpor	
County, Washington, hereinafter termed "Grantee", and B J K Joint	t Venture
•	
hereinafter termed "Grantor".	

WITNESSETH:

That the said Grantor for valuable consideration does by these presents grant unto the Grantes a perpetual right-of-way or easement for sewer mains with the necessary appurtenances through, over, and across the following property, described as follows:

THE SOUTHERLY 10' OF TRACT 'A' OF THE PLAT OF EVERGREEN ESTATES SOUTH, AS RECORDED IN VOLUME 100 OF PLATS, PAGES 75-77, RECORDS OF KING COUNTY, WASHINGTON.

AUG 30 1 ST PM 11

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Said Grantee shall have the right without prior institution of any suit or proceeding at law, at such times as may be necessary, to enter upon said easement for the purpose of constructing, maintaining, repairing, altering or reconstructing said sewer main, or making any connections therewith, without incurring any legal obligation or liability therefore; provided that such shall be accomplished in a manner that existing private improvements shall not be disturbed or destroyed, or in the event that they are distrubed or destroyed, they will be replaced in as good a condition as they were immediately before the property was entered upon by the Grantee.

The Grantor shall retain the right to use the surface of said easement if such use does not interfere with installation or maintenance of the sewer main. However, the Grantor shall not erect buildings or structures on the easement.

This easement shall be a covenant running with the land and shall be

Public in and for the

Washington, residing at

ØÇ.

FILED for Record at Request of

PO. Take FEDERAL

RECIPROCAL NON-EXCLUSIVE EASEMENT

WHEREAS, the Trustee is the owner in fee of certain real property located in King County, Washington, including the portion thereof described in the legal description thereof attached hereto and hereby made a part hereof as "Exhibit A;" and

WHEREAS, Cratsenberg is the owner in fee of certain real property located in King County, Washington, including the portion thereof described in the legal description attached hereto and hereby made a part hereof as . "Exhibit B;"

NOW, THEREFORE, for and in consideration of the mutual promises, covenants, conditions and benefits contained in and derived hereunder and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Trustee, for and on behalf of himself and the beneficiaries of the Evergreen-Federal Way Trust and their respective heirs, administrators, executors, successors-in-interest and assigns, does hereby grant and convey unto Cratsenberg, and their heirs, administrators,

1% EXCISE TAX NOT REQUIRED

King Co. Records Division

Deputy

executors, successors-in-interest and assigns, a non-exclusive perpetual easement and right-of-way of access, ingress and egress over and across that certain real property located in King County, Washington, as described in the legal description thereof attached hereto and hereby made a part hereof as "Exhibit A"; and Cratsenberg, for and on behalf of themselves and their heirs, administrators, executors, successors-in-interest, assigns and marital community, do hereby grant and convey unto the Trustee and the beneficiaries. of the Evergreen-Federal Way Trust and the owner or owners of any lot, parcel or tract within that certain area known as the Evergreen Plaza plat and their respective executors, administrators, successors-in-interest, assigns and marital communities, if any, a non-exclusive perpetual easement and right-of-way of access, ingress and egress over and across that certain property located in King County, Washington, as described in the legal description thereof attached hereto and hereby made a part hereof as "Exhibit B." The real property described in Exhibits A and B shall hereinafter be referred to as the "Easement Property."

each respective party, their heirs, administrators, executors, successors, assigns and marital communities, if any, forever. Said Easement Property shall be appurtenant to that certain real property located in King County, Washington, which is the subject matter of the Evergreen Plaza plat, and Cratsenberg's real property adjacent thereto as described in the legal description thereof attached hereto and hereby made

a part hereof as "Exhibit C", together with any and all other real property which may be hereinafter acquired by the parties, or any of them, contiguous to the property described in Exhibit A and/or Exhibit B.

This Easement is granted upon the following terms and conditions:

- Entry Upon Property. Either Cratsenberg or the Trustee, or their authorized agents, employees or contractors acting for or on their behalf, may enter from time to time upon any part of the Easement Property for the purpose of locating, relocating, establishing, grading, surfacing, resurfacing, and maintaining all or any portion of the ingress-egress improvements now existing, or hereafter constructed, upon said Easement Property as is reasonably required to render the same suitable for vehicular traffic and to locate, install, maintain, improve, repair, or replace any drains, curbs, lighting, shrubs, trees, traffic direction signs and markings, service pipes, lines t or connections which may serve that party's property to which this Easement is appurtenant; provided, that such entry and any work undertaken with respect to the Easement Property after the ingress-egress improvements on said Easement Property are first constructed, shall not unreasonably interfere with the easement rights granted hereunder. The parties shall maintain the Easement Property in good and safe condition as provided in Section 6 below.
- 2. Obstruction. The parties covenant that they will not, individually or jointly, without the unanimous

consent of the parties hereto, erect any fence, sign or structure upon the Easement Property, nor obstruct or interfere with the reasonable use of the Easement rights herein granted.

- Eminent Domain. If the Easement Property, or any part thereof, is taken by any governmental agency in the exercise of its power of eminent domain, the award granted under such proceedings, or any settlement in lieu thereof, for the taking of such property shall be wholly payable to the fee owner of the portion of the Easement Property so taken and any award for the taking of any of any of the rights hereunder granted to a party who is not the fee owner of the property so taken shall be wholly payable to the party to whom said portion of the award is granted. If less than all of the Easement Property is taken, this Easement shall continue in full force and effect with respect to the portion of the Easement Property not taken unless this Easement is terminated by the unanimous consent of the parties hereto. If all of the Easement Property is taken, this Easement shall terminate and the rights and obligations hereunder of the parties hereto, one to the other, shall automatically cease and terminate when possession is transferred to the condemning agency.
- 4. Use. The parties hereto acknowledge and agree that this Easement is to be used by the parties hereto, and by any owner of a lot, parcel or tract within that real property situated in King County, Washington and covered by the Evergreen Plaza Plat, and by any owner of the real

property described in Exhibit C, and their respective heirs, successors, assigns, lessees, sub-lessees, tenants, subtenants, business invitees, employees and agents, and that the rights of access to and from the real property which is appurtenant to the Easement Property and ingress and egress thereto and therefrom shall be free and unrestricted. As used herein, the word "access" shall mean and include the right of ingress and egress by vehicle by the parties hereto, and by any owner of a lot or tract within that portion of King County, Washington covered by the Evergreen Plaza Plat and by any owner of all or any portion of the real property described in Exhibit C, and/or their respective heirs, successors, assigns, lessees, sub-lessees, tenants, sub-tenants, business invitees, employees and agents.

Anything herein to the contrary notwithstanding, no rights to the general public are granted under this Easement.

- 5. Maintenance of Easement Property. Each party shall, at its sole cost and expense, maintain the Easement Property and the improvements thereon located on their fee-owned real property, in a reasonably good and safe condition.
- granted hereunder shall run with the land included within the Evergreen Plaza Plat and the land described in Exhibit C hereto, and shall bind and be obligatory upon the parties hereto and their respective successors and assigns, and the respective heirs, executors, administrators and marital communities, if any.

- 7. Recording of Easement. The parties hereto agree that this Easement may be placed of public record by any party hereto.
- 8. Superior to Mortgages and Deeds of Trust. It is agreed that this Easement shall be superior to all mortgages and/or deeds of trust now existing or hereafter recorded against the Easement Property.

IN WITNESS WHEREOF, the parties hereto have executed this Easement the day and year first above written on behalf of themselves, their respective heirs, executors, administrators, successors, assigns and marital communities, if any.

ANTHONY H. BARASH, Trustee for Evergreen-Federal Way Trust

Trustee

ANDREW C. CRATSENBERG

LUBTTA M. CRATSENBERG, his wife

The undersigned PACIFIC NATIONAL BANK OF WASHINGTON (the "Bank"), the beneficiary under that certain Deed of Trust dated 1976, between Trustee (as Grantor) and the Bank (as beneficiary) and recorded in the records of King County under Recording No. does hereby consent to the foregoing Easement and agrees that the lien of said Deed of Trust shall be junior and subordinate to the said Easement.

PACIFIC NATIONAL BANK OF WASHINGTON

Vice-President

CONSENT

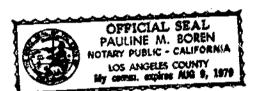
The undersigned PRUDENTIAL MUTUAL SAVINGS BANK the "BANK"), the beneficiary under that certain Deed of Trust dated September /3 , 1976, between and recorded in the records of King County under Recording No. 7609/404827 does hereby consent to the foregoing Easement and agrees that the lien of said Deed of Trust shall be junior and subordinate to the said Easement.

PRUDENTIAL MUTUAL SAVINGS BANK

STATE OF Colifornia ; ss:

On this day personally appeared before me ANTHONY H. BARASH, Trustee for Evergreen-Federal Way Trust, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed as such Trustee, for the uses and purposes therein mentioned.

day of ______, 1977.



Notary Public in and for the State of at Junea , residing at Juneau.

STATE OF WASHINGTON)

OUNTY OF K I N G)

On this day personally appeared before me ANDREW C. CRATSENBERG and LUETTA . CRATSENBERG, his wife, to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

day of GIVEN under my hand and official seal this 3/st

Notary Public in and for the State of Washington, residing at

STATE OF WASHINGTON)

COUNTY OF KING

SS:

witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at

STATE OF WASHINGTON)
COUNTY OF K I N G)

On this day of left in and for the seal affixed is

WITNESS my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at Actile

3 D W.

EXHIBITS

- A Naredel's owned easement area.
- B Cratsenberg's owned easement area.
- C Cratsenberg's entire area.

BEGINNING AT THE INTERSECTION OF THE NORTH LINE OF THE SOUTH 50 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF FCTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M., IN KING COUNTY, WASHINGTON, WITH THE WEST LINE OF THE EAST 817.35 FEET THEROF; THENCE NORTH 0°18'15" EAST 515.00 FEET; THENCE SOUTH 89°34'08" EAST 26.00 FEET; THENCE SOUTH 0°18'15" WEST 490.00 FEET; THENCE ON A CURVE TO THE LEFT, HAVING A RADIUS OF 25.00 FEET, TO THE NORTH LINE OF THE SOUTH 50.00 FEET OF SAID SUBDIVISION; THENCE NORTH 89°34'08" WEST ALONG SAID NORTH LINE, TO BEGINNING.

EXHIBIT A

See Stieder

BECTINITIES AT THE INTERSECTION OF THE HORTH LINE OF THE SOUTH 50 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 21 HORTH, PANGE 4 EAST, W.M., IN KING COUNTY, WACHINGTON, WITH THE WEST LINE OF THE EAST 817.35 FEET THEREOF; THENCE MORTH 0°18'15" EAST ALONG SAID WEST LINE, 290.00 FEET; THENCE SOUTHWESTERLY 60.00 FEET TO A POINT ON A LINE PARALLEL WITH AND 14.00 FEET WESTERLY OF SAID WEST LINE; THENCE SOUTH 0°18'15" WEST ALONG SAID PARALLEL LINE 200.00 FEET, MORE OR LESS, TO THE NORTH LINE OF THE SOUTH 75.00 FEET OF SAID SUBDIVISION; THENCE ON A CURVE TO THE RIGHT, HAVING A RADIUS OF 25.00 FEET, TO THE NORTH LINE OF THE SOUTH 50.00 FEET OF SAID SUBDIVISION; THENCE SOUTH 89°34'08" EAST, ALONG SAID NORTH LINE, TO BEGINNING.

EXHIBIT B

PARCEL C: THAT PORTION OF SOUTH 825 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHEST QUARTER OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M., IN KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SUBDIVISION DISTANT NORTH 89°34°08" WEST 817.35 FEET FROM THE SOUTHEAST CORNER THEREOF; THENCE NORTH 89°34°08" WEST 486.0 FEET, MORE OR LESS. TO THE SOUTHWEST CORNER OF SAID SUBDIVISION; THENCE NORTH 0°05°38" EAST ALONG THE WEST LINE OF SAID SUBDIVISION 825.01 FEET TO THE NORTH LINE OF THE SOUTH 825 FEET OF SAID SUBDIVISION; THENCE SOUTH 89°34°08" EAST 488.80 FEET TO A POINT WHICH BEARS NORTH 0°18°15" EAST FROM THE POINT OF BEGINNING; THENCE SOUTH 0°08°15" WEST 825 FEFT TO THE POINT OF BEGINNING; EXCEPT THAT PORTION

THEREOF TAKEN FOR SOUTH 320TH STREET BY DEEDS RECORDED UNDER AUDITOR®S FILE NO. 2727418 AND 4998538

EXHIBIT _C_

RECORDED NC RECORDS

Ser. 2 38 Ph. T.

HILED for Record at Request of

Name legison & Dusdell

Hiross 1760 Perplan Bank

Hiross from Janear



EASEMENT FOR UNDERGROUND ELECTRIC SYSTEM

SEA-TAC	PLAZA,	a	Washington	Limited	Partnership,
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THE BANK OF CALIFORNIA, A NATIONAL BANKING ASSOCIATION ("Grantor" herein), grants, conveys and warrants to PUGET SOUND POWER & LIGHT COMPANY, a Washington corporation ("Grantee" herein), for the purposes hereinafter set forth a perpetual easement under, across and over the following described real property (the "Property" herein) King County, Washington.

> Tract A of Evergreen Plaza, as per plat recorded in Volume 100 of Plats, page 74, records of King County, Washington.

Section 9, Township 21 Range 4 E. W.M.

Except as may be otherwise set forth herein Grantee's rights shall be exercised upon that portion of the Property (the "Rightof Way" herein) described as follows:

____feet in-width-having_____feet of such width on each side of a center-A Right-of-Way ==== line described as follows:

The north 10 feet of Tract A; Parcel A:

Parcel B: The east 30 feet of the north 90 feet of Tract A;

The north 105 feet, more or less, of the west 10 feet of the east 205 Parcel C: feet, more or less, of Tract A;

The north 180 feet, more or less, of the west 10 feet of the east 622 Parcel D: feet, more or less, of Tract A.

1% EXCISE TAX NOT REQUIRED King Co. Records Division

- 1. Purpose. Grantee shall have the right to construct, operate, maintain, repair, replace and enlarge an underground electric transmission and/or distribution system upon and under the Right-of-Way together with all necessary or convenient appurtenances therefor, which may include but are not limited to the following: underground conduits, cables, communication lines; vaults, manholes, switches, and transformers; and semi-buried or ground mounted facilities. Following the initial construction of its facilities, Grantee may from time to time construct such additional facilities as it may require.
- 2. Access. Grantee shall have the right of access to the Right-of-Way over and across the Property to enable Grantee to exercise its rights hereunder, provided, that Grantee shall compensate Grantor for any damage to the Property caused by the exercise of said right of access.
- 3. Obstructions; Landscaping. Grantee may from time to time remove trees, bushes, or other obstructions within the Rightof-Way and may level and grade the Right-of-Way to the extent reasonably necessary to carry out the purposes set forth in paragraph 1 hereof, provided, that following any such work, Grantee shall, to the extent reasonably practicable, restore the Right-of-Way to the condition it was immediately prior to such work. Following the installation of Grantee's underground facilities, Grantor may undertake any ordinary improvements to the landscaping of the Right-of-Way, provided that no trees or other plants shall be placed thereon which would be unreasonably expensive or impractical for Grantee to remove and restore.
- 4. Grantor's Use of Right-of-Way. Grantor reserves the right to use the Right-of-Way for any purpose not inconsistent with the rights herein granted, provided: that Grantor shall not construct or maintain any building or other structure on the Rightof-Way which would interfere with the exercise of the rights herein granted; that no digging, tunneling or other form of construction activity shall be done on the Property which would disturb the compaction or unearth Grantee's facilities on the Right-of-Way, or endanger the lateral support to said facilities; and that no blasting shall be done within 15 feet of the Right-of-
- 5. Indemnity. By accepting and recording this easement, Grantee agrees to indemnify and hold harmless Grantor from any and all claims for damages suffered by any person which may be caused by Grantee's exercise of the rights herein granted; provided, that Grantee shall not be responsible to Grantor for any damages resulting from injuries to any person caused by acts or omissions of Grantor.
- 6. Abandonment. The rights herein granted shall continue until such time as Grantee ceases to use the Right-of-Way for a period of five (5) successive years, in which event this easement shall terminate and all rights hereunder shall revert to Grantor, provided that no abandonment shall be deemed to have occurred by reason of Grantee's failure to initially install its facilities on the Right-of-Way within any period of time from the date hereof.
- 7. Successors and Assigns. The rights and obligations of the parties shall inure to the benefit of and be binding upon their respective successors and assigns.

Should this easement interfere with improvements Grantor desires to make to A-582 0327332 the real property affected by this easement, Grantor shall be entitled to KH/48

relocate this easement and any improvements placed in the easement area by Grantee, at Grantor's sole cost and expense after giving Charles Grantee, at Grantor's sole cost and expense, after giving Grantee thirty

days' written notice.



FEB

214/35

ATTENTION

DATED this 31st day of _

January

April THIS AGREEMENT made this 16thday of by and between the LAKEHAVEN SEWER DISTRICT, a municipal corporation of King County, Washington, hereinafter termed "Grantee", and SEA-TAC PLAZA, a Washington

WITHESSETH:

hereInafter termed "Grantor".

limited parntership

That the said Grantor for valuable consideration does by these presents grant unto the Grantee a perpetual right-of-way or easement for sewer mains with the necessary appurtenances through, over, and across the following poperty, described as follows:

THAT PORTION OF TRACT A, TRACT B AND TRACT C OF THE PLAT OF EVERGREEN PLAZA AS RECORDED IN VOLUME 100 OF PLATS, PAGES 74 AND 75, RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

THE WEST 15 FEET OF SAID TRACT B AND THE SOUTH 9.3 FEET OF THE WEST 15 FEET OF TRACT A AND A STRIP 15 FEET WIDE BEING 7.5 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT A POINT 21.7 FEET SOUTH AND 10 FEET EAST OF THE NORTHWEST CORNER OF SAID TRACT B; THENCE NORTH 59°41'55" EAST 378.06 FEET; THENCE SOUTH 89°34'08" EAST 342.62 FEET; THENCE NORTH 25°16'47" EAST 164.76 FEET; THENCE NORTH 9°30'00" EAST 136.71 FEET TO A POINT ON THE NORTH LINE OF SAID TRACT A, A DISTANCE OF 7.5 FEET WEST OF THE NORTHEAST CORNER OF SAID TRACT A.

Should this easement interfere with improvements Grantor desires to make to the real property affected by this easment, Grantor shall be entited to relocate this easement and any improvements placed in the easement area by Grantee, at Grantor's sole cost and expense, after giving Grantee thirty (30) days written notice.

> 1% EXCISE TAX NOT REQUIRED King Co. Records Division

-waphthucor

Said Grantee shall have the right without prior institution of any suit or proceeding at law, at such times as may be necessary, to enter upon said easement for the purpose of constructing, maintaining, repairing, altering or reconstructing said sever main, or making any connections therewith, without incurring any legal obligation or liability therefore; provided that such shall be accomplished in a manner that existing private improvements shall not be disturbed or destroyed, or in the event that they are disturbed or destroyed, they will be replaced in as good a condition as they were imadeintely before the property was entered upon by the Grantee.

The Grantor shall retain the right to use the surface of said easement if such use does not interfere with installation or maintenance of the sewer main. However, the Grantor shall not erect buildings or structures on the casement.

This easement shall be a covenant running with the land and shall be binding on the successors, heirs, and assigns of both of the parties hereto.

SEA-TAC PLAZA, a Washington limited partnership By: THE RAINIER FUND, general partner

By: Robert M. Parks Parkner

PARTNERSHIP ACKNOWLEDGMENT

STATE OF WASHINGTON)

COUNTY OF KING

On this 16th day of April , 1979, before me, a Notary Public in and for the State of Washington, personally appeared Robert M. Parks , to me known to be one of the partners of The Rainier Fund , the partnership that executed the foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said partnership, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument on behalf of the partnership.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written,

Notary Public in and for the STATE of WASHINGTON, residing at

Bellevue, Washington-

POWER

9Fe 27 10 10 PM *70

SEA-TAC PLAZA, a Washington Limited Partnership, RECOURS & HECHONS

("Grantor" herein), grants, conveys and warrants to PUGET SOUND POWER & LIGHT COMPANY, a Washington corporation ("Grantee" herein), for the purposes hereinafter set forth a perpetual easement under, across and over the following described real property (the "Property" herein) ____King____County, Washington,

That portion of Tract A, Plat of Evergreen Plaza as recorded in Volume 100 of Plats, pages 74 and 75, records of King County, Washington, described as follows:

Commencing at the northwest corner of said Tract A; thence S 0°18'15" W 457.00 feet along the westerly line of said Tract A; thence S 89°34'08" E 196.88 feet; thence S 0°25'52" W 145.00 feet; thence S 89°34'08" E 121.78 feet; thence N 73°50'21" E 146.51 feet to the true point of beginning; thence N 73°50'21" E 30.06 feet to the point of curvature of a curve concave to the south having a radius of 165 feet; thence easterly along the arc of said curve 70.42 feet; thence N 24°24'39" E 121.33 feet; thence N 0°25'52" E 7.25 feet; thence N 89°34'08" W 147.86 feet; thence S 0°25'52" W 132,00 feet to the true point of beginning. Located in the Southeast 1/4 of the Southwest 1/4 of Section 9, Township 21

North, Range 4 East, W.M. Except as may be otherwise set forth herein Grantee's rights shall be exercised upon that portion of the Property (the "Rightof Way" herein) described as follows:

A Right-of-Way 10 feet in width having 5 feet of such width on each side of a centerline described as follows:

The centerline of Grantee's facilities as constructed or to be constructed, extended or relocated under, over and across the above described property.

FILED FOR RECORD AT REQUEST OF: PUGET POWER REAL ESTATE DIVISION PUGET POWER BLDG. BELLEVUE, WASHINGTON 98009 ATTENTION: GEORGE LERTKANTITHAM

- 1. Purpose. Grantee shall have the right to construct, operate, maintain, repair, replace and enlarge an underground electric transmission and/or distribution system upon and under the Right-of-Way together with all necessary or convenient appurtenances therefor, which may include but are not limited to the following: underground concluits, cables, communication lines; vaults, manholes, switches, and transformers; and semi-buried or ground mounted facilities. Following the initial construction of its facilities, Grantee may from time to time construct such additional facilities as it may require.
- 2. Access. Grantee shall have the right of access to the Right-of-Way over and across the Property to enable Grantee to exercise its rights hereunder, provided, that Grantee shall compensate Granter for any damage to the Property caused by the exercise of said right of access.
- 3. Obstructions; Landscaping, Grantee may from time to time remove trees, bushes, or other obstructions within the Rightof-Way and may level and grade the Right-of-Way to the extent reasonably necessary to carry out the purposes set forth in paragraph 1 hereof, provided, that following any such work, Grantee shall, to the extent reasonably practicable, restore the Right-of-Way to the condition it was immediately prior to such work. Following the installation of Grantee's underground facilities, Granter may undertake any ordinary improvements to the landscaping of the Right-of-Way, provided that no trees or other plants shall be placed thereon which would be unreasonably expensive or impractical for Grantee to remove and
- 4. Grantor's Use of Right-of-Way. Grantor reserves the right to use the Right-of-Way for any purpose not inconsistent with the rights herein granted, provided: that Grantor shall not construct or maintain any building or other structure on the Right-of-Way which would interfere with the exercise of the rights herein granted; that no digging, tunneling or other form of construction activity shall be done on the Properly which would disturb the compaction or unearth Grantee's facilities on the Right-of-Way, or endanger the lateral support to said facilities; and that no blasting shall be done within 15 feet of the Right-of-Way.
- 5. Indemnity. By accepting and recording this easement, Grantee agrees to indemnify and hold harmless Granter from any and all claims for injuries and/or damages suffered by any person which may be caused by the Grantee's exercise of the rights herein granted; provided, that Grantee shall not be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages to any person be responsible to Granter for any injuries and/or damages and the responsible to Granter for any injuries and the respon caused by acts or omissions of Grantor,
- 6. Abandonment. The rights herein granted shall continue until such time as Grantee ceases to use the Right-of-Way for 😥 period of five (5) successive years, in which event this easement shall terminate and all rights hereunder shall revert to Granter, provided that no abandonment shall be deemed to have occurred by reason of Grantee's failure to initially install its facilities on the Right-of-Way within any period of time from the date hereof.
- 7. Successors and Assigns. The rights and obligations of the parties shall inure to the benefit of and be binding upon their respective successors and assigns,

Λ-792 Should this easement interfere with improvements Grantor desires to KH/44 make to the real property affected by this easement, Grantor shall be entitled to relocate this easement and any improvements placed in the easement area by Grantee, at Grantor's sole cost and expense, 214/35 after giving Grantee thirty days' written notice.

#788.37 1-79

 $\mathfrak Q$ state of Washington) COUNTY OF KING

Robert M. Parks, Partner

By:

On this day of Warenley, 1979, personally appeared vice DOUGLAS L. ROGERS and MARGARET AMES, to me known to be the President and Secretary, respectively, of Metropolital Building Corporation, a general partner of SEA-TAC PLAZA, the limited partnership that executed the foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said corporation and said limited partnership for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute said instrument on behalf of said corporation and that said corporation was authorized to execute said instrument on behalf of sald limited partnership.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my officia seal the day and year first above written.

> Notary Public in and for the Washington, residing at

STATE OF WASHINGTON) SS. COUNTY OF KING

On this 41 day of December, 1979, personally appeared Hank Corden and Robert M. Parks, to me known to be the general partners of Northwest ainier, a partnership (Formerly The Rainier Fund) that is a general partner of SEA-TAC PLAZA, the limited partnership that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said general partnership and said limited partnership for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute said instrument on behalf of said general partnership and that said general partnership is authorized to execute said instrument on behalf of said limited partnership.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my officia seal the day and year first above written.

> Notary Public in and for the State of Washington, residing at &

AFTER RECORDING RETURN TO:

P.O. BOX 4249
FEDERAL WAY, WA 98003

<u>EASEMENT</u>

THIS AGREEMENT	, made this 7th	h day of _	January	,	19 <u>80</u> ,
by and between	Sea-Tac Plaza				
hereinafter called	"Grantors", and	KING COUNTY	WATER DISTRICT	NO. 124, a	munici-
pal corporation of	King County, Sta	ate of Washin	gton, hereinaft	er called '	'Grantee".
WITNESSETH:					

That said Grantor(s), for valuable consideration, do by these presents grant, bargain, sell, convey and confirm unto the said Grantee, a right-of-way or easement for water mains, with necessary appurtenances, described as follows:

That portion of the following described property included within the limits of a strip of land 10 feet in width lying 5 feet on each side of the centerline of the water main constructed in the following described property;

Tracts A and B, Evergreen Plaza planned unit development, as recorded in Volume 100 of plats on pages 74 and 75, records of King County, Washington. Recording Certificate No. 7608300834.

And also that portion of strip of land lying 5 feet on each side of the centerline of water service mains lying between the water main constructed in the above described easement and hydrants;

And also that portion of land lying within a radius of 5 feet from the center of each hydrant served by the water main constructed in the above described easement.

Should this easement interfere with improvements Grantor desires to make to the real property affected by this easement, Grantor shall be entitled to relocate this easement and any improvements placed in the easement area by Grantee, at Grantor's sole cost and expense, after giving Grantee thirty (30) days written notice.

R W

Evergreen Plaza, Tract A & B also known as SeaTac Plaza Agreement No. 20

FR L5 11 37 N 100 NS KING COUNTY

:

The said Grantee shall have the right without prior institution of any suit or proceeding at law, at such times as may be necessary, to enter upon said construction right-of-way for the purpose of constructing, repairing, altering or reconstructing said water main, or making any connections therewith, without incurring any legal obligation or liability therefor; provided that such constructing, repairing, altering or reconstructing of said water main shall be accomplished in such a manner that the private improvements existing in this right-of-way shall not be disturbed or destroyed, or in the event that they are disturbed or destroyed, they will be replaced in as good a condition as they were immediately before the property was entered upon by the said Grantee.

The Grantor shall retain the right to use the surface of said right-of-way if such use does not interfere with installation of the water main. However, the Grantor shall not erect buildings or structures on the right-of-way during the existence of said right-of-way.

The right-of-way, during its existence, shall be a covenant running with the land and shall be binding on the successors, heirs and assigns of both of the parties hereto.

SEA-TAC PLAZA, a Washington partnership By NORTHWEST RAINIER, Formerly known as The

Rainier Fund, general partner By: Stafflick

Robert M. Parks, Partner

By METROPOLITAN BUILDING CORP., general partner By:

Douglas L. Rogers, Sr Vice President

PARTNERSHIP ACKNOWLEDGMENT

STATE OF WASHINGTON)

COUNTY OF KING

On this 18th day of January , 1980, before me, a Notary Public in and for the State of Washington, personally appeared On this <u>18th</u> day of Robert M. Parks $_$, to me known to be one of the partners of

NORTHWEST RAINIER , the partnership that executed the foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said partnership, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument on behalf of the partnership.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public in and for the STATE of WASHINGTON, residing at

Bellevue



day and year first above written.

the material region of the control o	• • •		
Corporate	,		
STATE OF WASHINGTON) COUNTY OF KING)			
On this Ham day of SANUCLY A.D., 1980 befo	re me person	ally appeare	ed
Douglas I. Rogers to me known to be the Sen			
of the	e corporatio	n that execu	ited the
foregoing instrument, and acknowledged said instru	ument to be	the free and	l voluntary
act and deed of said corporation, for the uses and	d purposes m	entioned, an	nd on oath
stated that <u>he</u> is/are authorized to execute the	e said instr	ument on beh	alf of the
corporation.			
IN WITNESS WHEREOF, I have hereunto set my hand ar	nd affixed m	v official s	eal the

INCOLVED.

Notary Public in and for the State of Washington, residing at Bellevas

HITEM MAI MYER & LEWI, PET.

ĭ ×	Township 21 North, Range 4 Ea	st, Section 9, W.M.
Right-of-Way M	EVERGREEN PLAZA LOT 2 KI Recording No. 7912270667	ING COUNTY SHORT PLAT NO 1079107
A gg.	SUBJECT TO EASEMENTS and rest	rictions of record.
Accepted by Min		n fifteen feet of the east thirty five property and as shown on attached
_	understanding that Grantee shall be responsible for all dar	ngress to and egress from said property described above, with the mage caused to Grantor arising from Grantee's exercise of the rights
0334	and privileges herein granted.	
4	Grantor reserves the right to use the easement for any purights granted Grantee herein.	irposes as long as not inconsistent with nor an interference with the
		all inure to the benefit of and be binding upon the heirs, executors
7	administrators, successors and assigns of the respective p	4 .
מ	In witness whereof the undersigned has executed this instr	rument this 26 day of Perua rd 1991
	Witness	_ By Jany
	(POVED	Sea Tac Plaza
	15/91	
THE	Hasting:	
1	• A RCI	
_		
8.8	(Individual Acknowledgement)	(Corporate Acknowledgement)
	State of	State of WASHINGTON
s	County of	County of KING
83		, , , , , , , , , , , , , , , , , , ,
	On this day personally appeared before me	On this day personally appeared before me
KING COUNTY RECORDS	known to me to be the individual who execute	who did sayfie/she is the EXECUTIVE
UNTY	the foregoing instrument, and acknowledged that	VICE FRESIDENT
5	signed the same as free and volume	the corporation that executed the foregoing instrument,
X	cleed, for the uses and purposes herein ment also	acknowledged said instrument to be the free and the uses and deed of said corporation, for the uses and
¥.	Civen under my hand and official seal this	A Mores therein mentioned, and on oath stated that
09:21:00 AX	of19	he organized to execute said instrument on behalf
69:		Give under my hand and official seal this 2 6 day
033 4	Q.	FEBRUATE Y 1991
20514-0334		(inthia) xyou
0		- ,

Notary Public in and for the State of ____

residing at_

My commission expires.

EASEMENT ACT # 242320005000

as Grantor(s), hereby grants a perpetual easement to Pacific Northwest Bell Telephone Company, a Washington Corporation, its successors and assigns, hereinafter referred to as Grantee, with the right, privilege and authority to place, construct, maintain, inspect, reconstruct, repair, replace, remove and keep obstacles clear from Grantee's facilities consisting of_

underground communication lines, conduit, above ground cabinets and manhole

_____County, State of <u>Washington</u> and is described as follows:

and other appurtenances as the Grantee may from time to time require over, across, upon and under the hereinafter described

R/W Reference 9/07306

_____, the undersigned, hereinafter referred to

(3-8.4)

property situated in ___

KNOW ALL MEN BY THESE PRESENTS:

For and in consideration of \$2000.00----

4.t. 06

E1246.650 05/14/1992

Notary Public in and for the State of Lew Gungton residing at Stattle My commission expires:

ENWY NO. I , PIERCE CO. EN 457 TO JCT. S.S.H. NO. 5-.A , A PR. 10-28-1958 EVERGREEN PLATA P.U.D. VOL. 100 TAITS EXHIBIT NO 15' x 35' US WEST TR 91073061 (272) 9205140334 esta SR 51 PIERCE CO. LN. TO JCT. SSH 5A Apr 6/24/50 Sheet # 0/ 20

@ Q

IT IS DUE TO THE QUALITY OF THE DOCUMENT.

3000

25 1

- 1 (P. C. D.)

PLEASE RETURN TO:
WASHINGTON NATURAL GAS CO
RIGHT OF WAY DEPARTMENT
P O BOX 1869
SEATTLE WA 98111

O.P. Map No: 228.68

Job No.:

9425055

Location:

SW 9-21-4E



11/18/1994

E1404595

EASEMENT

The Grantor, SEA-TAC PLAZA LIMITED PARTNERSHIP, at Washington limited partnership, in consideration of ONE DOLLAR (\$1.00), in hand paid, and other good and valuable consideration, receipt whereof is hereby acknowledged, does hereby convey and warrant to WASHINGTON NATURAL GAS COMPANY, a Washington Corporation, its successors and assigns, herein referred to as "Grantee", a non-exclusive easement for a gas pipeline or pipelines under, over, through and across the following described property of the Grantor located in the County of King, State of Washington: Tract "A" of Evergreen Plaza, as per plat recorded in Volume 100 of Plats, on Page 74, records of King County; Situate in the County of King, State of Washington. (Tax Parcel No. 242320–0050)

Easement location: Four (4) feet on either side of the centerline of the natural gas distribution line as constructed or to be constructed within the North 35 feet of the above described premises.

giving and granting to Grantse the right to construct, install, operate, maintain, protect, improve, repair, replace and abandon in place said gas pipeline or pipelines, together with the non-exclusive right of access to and from said property. As used herein, the term "pipeline" shall include gas lines and services together with such surface or sub-surface pipeline appurtenances and facilities as are necessary, in the judgement of Grantee, for the operation and maintenance of said pipeline or pipelines. By the acceptance of this easement Grantse agrees to hold the Grantor harmless from any loss, cost or damage resulting from the operation or maintenance of such pipelines except as may be attributable to the sole eclipence of Grantor. Grantor agrees not to erect any structures on said easement.

		ct any structures on said easement.
DATED this	day of <u>October</u>	, 1994.
Landlord: SEA-TAC PLAZA LIMI a Washington limited p	TED PARTNERHSIP,	Tenant:
BY: Tri-Center Associ a Washington gene General Fartner By: James Its: President		By:
State of Washington County of King))§)	
person who appeared t	perfore me, and said person horized to execute the instrument. The instrument.	y evidence that
My commission expire	s:	 ·
State of Washington County of King))\$)	la dha
l certify that I to person who appeared i stated that he was aut of purposed mentioned in	now or have satisfactory e before me, and said pers horized to execute the in to the instrument.	is the con acknowledged that he signed this instrument, on oath strument and acknowledged it as the
Dated:	· · · · · · · · · · · · · · · · · · ·	Notary Public in and for the State of Washington, residing at
My commission expire	6:	<u> </u>

Return Address

City of Federal Way Attn Law Dept P O Box 9718 Federal Way, WA 98063-9718



PERMANENT BEAUTIFICATION EASEMENT

Grantor (s) DCG III, L L C, a Washington Limited Liability Company

Grantee (s) CITY OF FEDERAL WAY, a Washington Municipal Corporation

Property Legal Description (abbrev): Tract B, Evergreen Plaza, Vol. 100, pgs. 74-75, Additional Legal(s) on Exhibit A

Easement Legal Description (abbrev) Ptn Tract B, Evergreen Plaza, Vol 100, pgs 74-75, Additional Legal(s) on Exhibit B

Assessor's Tax Parcel ID#(s) 242320-0060-08

RECITALS

A DCG II, L L C, a Washington Limited Liability Company ("Grantor") is the owner of certain real property (the "Property") located in Federal Way, Washington, and legally described in Exhibit "A" attached hereto and incorporated herein by reference

- B The CITY OF FEDERAL WAY, a Washington Municipal Coorporation ("Grantee"), desires to construct beautification improvements, including street trees, decorative lights, speciality landscaping, and decorative sidewalks, along South 320th Street within the City Center Core. The City requires a portion of the Property in which to locate the improvements
- C The parties both desire to avoid eminent domain proceedings, and to resolve matters without further cost or expense. Therefore, for valuable consideration, the receipt of which is hereby acknowledged, and under threat of the exercise of eminent domain, the parties agree as follows.

EASEMENT AGREEMENT

1 Grant of Easement Grantor grants, convevs and warrants to the ("Grantee") a perpetual, permanent beautification easement ("Easement") under, across and over that portion of the Property legally described in Exhibit B attached hereto and incorporated herein by reference. Grantee and its agents, designees and/or assigns shall have the right, without prior notice to Grantor, at such times as deemed necessary by Grantee, to enter upon, over or under the Easement to inspect, construct, reconstruct, operate, maintain, repair, replace and enlarge decorative sidewalks (or portions thereof), landscaping, street trees, decorative landscaping lighting and street lights, and associated appurtenances (including without limitation landscaping irrigation and power for the decorative lighting). Following the initial construction of the improvements, Grantee may from time to time construct such additional improvements as it may require. Nothing in this Easement shall obligate the Grantee to commence or complete the improvements within a specific period of time, provided, however, the Grantee shall use diligent efforts to complete all work within, and to restore, the Easement within a reasonable period of time after commencing such work

- 2 Access Grantor also covenants and agrees that, upon reasonable notice to Grantor, Grantee shall have the right of access to the Easement over and across the Property to enable Grantee to exercise its rights hereunder
- 3. Obstructions, Landscaping Grantee may from time to time remove vegetation, trim and/or maintain trees, or other obstructions within the Easement, and may level and grade the Easement to the extent reasonably necessary to carry out the purposes set forth in paragraph 1 hereof, provided, that following any such work, Grantee shall, to the extent reasonably practicable, restore the Easement and Grantor's Property to a condition similar to its condition prior to such work. Following the construction and installation of the improvements, Grantor shall from time to time trim and/or maintain the landscaping (other than the trees) within the Easement. In addition, Grantor may make such other regular or typical landscaping improvements within the Easement, provided that no trees or other plants shall be placed thereon which in the judgment of the grantee would be unreasonably expensive or impractical for Grantee to maintain, remove or restore. If the Grantor fails to trim and/or maintain the landscaping after written notice from the Grantee, Grantee may also remove, trim and/or maintain the landscaping within the Easement
- 4 Grantor's Use of Easement This Easement shall be exclusive to Grantee, provided, however, Grantor reserves the right to use the Easement for any purpose not inconsistent with Grantee's rights Grantor shall not construct or maintain any buildings or other structures on the Easement Grantor shall not perform digging, tunneling or other form of construction activity on the Property, which would disturb the compaction of or damage any improvements within the Easement, and no blasting shall be done within fifteen (15) feet of the Easement Grantor shall not prune, trim, limb or remove any of the trees within the Easement, without advance written authorization of Grantee
- 5. Indemnification Grantor and Grantee agree to indemnify and hold the other, its elected officials, officers, employees, agents, and volunteers harmless from any and all claims, demands, losses, actions and liabilities (including costs and all attorney fees) to or by any and all persons or entities, including, without limitation, their respective agents, licensees, or representatives, arising from, resulting from, or connected with the negligence or intentional misconduct of each other or each other's agents or invitees within or with respect to the Easement
- 6. Successors and Assigns. The rights and obligations described herein shall run with the land, shall inure to the benefit of the Grantor and Grantee, and shall be binding upon their respective successors, heirs and assigns

DATED THIS 10 day of OCTOBEN, 200

GRANTOR (Corporate)

DCG II, L L C

MICHAEL DUNNE (typed/printed name) MANAGING PANTNER

GRANTEE.	Approved as to Form
By David H Moseley, City Manager	Bob C Sterbank, Interim City Attorney
[Corporate Notary]	[City Manager Notary]
STATE OF WASHINGTON)	STATE OF WASHINGTON)
COUNTY OF KING) ss	COUNTY OF KING) ss
On this day personally appeared before me Dining Dunne to me known to be the managing Partner The Corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he/she was authorized to execute said instrument and that the seal affixed, if any, is the corporate seal of said corporation Given under my hand and official seal this in the corporation of the corporat	On this day, personally appeared before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, David H Moseley, to me known to be the City Manager of the City of Federal Way, a Washington municipal corporation, the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he was authorized to execute the said instrument
amy L Williams (notary signature)	this 14th day of November, 20_
Arny L-William S (typed annied name of notary)	(notary signature) TEVESA A Jackson (typed/printed name of notary)
Notary Public The Arta of Washington O Washington O Washington explusive 8/29/04	Notary Public in and for the State of Washington My commission expuses 2-28-02

K \STREETS\PROJECTS\23RD\ROW\DCG II wpd

10-04-2000

EXHIBIT A

LEGAL DESCRIPTION OF SERVIENT PROPERTY

Tract B, Evergreen Plaza, according to the plat thereof recorded in Volume 100 of Plants, pages 74 and 75, in King County, Washington

EXHIBIT B

EASEMENT LEGAL DESCRIPTION

All portions of Tract B, Evergreen Plaza, according to the plat thereof recorded in Volume 100 of Plats, pages 74 and 75, located south of a line which is 5 feet north and parallel to South 320th Street (PSH No 5) right-of-way, said line defined in County Recording Numbers 2726484, 2726485, and 2748762



Return Address Wendy's International, Inc. Name 4288 W Dublin-Granville Rd Address City, State, Zip Dublin, OH 43017 Attn Jo Williams/legal dept **Document Title(s)** (or transactions contained therein) 1 Easement 2 3 Reference Number(s) of Documents assigned or released. (on page ____ of document(s)) Grantor(s) (Last name first, then first name and initials) 1 DCG II, LLC, a Washington limited liability company 2 3 4 Additional names on page of document Grantee(s) (Last name first, then first name and initials) 1 Wendy's International, Inc , an Ohio corporation 2 3 4 5 Additional names on page of document

Assessor's Property Tax Parcel/Account Number 243320-0050-00 & 243320-0055-05

No 1079107, recording no 7912270667

Additional legal is on page of document

The Auditor or Recording Officer will rely on the information provided on this form. The staff will not read the document to verify the accuracy of or the completeness of the indexing information provided herein

Wendy's International, Inc Legal Department / Jo Williams 4288 W Dublin Granville Road Dublin, Ohio 43017

EASEMENT

This Easement is made and entered into this 3/ day of _______, 2000, by and between DCG II, LLC, a Washington Limited Liability Company (hereinafter referred to as "Grantor"), whose mailing address is C/O Summit Properties, 25022 104th Avenue SE, Suite B, Kent, Washington 98031, and WENDY'S INTERNATIONAL, INC., an Ohio corporation (hereinafter referred to as "Grantee"), whose mailing address is 4288 West Dublin-Granville Road, P.O Box 256, Dublin, Ohio 43017

WITNESSETH.

WHEREAS, Grantor is the owner of that certain real estate located in the State of Washington and County of King, more particularly described in the **Exhibit A** attached hereto and made a part hereof (which real estate is hereinafter referred to as "Grantor's **Parcel**"), and

WHEREAS, Grantee is the owner of that certain real estate located in the State of Washington and County of King, more particularly described in the **Exhibit B** attached hereto and made a part hereof (which real estate is hereinafter referred to as "Grantee's **Parcel**"), and

WHEREAS, Grantor and Grantee desire to establish certain easements and covenants in connection with the use of their respective parcels

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10 00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Grantor, Grantor and Grantee agree as follows

Grantor hereby grants, conveys and delivers to Grantee, for the use and benefit of Grantee, its successors and assigns, a non-exclusive perpetual easement appurtenant to Grantee's Parcel for the purpose of the maintenance, repair, use, operation and inspection of water lines to service Grantee's Parcel, over, upon, across and through Grantor's Parcel.

TO HAVE AND TO HOLD the easement and rights unto Grantee, its successors and assigns forever—Grantor, for Grantor and Grantor's successors and assigns, hereby warrants and covenants with Grantee, its successors and assigns, that Grantor is the true and lawful owner in fee simple of Grantor's Parcel and has the right and full power to grant and convey the easement and rights herein granted, and that Grantor will warrant and defend the easement and rights herein granted against all claims of all persons whomsoever

The above-described easements and covenants shall be for the use and benefit of Grantee's Parcel and the owners from time to time of all or any part thereof. All provisions of this Easement, including the covenants, benefits and burdens, shall run with the land and be binding upon and inure to the successor, assigns and tenants of Grantee and Grantor. The rule of strict construction shall not apply to this grant This grant shall be given a reasonable construction so that the intention of the parties to confer a commercially usable right of enjoyment on Grantee is carried out

IN WITNESS WHEREOF, this Easement is executed as of the day and year first above written.

DCG II, LLC, a Washington Limited

Liability Company

Name: D Michael Dunne

Title. Managing Member

WENDY'S INTERNATIONAL, INC.,

An Ohio corporation

Name

W. STEPHEN WIRT Vice President

Title By

e ponting w

Name Title

Vice President

Law Dept

NOTARY -- -- PUBLIC
NY COMMISSION EXPIRES 8-08-01

RICHARD S. PLUTE

STATE OF WASHINGTON

STATE OF WASHINGTON COUNTY OF KING, SS:

The undersigned, a Notary Public in and for the above state and county, hereby certifies that on the <u>luday</u> of <u>Decu</u>, 2000, before me personally appeared D Michael Dunne, the Managing Member of **DCG II**, **LLC**, a Washington Limited Liability Company, who is known to me as the person and managing member described in and who executed the foregoing instrument on behalf of said company, and who acknowledged that he held the position or title set forth in the instrument and certificate, he signed the instrument on behalf of the company by proper authority, and the instrument was the act of the company for the purposes therein stated

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on the day and year last aforesaid

(SEAL)

Notary Public

STATE OF OHIO COUNTY OF FRANKLIN, SS

hereby cert		· -	n and for the above state and county nber, 2000, before me personally
appeared _	W. STEPHEN WIRT	and	RONALD E. WALLACE
the	Vice President	, and	Vice President
			no corporation, who are known to me executed the foregoing instrument or
behalf of sa	id corporation, and wh	o acknowledged t	that they held the positions or titles set
			gned the instrument on behalf of the ment was the act of the corporation for
the purpose	s therein stated		
	DI WITNEGO WII	EDEAE Lland	hamanuta art was hand and affined was

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on the day and year last aforesaid



THIS INSTRUMENT PREPARED BY

Stephen Harper, Attorney at Law WENDY'S INTERNATIONAL, INC 4288 West Dublin-Granville Road Dublin, Ohio 43017

EXHIBIT A

Lot 2 of Short Plat No. 1079107, recorded under Recording No 7912270667, records of King County, Washington,

Except that portion described as follows:

Beginning at the northwest corner of Lot 1 of Short Plat No 1079107, recorded under Recording No 7912270667, said corner being a common corner with Lot 2 of said Short Plat,

Thence South 89°34'08" East along the line common to Lots 1 and 2 of said Short Plat a distance of 147.86 feet to the southeast corner of said Lot 2,

Thence North 00°25'52" East along the east line of said Lot 2 a distance of 50 00 feet,

Thence North 89°34'08" West parallel to the south line of said Lot 2 a distance of 147.86 feet,

Thence South 00°25'52" West 50.00 feet to the point of beginning

EXHIBIT B

Lot 1 of Short Plat No. 1079107, recorded under Recording No 7912270667, records of King County, Washington

Together with that portion of Lot 2 of Short Plat No 1079107, recorded under Recording No 7912270667, records of King County, Washington, described as follows

Beginning at the northwest corner of Lot 1 of Short Plat No 1079107, recorded under Recording No 7912270667, said corner being a common corner with Lot 2 of said Short Plat,

Thence South 89°34'08" East along the line common to Lots 1 and 2 of said Short Plat a distance of 147 86 feet to the southeast corner of said Lot 2,

Thence North 00°25'52" East along the east line of said Lot 2 a distance of 50 00 feet,

Thence North 89°34'08" West parallel to the south line of said Lot 2 a distance of 147.86 feet,

Thence South 00°25'52" West 50 00 feet to the point of beginning

Recording Requested By

SeaTac Plaza Corporation

When Recorded Mail To

CITY OF FEDERAL WAY ATT Legal Department P O Box 9718 Federal Way, WA 98063



EXHIBIT "B" TO EASEMENT PURCHASE AND SALE AGREEMENT

PERMANENT AND TEMPORARY CONSTRUCTION EASEMENT FOR SURFACE WATER FACILITIES

Grantor (s) DCG II LLC

Grantee (s) CITY OF FEDERAL WAY

Property Legal Description (abbreviated) Lot 2, King County Short Plat Number 1079107, Tract B of the Plat of Evergreen Plaza, Vol 100 of Plats, Pages 74-75 in King County, Washington Easement Legal Descriptions (abbreviated) The West 30 feet of Lot 2 of King County Short Plat 1079107, together with West 30 feet of Tract B of the Plat of Evergreen Plaza as recorded in Volume 100 of Plats at page 74 and 75 (Permanent Easement), North 30 feet of Lot 2 of King County Short Plat 1079107 (Temporary Construction Easement) Entire Legal(s) on Exhibits A and B, pages 4 and 6.

Assessor's Tax Parcel ID#(s) 2423200050 and 2423200060

1. Grant of Permanent Easement. DCG II LLC, a Washington limited liability corporation ("Grantor"), owns certain real property (the "Servient Property") located in Federal Way, Washington, legally described as follows

Lot 2, King County Short Plat Number 1079107, recorded under Recording Number 7912270667, in King County, Washington

AND Tract B, Evergreen Plaza, according to the plat thereof recorded in Volume 100 of Plat, page 74 and 75, in King County, Washington

For and in consideration of Ten Dollars (\$10 00) and other valuable consideration, the receipt of which is hereby acknowledged, Grantor grants, conveys and warrants to the CITY OF FEDERAL WAY, a Washington municipal corporation ("Grantee") for the purposes hereinafter set forth a

permanent, perpetual easement ("the Permanent Easement") under, across and over that portion of the Servient Property legally described in Exhibit 1 and depicted on Exhibit 2, both of which are attached hereto and incorporated herein by this reference

- 2. Purpose of Easement. The purpose of the Easement is to allow Grantee to construct, reconstruct, operate, maintain, repair, replace, remove, grade, and excavate surface water facilities ("Facilities") within the Easement Grantee and its agents, designees and/or assigns shall have the right, without prior notice to Grantor, at such times as deemed necessary by Grantee, to enter upon the Property in furtherance of the purposes of the Easement described herein
- 3. Access. Grantee shall have the right of access to the Easement over and across the improved driveways and parking lot existing on the Servient Property, or by any other method mutually agreeable to Grantor and Grantee, to enable Grantee to exercise the rights granted hereunder by utilizing the improved driveway existing on the Servient Property Grantee agrees to keep Grantor informed as to the routes of access utilized under this paragraph
- **4. Obstructions; Landscaping.** Grantee may remove vegetation, trees, or other obstructions within the Easement, and may level and grade the Easement to the extent reasonably necessary to carry out the purposes set forth in Paragraph 2 hereof, provided, that following any such work, Grantee shall, to the extent reasonably practicable, restore the Easement to a condition similar to its condition prior to such work
- 5. Grantor's Use of Permanent Easement. The Permanent Easement shall be exclusive to Grantee, provided, however, Grantor reserves the right to use the Easement for any purpose not inconsistent with Grantee's rights provided further, that Grantor shall not construct or maintain any buildings or other structures on the Permanent Easement, that Grantor shall not perform grading or other form of construction activity on the Property, which would alter the functioning of the Facilities, and that Grantor shall not blast within fifteen (15) feet of the Easement
- 6. Grant of Temporary Easement. Grantor also grants, conveys and warrants to Grantee a temporary construction easement (the "Temporary Easement") under, across and over certain real property legally described in Exhibit 3 hereto and depicted on Exhibit 2, both of which are attached hereto and incorporated herein by this reference. The Temporary Easement is to provide additional property for use during construction of the Facilities, including but not limited to stockpiling of supplies and equipment storage. The Temporary Easement shall remain in effect from the date of this Easement document through construction and until such time the Facilities have been accepted for operation by the Grantor
- 7. Successors and Assigns. The terms of this Permanent Easement, and the rights and obligations of the Grantor and Grantee provided herein, are intended to and shall be benefits and servitudes upon the Servient Property and shall run with the land and bind and inure to the benefit of the parties hereto, their respective heirs, personal representatives, tenants, successors, heirs and/or assigns

DATED THIS 3 day of November, 2001
GRANTOR DCG II LLC By:
(Type/printed name)
Managing Portner (Title)
[Corporate Notary]
STATE OF)) ss COUNTY OF)
On this day personally appeared before me O. MICHAEL DUCK. to me known to be the Maragina part the of the Composition of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he/she was authorized to execute said instrument and that the seal affixed, if any, is the corporate seal of said corporation
GIVEN my hand and official seal this
By Sterbank, City Attorney
K \PUBWORK\SEATEAS Rev for Margins 10-16-01

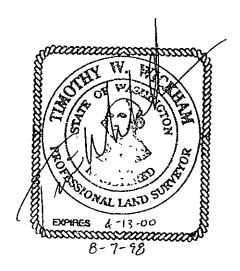
PERMANENT EASEMENT LEGAL DESCRIPTION

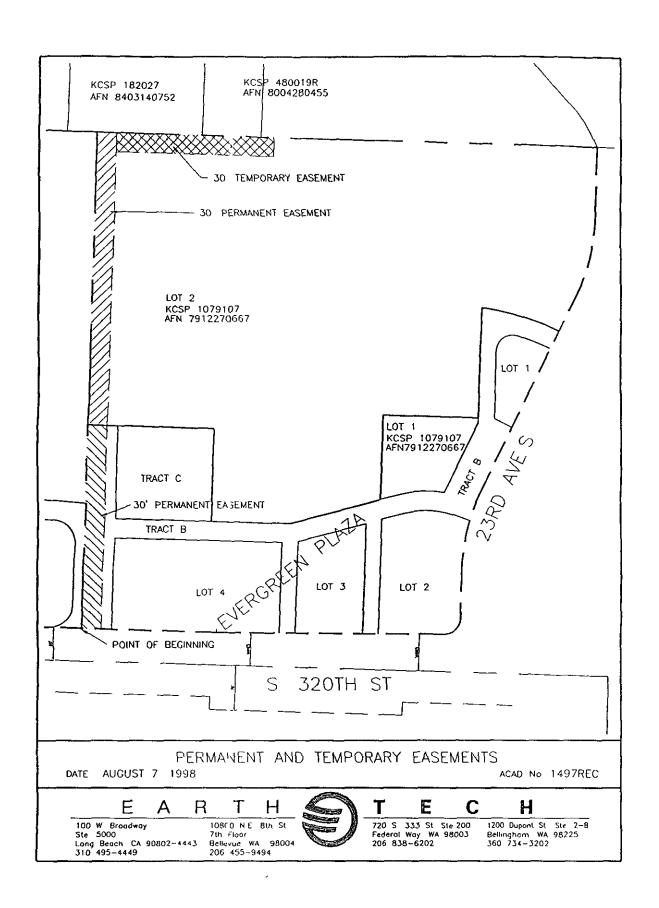
THAT PORTION OF TRACT B OF THE PLAT OF EVERGREEN PLAZA AS RECORDED IN VOLUME 100 OF PLATS AT PAGE 74 AND 75 , RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS

BEGINNING AT THE SOUTHWEST CORNER OF SAID TRACT B, SAID CORNER ALSO BEING THE SOUTHWEST CORNER OF SAID PLAT, THENCE NORTH 00°18'15" EAST ALONG THE WEST LINE OF SAID TRACT B, 318 00 FEET TO THE NORTHWEST CORNER OF SAID TRACT B, THENCE SOUTH 89°34'08" EAST ALONG THE NORTH LINE OF SAID TRACT B, 30 00 FEET, THENCE SOUTH 00°18'15" WEST, 318 00 TO THE SOUTH LINE OF SAID TRACT B, THENCE NORTH 89°34'08" WEST ALONG SAID SOUTH LINE, 30 00 FEET TO THE POINT OF BEGINNING

TOGETHER WITH THE WEST 30 FEET OF LOT 2 OF KING COUNTY SHORT PLAT 1079107 AS RECORDED UNDER RECORDING NUMBER 7912270667, RECORDS OF KING COUNTY, WASHINGTON

CONTAINING 23,250 SQUARE FEET

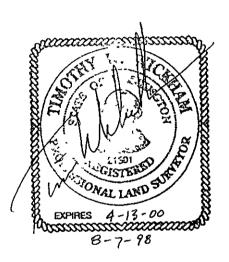




TEMPORARY EASEMENT LEGAL DESCRIPTION

THE NORTH 30 FEET OF THE EAST 245 50 FEET OF THE WEST 275 50 FEET OF LOT 2 OF KING COUNTY SHORT PLAT 1079107 AS RECORDED UNDER RECORDING NUMBER 7912270667, RECORDS OF KING COUNTY, WASHINGTON

CONTAINING 7365 SQUARE FEET





Name City of Federal Way
OH City Officed
Address P.O. Box 9718

Return Address

City, State, Zip Federal Way up 98063

Document Title(s) (or transactions contained therein)
1 Ensement Purchase and Sate Agreement 2 3 4 Reference Number(s) of Documents assigned or released:
(on page of documents(s))

Grantor(s) (Last name first, then first name and initials)
1 DCGII, LLC 2 3
5 Additional names on page of document
Grantee(s) (Last name first, then first name and initials)
1 City of Federal Way EXCISE TAX NOT REQUIRED King Co Records Division By Frank Deputy
5 Additional names on page of document.
Legal description (abbreviated 1 e lot, block, plat or section, township, range)
Additional legal is on page of document
Assessor's Property Tax Parcel/Account Number 4423200050 + 2423200060
Additional legal is on pageof document
The Auditor/Recorder will rely on the information provided on the form. The staff will not read the document to verify the accuracy or completeness of the indexing information provided herein.

EASEMENT PURCHASE AND SALE AGREEMENT

This agreement ("Agreement") made this $\sqrt{\frac{1}{2}}$ day of $\sqrt{\frac{1}{2}}$, 2000 between the City of Federal Way, a Washington municipal corporation ("City"), and DCG II LLC, a Washington limited liability corporation ("DCG").

Whereas, the City intends to, in the near term, construct and maintain the SeaTac Mall Detention improvement project ("the Project"), and in the long term construct and maintain certain grid streets in the downtown City Center Core as shown in the City's adopted GMA Comprehensive Plan; and

Whereas, DCG is the owner of certain real property located in Federal Way, Washington, legally described in Exhibit A hereto ("the Property"); and

Whereas, portions of the Property are required by the City for the Project and for construction of a certain grid street shown in the City's adopted GMA Comprehensive Plan, and

Whereas, the Federal Way City Council has adopted Ordinance No 98-317, authorizing condemnation of a portion of the DCG property for the Project;

Whereas, DCG wishes to redevelop a portion of its property currently devoted to surface water drainage facilities; and

Whereas, the parties wish to avoid condemnation litigation and the attendant cost, delay, and uncertainty, and in consideration for the mutual agreements contained below.

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS.

1. Transfer of Ownership

- 1.1 Easement Area. DCG shall convey to the City at closing a permanent easement and temporary construction casement by fully executing, delivering and recording an easement in the form attached hereto as Exhibit "B" and incorporated herein by this reference ("Permanent Easement"). The Permanent and Temporary Construction Easement affects a portion of the Property (the "Easement Area") and is legally described and depicted in exhibits 1 and 2 to Exhibit "B"
- 1.2 <u>Tract "X" Reservation and Future Dedication</u> DCG covenants and agrees to reserve Tract X, located along the west boundary of the Property and of Tract B of the Plat of Evergreen Plaza, as recorded at Volume 100, Page 74-75 of Plats, Records of King County, Washington, and as depicted and really described in Exhibits C and D hereto DCG further

covenants and agrees to dedicate Tract X to the City for right-of-way, street and utility purposes at such time as the City determines, in its sole discretion, that Tract X is needed for those purposes. A Statutory Warranty Deed, in the form attached as Exhibit E and conveying Tract X (subject to all matters of record), shall be executed by all owners of Tract X (including DCG, its heirs, grantees, and assigns, as applicable) and shall be delivered to the City of Federal Way within fourteen (14) days of the City's demand therefor.

2 Project and Other Conditions

- 2.1. Agreement Not to Protest LID. DCG covenants and agrees to participate m, and not oppose or protest, the formation of a Limited Improvement District ("LID") pursuant to RCW 35 43 designed to construct, maintain and/or improve a road upon Tract X. The timing of any LID shall be determined by the City of Federal Way, in its sole discretion.
- 2.2. Use of Tract X. During the period between the date of this Agreement and the date of the conveyance of Tract X as provided herein, DCG covenants and agrees that it shall not install or construct any structures on or within the boundaries of Tract X, and that DCG shall be responsible, at its sole cost and expense, for removing any structures on or within Tract X prior to its conveyance to the City. Until such time as Tract X is conveyed as provided herein, however, nothing in this paragraph shall prohibit DCG from paving or using Tract X for ingress, egress, parking, or landscaping, or from maintaining any rockeries or other structures providing lateral support and existing as of the date of closing. DCG can maintain its project sign in its current location to the extent that the sign meets all sign code requirements and does not present a public safety problem. If DCG replaces or repairs the sign, to comply with Federal Way City Code requirements or otherwise, or if the City authorizes construction of a road within Tract X, DCG must relocate the sign to a location outside of Tract X, or to a new location within Tract X approved by the Federal Way Public Works Director.
- Storm Water Drainage Volume In consideration of DCG's agreement 2.3 to grant a permanent easement as provided in Paragraph 1.1, and to reserve and agree to dedicate Tract X as provided in Paragraph 12, the City agrees to provide in the Project sufficient conveyance volume, and to provide sufficient storage capacity at the \$336th/Kitts Regional Storage Facility For purposes of this Paragraph, "sufficient conveyance volume" and sufficient storage capacity" mean the volume and capacity necessary to accommodate the volume of treated storm water generated by 2- and 10 year storms, as determined by application of the HSPF method and Federal Way City Code requirements existing as of the date of this Agreement. "Sufficient conveyance volume" and sufficient storage capacity" as used herein shall account for that volume of treated storm water which would naturally drain from the Property (including Tract C of the Plat of Evergreen Plaza, Volume 100, Page 74-75 of Plats) and any other property that as of the date of the Agreement uses Tract C as a storm water detention facility, assuming that the Property, Tract C and any other property using Tract C as a storm water detention facility were fully developed with the maximum allowable amount of impervious surface area. Accordingly, subject to Paragraph 2.5 below, the City agrees that for a period of ten (10) years from the date of this Agreement, or until completion of the first redevelopment of the Property, whichever

occurs first, DCG shall not be required, as a condition of redevelopment of the Property, including Tract C, and/or any other property that uses Tract C as a storm water detention facility, to provide any retention/detention facilities on the Property or Tract C to detain storm water generated by 2- and 10-year storms, unless otherwise required by state or federal law, PROVIDED, however, that during and after said period the City may require DCG to construct any surface water retention / detention required pursuant to state or federal law, or pursuant to any City code, regulation or ordinance required to be adopted by state or federal law. Following the expiration of ten (10)years from the date of this Agreement, or following the first redevelopment of the Property, whichever occurs first, any further redevelopment shall be governed by the provisions of the Federal Way City Code then in effect. For purposes of this paragraph, "redevelopment" shall be defined as the construction or expansion of any structure on DCG Property and/or Tract C (subject to paragraph 2.5), or the addition or replacement of impervious surface, but shall not include exterior cosmetic work with a value of \$120,000.00 or less and as depicted in plans contained in PRE00100466 on file with the City of Federal Way.

This Agreement pertains only to the volume of storm water, as described above, which flows or drains from the Property and any other property that as of the date of this Agreement uses Tract C as a storm water detention facility, assuming the Property and other property using Tract C are fully developed with the maximum allowable amount of impervious surface area Nothing in this paragraph shall be deemed to relieve DCG, its heirs, successors or assigns, or the owner of any other property from complying with all applicable Federal Way City Code water quality requirements with respect to any use, development or redevelopment of the Property, Tract C, or any other property, at any time.

2.4 Connection of Tract C to Project

The City will include a manhole installation on the City's trunk line in a location suitable to receive a connection from Tract C. The City will reconnect the existing outlet pipe from Tract C into this manhole.

Plaza Drainage study, dated June 17, 1976, the detention pond in Tract C appears to have been designed to provide only water quantity control, not water quality control. DCG, its heirs, successors or assigns shall comply with all applicable Federal Way City Code water quality requirements with respect to any use, development or redevelopment of the Property, Tract C, or any other property, and DCG understands and acknowledges that the City may require the owner(s) of any other property draining to the Tract C pond to comply with all applicable Federal Way City Code water quality requirements with respect to any use, development or redevelopment of said owners' property. To determine application of Federal Way City Code water quality requirements, Tract C will be treated as a separate from any other property draining to it, from Tracts A and B, or from any other lots or parcels within Short Plat No. 7912270667 In the event that DCG obtains a binding site plan approval from the City of Federal Way to convert Tract C into a separate, legal lot, any improvements to Tract C will require a water quality facility sufficient to serve Tract C and its improvements only, and such improvements upon Tract C will

not constitute the "first redevelopment" for Tracts A or B, or from any other lots or parcels within Short Plat No. 7912270667, subject to the provisions of Paragraph 2 3 above, unless development upon Tract C is part of an overall development or redevelopment involving adjacent parcels

2.6 <u>Project Traffic Control</u> During the construction of the storm drainage improvements, at least one lane of traffic will be provided within Tract X at all times

3. Title

3.1 Condition of Title. Title to the Permanent Easement shall be acceptable to the City DCG shall obtain the subordination of all monetary encumbrances or defects which have a prior interest to the City and which, in the City's sole discretion, are unacceptable to the City. If requested by the City, DCG shall, to the extent reasonably practicable, obtain the subordination of all nonmonetary encumbrances or defects which have a prior interest to the City and which in the City's reasonable discretion are unacceptable to the City.

4. Closing

- 4.1 <u>Closing of the Transfer</u>. This transfer shall be closed on or before May 31, 2000, after the City's notice to DCG of the City's satisfaction of the contingencies set forth in Section 5.1 herein, or at another time agreed to in writing by the parties.
- 4.2 <u>Closing Agent</u> This sale shall be closed by a closing agent designated by City. The City and DCG shall, immediately upon demand, deposit with closing agent all instruments and monies required to complete the purchase in accordance with this Agreement.
- 4.3 <u>Closing Costs and Proration</u>. The City shall pay all closing costs, including recording and escrow fees. Taxes for the current year and all rents, interest, utilities and other liens and charges shall be prorated as of closing. The parties shall pay those charges accruing to the date of closing on or before the date of closing.
- 4.4 <u>Possession</u>. The City shall be entitled to possession of the Property either pursuant to the terms of a possession and use agreement, or at closing, whichever occurs first.

5. Contingencies

- 5.1 The Contingencies. The City's obligation to accept the Permanent Easement and Tract X, or otherwise perform under this Agreement, are conditioned upon and subject to the City's satisfaction, in its sole discretion, or the City's written waiver of the following contingencies
 - (a) The City's determination that the soils of the Permanent Easement and/or Tract X, or structures or improvements on the Permanent Easement and/or Tract X, are free from

any hazardous substances whatsoever DCG shall reasonably cooperate with the City to provide such information that the City requests to the extent that such information or documents exist and are under the control of the DCG, and grant to the City the right to enter the Permanent Easement and/or Tract X at reasonable times upon prior notice to DCG to inspect and obtain necessary samples from the same. This contingency is solely for the City's benefit and shall be determined in the exercise of the City's sole discretion;

- (b) Final approval of this Agreement by the City Council of Federal Way:
- (c) The truth and accuracy of all representations by DCG;
- (d) The absence of any violation of federal, state or City laws including without limitation, all City codes, ordinances, resolutions, regulations, standards and policies, as now existing or hereafter adopted or amended, affecting the use, occupancy or condition of the Property;
- (c) DCG's failure to comply with the order of any court or governmental authority or agency pertaining to the Permanent Easement or Tract X, or the use, occupancy or condition of the Permanent Easement or Tract X:
- (f) The pendency or threat of any litigation or proceeding relating to the Permanent Easement or Tract X; or
- (g) Any material change in the Permanent Easement or Tract X, or the improvements on the Permanent Easement or Tract X occurring after the execution of this Agreement.
- 5 2 Contingency Period. In connection with the hazardous waste contingency contained in Section 4 1(a) herein, the City has forty-five (45) days from the date of the City's receipt of DCG's acceptance of this offer to notify DCG of the City's determination; provided, however, that the City shall have the right to extend this contingency period for thirty (30) days upon notice of such extension from the City to DCG. In connection with all other contingencies, the City shall have until the closing date in which to notify DCG that it has satisfied or waived satisfaction of the contingencies or has elected to terminate this Agreement pursuant to such contingencies.
- 5.3 Expiration of Contingency Period. If DCG does not receive the notice required by Section 4.2 prior to the closing date, this Agreement shall terminate, at the City's election.

6 DCG's Representations and Warranties

6.1 Environmental Conditions. Notwithstanding the contingencies above, it is DCG's obligation at its sole cost and expense to comply or ensure compliance with all federal, state, foreign and local laws or administrative orders with respect to environmental conditions existing on the Property at closing including, without limitation, the Resource Conservation and Recovery Act, the Comprehensive Environmental Response, Compensation and Liability Act, the Spill

Compensation and Control Act, and the Environmental Cleanup Responsibility Act. Such obligation, and any liability that DCG may have for any breach thereof shall survive the closing.

In the event the City discovers or is notified about the existence of any environmental condition (including, without limitation, a spill, discharge or contamination) that existed as of and/or prior to the closing date or any act or omission occurring prior to the closing date, the result of which may require remedial action pursuant to any law or may be the basis for the assertion of any third party claims, including claims of governmental entities, the City shall promptly notify DCG and DCG shall, at its sole cost and expense, proceed with due diligence and in good faith to take the appropriate action and response thereto. In the event that DCG fails to so proceed with due diligence and good faith, the City may, at its option, proceed to take the appropriate action and shall have the rights to indemnity as set forth below.

6.2 No Material Defect. DCG is unaware of any material defect in the Easement Area or Tract X

7. Indemnities

- 7.1 DCG's Indemnities Notwithstanding the City's waiver or satisfaction of any of the contingencies, DCG agrees to indemnify and hold harmless the City, against and in respect of, any and all damages, claims, losses, liabilities, judgments, demands, fees, obligations, assessments, and expenses and costs, including without limitation, reasonable legal, accounting, consulting, engineering and other expenses which may be imposed upon or incurred by the City, or asserted against the City, by any other party or parties (including, without limitation, a governmental entity), arising out of or in connection with (1) any action on, in or affecting the Easement Area by DCG or its agents or tenants prior or subsequent to closing, except to the extent caused by the negligence of the City; and/or (2) any environmental condition existing on the Property as of and/or prior to the closing date, including the exposure of any person to any such environmental condition, regardless of whether such environmental condition or exposure resulted from activities of DCG or its predecessors in interest. These indemnities shall survive closing and be in addition to DCG's obligation for breach of a representation or warranty as may be set forth herein
- 7.2 City's Indemnuties The City agrees to indemnify and hold harmless DCG, against and in respect of, any and all damages, claims, losses, liabilities, judgments, demands, fees, obligations, assessments, and expenses and costs, including without limitation, reasonable legal, accounting, consulting, engineering and other expenses (except consequential economic damages) which may be imposed upon or incurred by DCG, or asserted against the DCG, by any other party or parties (including, without limitation, a governmental entity), arising out of the City's work on the Project on the Property, except to the extent caused by the negligence of DCG. This indemnity shall survive closing.
- 8. Notice Any notice made pursuant to this Agreement, must be in writing, signed by the City Manager or designee or the DCG and delivered to the City or the DCG at their

respective addresses set forth below. Facsimile transmission of any signed original document shall not be the same as transmission of an original.

9 General Conditions

- 9.1 <u>Performance</u>. Time is of the essence to this Agreement.
- 9 2 Entire Agreement. This Agreement contains all of the agreements of the parties with respect to any matter covered or mentioned in this Agreement and no prior agreements or understandings pertaining to any such matters shall be effective for any purpose
- 9 3 Modification. No provision of this Agreement may be amended or added to except by agreement in writing signed by the parties
- 9.4 Full Force and Effect. Any provision of this Agreement which is declared invalid, void or illegal shall in no way affect, impair, or invalidate any other provision hercof and such other provisions shall remain in full force and effect
- 9 5 Governing Law This Agreement shall be made in and shall be governed by and interpreted in accordance with the laws of the State of Washington
- 96 <u>Captions</u>. The respective captions of the paragraphs of this Agreement are inserted for convenience of reference only and shall not be deemed to modify or otherwise affect in any respect any of the provisions of this Agreement.
- 10. <u>Survival of Warranties</u>. The terms, covenants, representations and warranties contained in this Agreement shall not merge in the Deed, but shall survive closing
- 11. Covenants and Easements to Run With Land. The terms, covenants, easements and agreements contained within Paragraphs 1 1 and 1.2 are intended to and shall be benefits and servitudes upon the Property and shall run with the land and bind and mure to the benefit of the parties hereto, their respective heirs, personal representatives, tenants, successors, and/or assigns. This Agreement, the Permanent Easement provided for by Paragraph 1.1, and the Statutory Warranty Deed provided for by Paragraph 1 2 shall be recorded with the King County Auditor in King County, Washington.
- 12. <u>Termination of Agreement</u> The City offers to purchase the Permanent Easement on the terms and conditions set forth herein. In the event the Owner does not accept this offer on or before May 16, this offer shall expire and terminate

Dated this 24th day of May, 2000
CITY: CITY OF FEDERAL WAY

David H. Moseley, City Manager 33530 1st Way South Federal Way, WA 98003 (253) 661-4013

APPROVED AS TO FORM:

Londi K. Lindell, City Attorney

Owner's Acceptance. DCG agrees to sell and transfer the Permanent Easement according to the terms and conditions in this Agreement. DCG acknowledges receipt of a copy of this Agreement on Mag 24, 2000 signed by all parties, and acknowledges having read the terms and conditions herein

OWNER (Corporate)

DCG II LLC

By: D. Michael Dunne
(signature)

D. Michael Dunne
(typed/printed name)

Managing partner
(title)

25022 104th Ave SE Ste B

Kent WA 98031
(Address)
(153) 852-16400
(Phone)

City's R Agreement on K \SEATAC\P! \AZA\SEA	By. A Muly
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# EXHIBIT A TO EASEMENT AGREEMENT DCG PROPERTY LEGAL DESCRIPTION

Lots 1 and 2, King County Short Plat Number 1079107, recorded under Recording Number 7912270667, said short plat being known as Tract A, Evergreen Plaza, according to the plat thereof recorded in volume 100 of Plats, pages 74 and 75, in King County, Washington;

AND Tract B, Evergreen Plaza, according to the plat thereof recorded in Volume 100 of Plats, pages 74 and 75, in King County, Washington

# 2002 032 6 (2343

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Recording Requested By

SeaTac Plaza Corporation

When Recorded Mail To

CITY OF FEDERAL WAY ATT Legal Department P O Box 9718 Federal Way, WA 98063

#### EXHIBIT "B" TO EASEMENT PURCHASE AND SALE AGREEMENT

#### PERMANENT AND TEMPORARY CONSTRUCTION EASEMENT FOR SURFACE WATER FACILITIES

Grantor (s) DCG II LLC

Grantee (s) CITY OF FEDERAL WAY

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Assessor's Tax Parcel ID#(s) 2423200050 and 2423200060

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permanent, perpetual easement ("the Permanent Easement") under, across and over that portion of the Servient Property legally described in Exhibit 1 and depicted on Exhibit 2, both of which are attached hereto and incorporated herein by this reference

- 2. Purpose of Easement. The purpose of the Easement is to allow Grantee to construct, reconstruct, operate, maintain, repair, replace, remove, grade, and excavate surface water facilities ("Facilities") within the Easement Grantee and its agents, designees and/or assigns shall have the right, without prior notice to Grantor, at such times as deemed necessary by Grantee, to enter upon the Property in furtherance of the purposes of the Easement described herein
- 3. Access. Grantee shall have the right of access to the Easement over and across the improved driveways and parking lot existing on the Servient Property, or by any other method mutually agreeable to Grantor and Grantee, to enable Grantee to exercise the rights granted hereunder by utilizing the improved driveway existing on the Servient Property Grantee agrees to keep Grantor informed as to the routes of access utilized under this paragraph
- **4. Obstructions; Landscaping.** Grantee may remove vegetation, trees, or other obstructions within the Easement, and may level and grade the Easement to the extent reasonably necessary to carry out the purposes set forth in Paragraph 2 hereof, provided, that following any such work, Grantee shall, to the extent reasonably practicable, restore the Easement to a condition similar to its condition prior to such work
- 5. Grantor's Use of Permanent Easement. The Permanent Easement shall be exclusive to Grantee, provided, however, Grantor reserves the right to use the Easement for any purpose not inconsistent with Grantee's rights provided further, that Grantor shall not construct or maintain any buildings or other structures on the Permanent Easement, that Grantor shall not perform grading or other form of construction activity on the Property, which would alter the functioning of the Facilities, and that Grantor shall not blast within fifteen (15) feet of the Easement
- 6. Grant of Temporary Easement. Grantor also grants, conveys and warrants to Grantee a temporary construction easement (the "Temporary Easement") under, across and over certain real property legally described in Exhibit 3 hereto and depicted on Exhibit 2, both of which are attached hereto and incorporated herein by this reference. The Temporary Easement is to provide additional property for use during construction of the Facilities, including but not limited to stockpiling of supplies and equipment storage. The Temporary Easement shall remain in effect from the date of this Easement document through construction and until such time the Facilities have been accepted for operation by the Grantor
- 7. Successors and Assigns. The terms of this Permanent Easement, and the rights and obligations of the Grantor and Grantee provided herein, are intended to and shall be benefits and servitudes upon the Servient Property and shall run with the land and bind and inure to the benefit of the parties hereto, their respective heirs, personal representatives, tenants, successors, heirs and/or assigns

DATED THIS 3 day of November	, 2001.
GRANTOR DCG II LLC By	
(Type/printed name)	
Managing Partner (Title)	
[Corporate Notary]	
STATE OF ) ) ss. COUNTY OF )	
On this day personally appeared before me D. MCNGD to me known to be the Maragora partner , the corpor foregoing instrument, and acknowledged the said instrument to be the fideed of said corporation, for the uses and purposes therein mentioned he/she was authorized to execute said instrument and that the seal affixes seal of said corporation	l, and on oath stated that
GIVEN my hand and official seal this day of	MOC , 2001
APPROVED AS TO FORM:  By Sterbank, City Attorney	PUBLIC 8
K \PUBWORK\SEATEAS Rev for Margins 10-16-01	

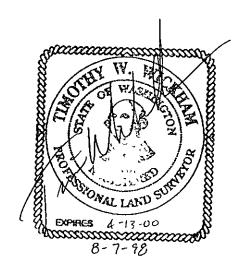
#### PERMANENT EASEMENT LEGAL DESCRIPTION

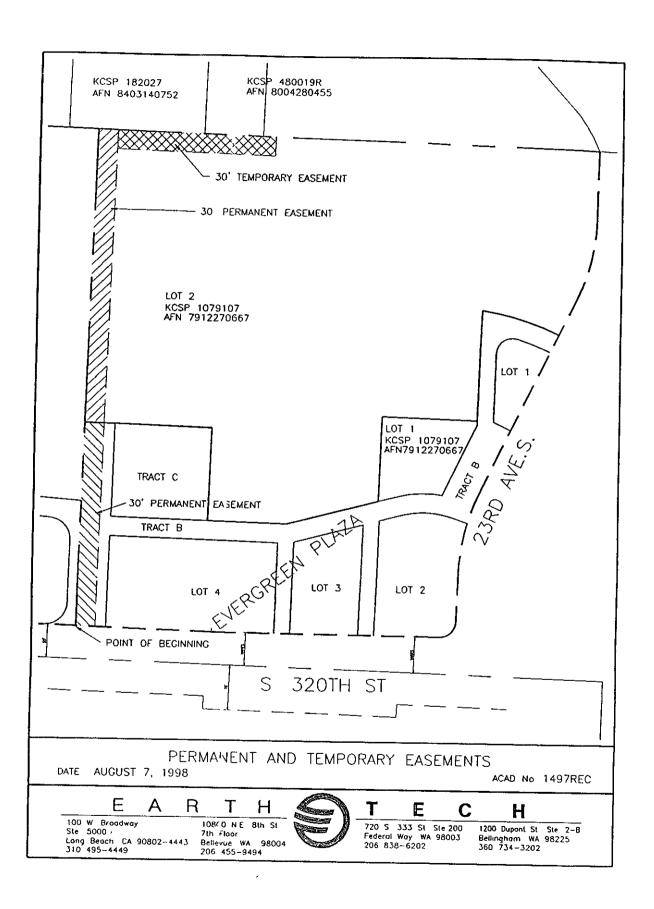
THAT PORTION OF TRACT B OF THE PLAT OF EVERGREEN PLAZA AS RECORDED IN VOLUME 100 OF PLATS AT PAGE 74 AND 75 , RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS

BEGINNING AT THE SOUTHWEST CORNER OF SAID TRACT B, SAID CORNER ALSO BEING THE SOUTHWEST CORNER OF SAID PLAT, THENCE NORTH 00°18'15" EAST ALONG THE WEST LINE OF SAID TRACT B, 318 00 FEET TO THE NORTHWEST CORNER OF SAID TRACT B, THENCE SOUTH 89°34'08" EAST ALONG THE NORTH LINE OF SAID TRACT B, 30 00 FEET, THENCE SOUTH 00°18'15" WEST, 318 00 TO THE SOUTH LINE OF SAID TRACT B; THENCE NORTH 89°34'08" WEST ALONG SAID SOUTH LINE, 30 00 FEET TO THE POINT OF BEGINNING

TOGETHER WITH THE WEST 30 FEET OF LOT 2 OF KING COUNTY SHORT PLAT 1079107 AS RECORDED UNDER RECORDING NUMBER 7912270667, RECORDS OF KING COUNTY, WASHINGTON

CONTAINING 23,250 SQUARE FEET

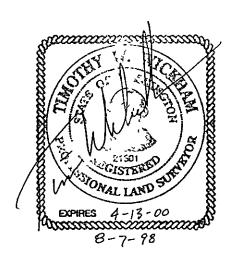




#### TEMPORARY EASEMENT LEGAL DESCRIPTION

THE NORTH 30 FEET OF THE EAST 245 50 FEET OF THE WEST 275 50 FEET OF LOT 2 OF KING COUNTY SHORT PLAT 1079107 AS RECORDED UNDER RECORDING NUMBER 7912270667, RECORDS OF KING COUNTY, WASHINGTON

**CONTAINING 7365 SQUARE FEET** 



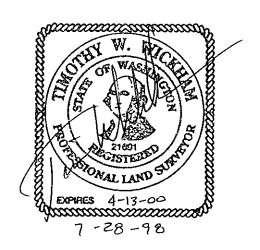
#### TRACT X

THAT PORTION OF TRACT B OF THE PLAT OF EVERGREEN PLAZA AS RECORDED IN VOLUME  $100\,$  OF PLATS AT PAGE 74 AND 75 , RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS

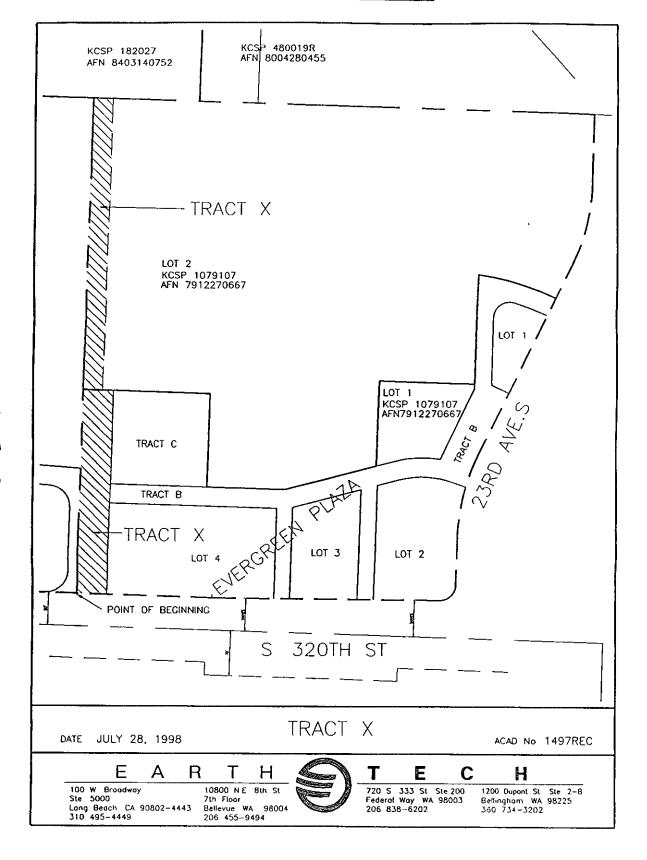
BEGINNING AT THE SOUTHWEST CORNER OF SAID TRACT B, SAID CORNER ALSO BEING THE SOUTHWEST CORNER OF SAID PLAT, THENCE NORTH 00°18'15" EAST ALONG THE WEST LINE OF SAID TRACT B, 318 00 FEET TO THE NORTHWEST CORNER OF SAID TRACT B, THENCE SOUTH 89°34'08" EAST ALONG THE NORTH LINE OF SAID TRACT B, 46 88 FEET TO THE NORTHEAST CORNER OF SAID TRACT B; THENCE SOUTH 00°25'52" WEST, 318 00 TO THE SOUTH LINE OF SAID TRACT B, THENCE NORTH 89°34'08" WEST ALONG SAID SOUTH LINE , 46.18 FEET TO THE POINT OF BEGINNING

TOGETHER WITH THE WEST 30 FEET OF LOT 2 OF KING COUNTY SHORT PLAT 1079107 AS RECORDED UNDER RECORDING NUMBER 7912270667, RECORDS OF KING COUNTY, WASHINGTON

CONTAINING 28,506 SQUARE FEET



EXHIBIT



Return Address

City of Federal Way Attn Law Dept P.O Box 9718 Federal Way, WA 98063

#### EXHIBIT "E" TO EASEMENT PURCHASE AND SALE AGREEMENT

#### STATUTORY WARRANTY DEED

Grantor. DCG II LLC

Grantee: CITY OF FEDERAL WAY

Property Legal Description (abbreviated) West 30 feet of Lot 2 of King County Short Plat 1079107, together with approximately the West 46.88 feet of Tract B of the Plat of Evergreen Plaza as recorded in Volume 100 of Plats, pages 74-75 Additional Legals on Exhibit A Assessor's Tax Parcel ID#(s) 2423200050 and 2423200060

THE GRANTOR, DCG II LLC, a Washington limited liability corporation, for and in consideration of One Dollar (\$1 00), and under the threat of the exercise of eminent domain, conveys and warrants to the CITY OF FEDERAL WAY, a Washington municipal corporation, the real property described in Exhibit "A" herewith attached and made a part hereof, and any after-acquired interest therein, situated in King County in the State of Washington

DATED THIS 3 day of November , 2001

GRANTOR
DCG II LLC  D  D  D  L  L  L  L  L  L  L  L  L  L
(signature)
D. Michael Dunne
(typed/printed name)
Maraging Partner
(title)

OF WASHINGTON
[Corporate Notary]
STATE OF WASHINGTON )
COUNTY OF KING )
On this day personally appeared before me Microscopy, to me known to be the more and partner of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he/she was authorized to execute said instrument and that the seal affixed, it any, is the corporate seal of said corporation.  GIVEN my hand and official seal this
day of November, 2001
(notary signature)  (typed/printed name of notary)  Notary Public in and for the State of Washington My commission expires 9-19-04

K \pubwork\seatdeed 05-15-2000 Rev for margins 10-16-01

#### TRACT X

THAT PORTION OF TRACT B OF THE PLAT OF EVERGREEN PLAZA AS RECORDED IN VOLUME 100 OF PLATS AT PAGE 74 AND 75 , RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS

BEGINNING AT THE SOUTHWEST CORNER OF SAID TRACT B, SAID CORNER ALSO BEING THE SOUTHWEST CORNER OF SAID PLAT, THENCE NORTH 00°18'15" EAST ALONG THE WEST LINE OF SAID TRACT B, 318 00 FEET TO THE NORTHWEST CORNER OF SAID TRACT B, THENCE SOUTH 89°34'08" EAST ALONG THE NORTH LINE OF SAID TRACT B, 46 88 FEET TO THE NORTHEAST CORNER OF SAID TRACT B, THENCE SOUTH 00°25'52" WEST, 318.00 TO THE SOUTH LINE OF SAID TRACT B, THENCE NORTH 89°34'08" WEST ALONG SAID SOUTH LINE , 46 18 FEET TO THE POINT OF BEGINNING

TOGETHER WITH THE WEST 30 FEET OF LOT 2 OF KING COUNTY SHORT PLAT 1079107 AS RECORDED UNDER RECORDING NUMBER 7912270667, RECORDS OF KING COUNTY, WASHINGTON

CONTAINING 28,506 SQUARE FEET





RETURN ADDRESS:
Puget Sound Energy, Inc
Attn: R/W Department
PO Box 90868, GEN-03E
Bellevue, WA 98009-0868

### ORIGINAL

#### **EASEMENT**

REFERENCE #

**GRANTOR** 

DCG II, LLC

GRANTEE ·

**PUGET SOUND ENERGY, INC.** 

SHORT LEGAL SW 1/4 Sec. 9, Twp. 21N, Rg. 04E, W. M. ASSESSOR'S PROPERTY TAX PARCEL. 242320-0060

For and in consideration of One Dollar (\$1.00) and other valuable consideration in hand paid, DCG II, LLC, a Washington limited liability company (Grantor" herein), hereby conveys and warrants to PUGET SOUND ENERGY, INC., a Washington corporation ("Grantee" herein), for the purposes hereinafter set forth, a nonexclusive perpetual easement over, under, along, across, and through the following described real property ("Property" herein) in King County, Washington

TRACT B, EVERGREEN PLAZA, A PLANNED UNIT DEVELOPMENT, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100, OF PLATS, PAGES 74 AND 75, IN KING COUNTY, WASHINGTON.

Except as may be otherwise set forth herein Grantee's rights shall be exercised upon that portion of the Property ("Easement Area" herein) described as follows

An Easement Area _____ feet in width having _____ feet of such width on each side of a centerline described as follows

A STRIP OF LAND 10 FEET IN WIDTH MEASURED AT RIGHT ANGLES FROM THE SOUTH LINE OF THE ABOVE-DESCRIBED TRACT; BEGINNING AT A POINT SIXTY (60) FEET EAST OF THE SOUTHWEST CORNER OF SAID TRACT AND EXTENDING A DISTANCE OF 195 FEET.

1. Purpose. Grantee shall have the right to construct, operate, maintain, repair, replace, improve, remove, enlarge, and use the easement area for one or more utility systems for purposes of transmission, distribution and sale of electricity. Such systems may include, but are not limited to

**Underground facilities.** Conduits, lines, cables, vaults, switches and transformers for electricity, fiber optic cable and other lines, cables and facilities for communications; semi-buried or ground-mounted facilities and pads, manholes, meters, fixtures, attachments and any and all other facilities or appurtenances necessary or convenient to any or all of the foregoing

Following the initial construction of all or a portion of its systems, Grantee may, from time to time, construct such additional facilities as it may require for such systems. Grantee shall have the right of access to the Easement Area over and across the Property to enable Grantee to exercise its rights hereunder. Grantee shall compensate Grantor for any damage to the Property caused by the exercise of such right of access by Grantee.

- 2. Easement Area Clearing and Maintenance. Grantee shall have the right to cut, remove and dispose of any and all brush, trees or other vegetation in the Easement Area Grantee shall also have the right to control, on a continuing basis and by any prudent and reasonable means, the establishment and growth of brush, trees or other vegetation in the Easement Area
- 3. Grantor's Use of Easement Area. Grantor reserves the right to use the Easement Area for any purpose not inconsistent with the rights herein granted, provided, however, Grantor shall not construct or maintain any buildings, structures or other objects on the Easement Area and Grantor shall do no blasting within 300 feet of Grantee's facilities without Grantee's prior written consent
- 4. Indemnity. Grantee agrees to indemnify Grantor from and against liability incurred by Grantor as a result of Grantee's negligence in the exercise of the rights herein granted to Grantee, but nothing herein shall require Grantee to indemnify Grantor for that portion of any such liability attributable to the negligence of Grantor or the negligence of others.

DCG II, LLC WO# 105026142 / OFN 45544

Notary seal, text and all notations must be inside 1" margins

- 5. Abandonment. The rights herein granted shall continue until such time as Grantee ceases to use the Easement Area for a period of five (5) successive years, in which event, this easement shall terminate and all rights hereunder, and any improvements remaining in the Easement Area, shall revert to or otherwise become the property of Grantor, provided, however, that no abandonment shall be deemed to have occurred by reason of Grantee's failure to initially install its systems on the Easement Area within any period of time from the date hereof
- 6. Successors and Assigns. Grantee shall have the right to assign, apportion or otherwise transfer any or all of its rights, benefits, privileges and interests arising in and under this easement. Without limiting the generality of the foregoing, the rights and obligations of the parties shall inure to the benefit of and be binding upon their respective successors and assigns.

DATED this day of	, 2003.
GRANTOR. DCG II, LLC, a Washington limited liability compar	ny
BY Deprece Chin	
ITS MANAGING MENT	BER
STATE OF MARLINGTON	
STATE OF WASHINGTON ) COUNTY OF KING ) SS	
On this 10 day of Della Well 200	3, before me, the undersigned, a Notary Public in and for
the State of Washington, duly commissioned and sworn, pethe person who signed as Managing Partner, of DCG II 11.0	ersonally appeared D. Michael Dunne, to me known to be
free and voluntary act and deed of DCG II, LLC for the uses	If to be $M/Q$ free and voluntary act and dood and the
was authorized to execute the said instrume	nt on behalf of said DCG II, LLC
IN WITNESS WHEREOF I have hereunto set my hand and	official seal the day and year first above written.
	(Signature of Notary)
	Amy L Williams
	(Print or stamp name of Notary)
age of the state o	NOTARY PUBLIC in and for the State of Washington, residing at 15 to 1000.
Note we need the standard all autotana and the standard a	My Appointment expires 1/29/04

Return Address: Attn: Don Vogt Central Puget Sound Regional Transit Authorit 401 S. Jackson Seattle, WA 98104



Please print or type information WASHINGTON STATE RECORDER'S Cover Sheet (RCW 65 04)		
Document Title(s) (or transactions contained therein) (all areas applicable to your document must be filled in)		
1 TEMPORARY CONSTRUCTION EASEMENT		
Reference Number(s) of Documents assigned or released: NONE		
Additional reference #'s on pageN/A of document		
Grantor(s) (Last name, first name, initials)		
1 DCG II, LLC, a Washington limited liability company		
Grantee(s) (Last name first, then first name and initials)  1 CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY, a regional transit		
authority of the State of Washington		
Legal description (abbreviated 1 e lot, block, plat or section, township, range)		
LOT 6 OF FEDERAL WAY AMENDED EVERGREEN PLAZA BINDING SITE PLAN FILE NO 02-102953-SU		
Additional legal is on EXHIBIT A of document		
Assessor's Property Tax Parcel/Account Number  242320-0050-00   Assessor Tax # not yet assigned		
The Auditor/Recorder will rely on the information provided on the form The staff will not		
herein herein		
I am requesting an emergency nonstandard recording for an additional fee as provided in RCW 36 18 010 I understand that the recording processing requirements may cover up or otherwise obscure some part of the text of the original document		
N/ASignature of Requesting Party		

EXCISE TAX NOT REQUIRED
King Co. Records Division

Deputy

Document Title TEMPORARY CONSTRUCTION EASEMENT

Grantor DCG II, LLC,

a Washington limited liability company

Grantee CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY,

a regional transit authority of the State of Washington

Reference Nos None

Abbrev Legal: LOT 6 OF FEDERAL WAY AMENDED EVERGREEN PLAZA

BINDING SITE PLAN FILE NO. 02-102953-SU

Additional Lgl None

Assessor's No 242320-0050-00

IN THE MATTER OF: Federal Way Transit Center

GRANTOR, DCG II, LLC, a Washington limited liability company, for valuable consideration, in lieu of and subject to condemnation, for public use, hereby grants to GRANTEE, Central Puget Sound Regional Transit Authority, a regional transit authority of the State of Washington, a temporary exclusive easement with options to renew, across, along, in and upon that portion of Grantor's property described in Exhibit A hereto attached and by this reference incorporated herein, for the purpose of facilitating construction on the adjacent north property line. After completion of construction or any subsequent entry, Grantee shall restore the affected area as near as may be to its condition immediately before such construction or entry. The easement shall commence upon five days notice from Grantee to Grantor and shall expire six (6) months thereafter GRANTEE reserves the right to renew said easement, upon written notification, up to three (3) additional, intermittent, 1-month periods at \$1,666 66 per renewal period. This Temporary Construction Easement contains an area of 7,514 square feet more or less

It is understood and agreed that any construction equipment stored in the easement area overnight shall be stored near the west end of the easement.

It is further understood and agreed that construction shall take place in a manner which minimizes the impact to tenants on the DCG II, LLC property

Grantee does hereby release, indemnify and promise to defend and save Grantor harmless from and against any and all liability, loss, damage, expense, actions and claims, including costs and reasonable attorney's fees incurred by Grantor in defense thereof, resulting or arising directly or indirectly on account of or out of acts or omissions of the Grantee or its servants, agents, employees or contractors in the exercise of the rights granted herein, provided, however, this paragraph does not indemnify Grantor against liability for damages arising out of bodily injury to persons or damage to property caused by or resulting from the negligence of Grantor or Grantor's agents or employees

This temporary construction easement may be assigned by Grantee, and shall be binding upon Grantee's successors and assigns

Dated this /b day of DEC, 2003

GRANTOR. DCG II, L.L.C.,

Accepted and Approved:

CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY, GRANTEE: a regional transit authority of the State of Washington

Approved as to form

STATE OF WASHINGTON	)	
COUNTY OF KING	)	SS

I certify that I know or have satisfactory evidence that the person appearing before me and making this acknowledgment is the person whose true signature appears on this document.

WITNESS my hand and official seal hereto affixed the day and year first

above written

TISA R HALL
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
SEPTEMBER 29, 2007

Notary Public in and for the State of Washington, residing at Federal Willy, WA My commission expires: 9/29/2007

Notary Name

STATE OF WASHINGTON	)
COUNTY OF KING	) ss. )
I certify that I appearing before me and makin appears on this document	know or have satisfactory evidence that the person g this acknowledgment is the person whose true signature
company that executed the with instrument to be the free and verification.	lay of <u>December</u> , 2003, before me personally to me known to be the of DCG II, LLC, a Washington limited liability nin and foregoing instrument, and acknowledged the said oluntary act and deed of said limited partnership, for the tioned, and on oath stated that he/she was authorized to
WITNESS my ha above written	and and official seal hereto affixed the day and year first
DANIEL R. FRINK NOTARY PUBLIC STATE OF WASHINGTON COMMISSION EXPIRES APRIL 25, 2007	Notary Public in and for the State of WASHINGOV residing at Kenmore  My commission expires 04/25/2007  Daniel R. Frink  Print name

#### **EXHIBIT A**

THE NORTH 10 00 FEET OF LOT 6 OF FEDERAL WAY AMENDED EVERGREEN PLAZA BINDING SITE PLAN FILE NO 02-102953-SU, REC. NO. 20030909000708 KING COUNTY, WASHINGTON

TEMPORARY CONSTRUCTION EASEMENT AREA CONTAINING 7,514 SQUARE FEET, MORE OR LESS

7912270667 O in ţ--0 0

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SHORT PLAT N	O 1079107
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#### KING COUNTY. WASHINGTON

This space reserved for recorder's use

S. 9 T. 21 R. 4

**APPROVAL** 

Department of Planning and Community Development Building and Land Development Division

Examined and approved this 2/ day of

Edward S. Janes Manager, Building & Land Development Division

Department of Public Works

Examined and approved this 18th day of

Filed for record at the request of:

SEA-TAC PLAZA

Name

Recording Number

Return to:

Building & Land Development 450 KC Administration Bldg Seattle, Washington 98104

Department of Assessments

Examined and approved this ______, day of

ecember, 1979

Assessor

Deputy Assessor

LEGAL DESCRIPTION

> TRACT A, PLAT OF EVERGREEN PLAZA, AS RECORDED IN VOLUME 100 OF PLATS, PAGES 74 AND 75, RECORDS OF KING COUNTY, WASHINGTON.

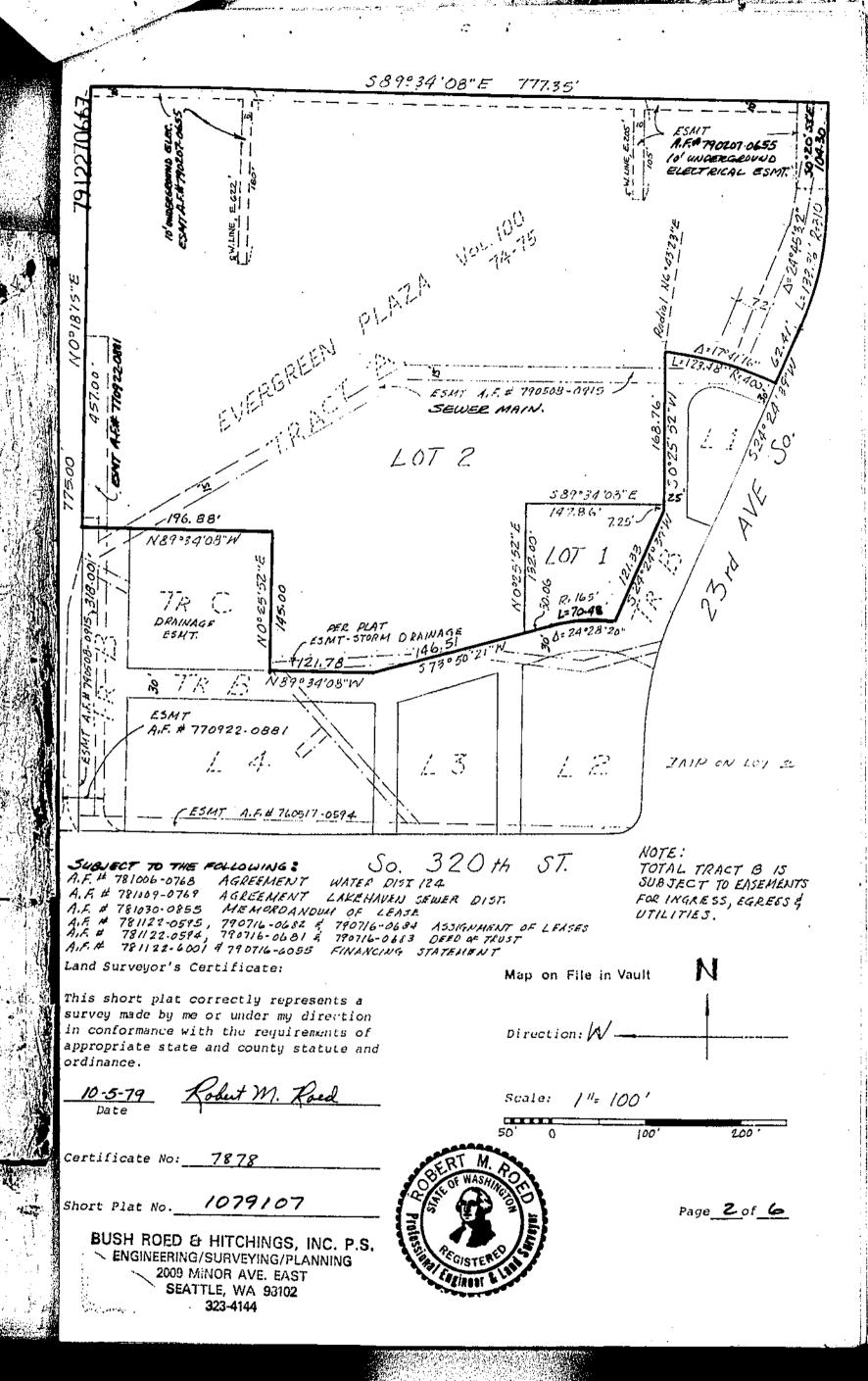
> > RECORDED THIS DAY

Den 27 3 57 FM 179

RECORDS & ELECTIONS KING COUNTY

SE 40= SCO4 9-21-4 App on File in Vault C21647A

Page 1 of  $_$ 



#### DECLARATION:

Know all men by these presents that we, the undersigned, owners in fee simple (and contract purchaser(s)) of the land herein described do hereby make a short subdivision thereof pursuant to RCW 58.17.060 and declare this short plat to be the graphic representation of same, and that said short subdivision is made with the free consent and in the land of the owners.

In witness whereof we have set our hands and seals. SEA-TAC PLAZA, AETNA LIFE INSURANCE COMPANY. a Washington limited partnership a Connecticut insurance corporation BY: THE RAINIER FUND, General Partner Hank-Gordon, partner Parks, partner BY: METROPOLITAN BUILDING CORPORATION General Partner Douglas L. Rogers, President STATE OF WASHINGTON S.S. County of KIM On this day personally appeared before me Hank Gordon, partner & Robert M. Parks, partner of The Rainier Fund to me known to be the individuals described in and who executed the within and foregoing instrument and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned. Witness my hand and official seal this _ Notary Public in and for the State of Washington Residing at STATE OF WASHINGTON S.S. County of KAM On this day personally appeared before me Douglas L. Rogers, President and of the Metropolitan Building Corporation, a Washington Corporation, to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed and sealed the same as his voluntary act and deed for the uses and purposes therein mentioned and on oath stated that they are authorized to execute the said instrument and that the seal affixed is the corporate seal of said Witness my hand and official seal this

> Washington Residing at

Short Plat Number 1079107

Page 3 of 6

the State of

STATE OF CONNECTICUT S.S. Hartford

On this day personally appeared before me ohn Bulash Asistan Vice Presonal of the Aetna Life Insurance Company, a Connecticut Corporation, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that signed and sealed the same as free and voluntary act and deed, for the uses and purposes therein mentioned and on oath stated is the corporate seal of said corporation.

Witness my hand and official seal this 24th day of October , 1979.

Notary Public in and for the State of Connecticut
Residing at Toxyona has

Residing at Tomington
Pamela J. Coste, my comm. exp. 3-81-84

Short Plat Number 1079107

Page 4 of 6

#### **DECLARATION**

Know all men by these presents that the undersigned, MODERN MERCHANDISING, INC., a Minnesota corporation, lessee of a portion of the land herein described do hereby make a short subdivision thereof pursuant to RCW 58.17.060 and declare this short plat to be the graphic representation of same, and that said short subdivision is made with the free consent and in accordance with the desire of the lessee.

In Witness Whereof we have set our hand(s) and seal this 5 day of

MODERN MERCHANDISING, INC. a Minnesota corporation

By: Tts: VIP PNW.

By:

STATE OF WASHINGTON)

COUNTY OF King

On this day of November, 1979, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Record and to be the MODERN MERCHANDISING, INC., the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he authorized to execute the said instrument.

Witness my hand and official seal the day and year first above written.

Notary, Public in and for the State of Wash, residing at

#### **DECLARATION**

Know all men by these presents that the undersigned, MODERN MERCHANDISING, INC., a Minnesota corporation, lessee of a portion of the land herein described do hereby make a short subdivision thereof pursuant to RCW 58.17.060 and declare this short plat to be the graphic representation of same, and that said short subdivision is made with the free consent and in accordance with the desire of the lessee.

In Witness Whereof we have set our hand(s) and seal this 5 day of

November, 1979.

MODERN MERCHANDISING, INC.
a Minnesota corporation

By:

Its:

Tts:

STATE OF WASHINGTON)

COUNTY OF King ) ss.

execute the said instrument.

On this 5 day of November , 1979, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared & London and to be the and Interception that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he was authorized to

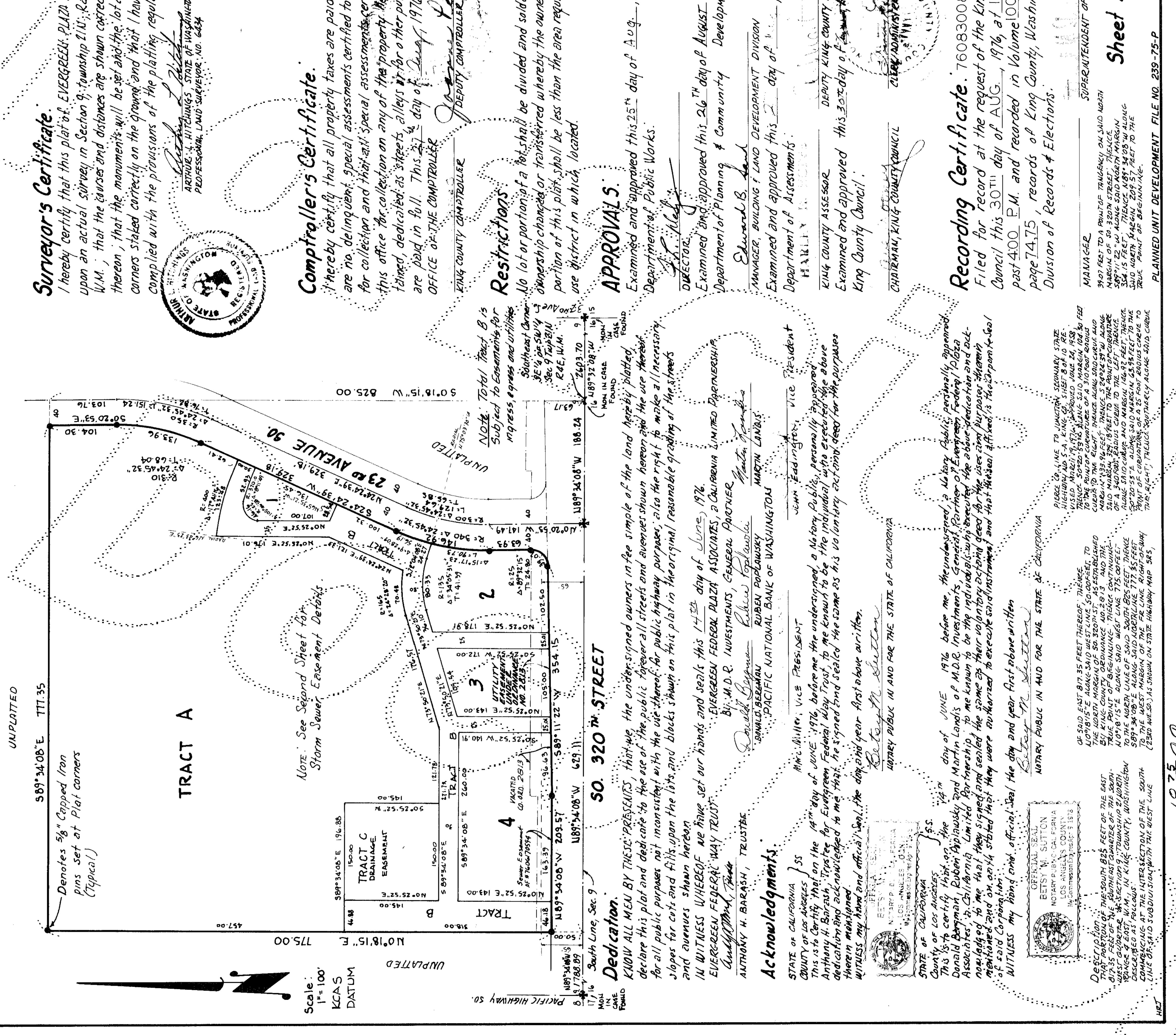
Witness my hand and official seal the day and year first above written.

Notary Public in and for the State of Wash, residing at Leattle

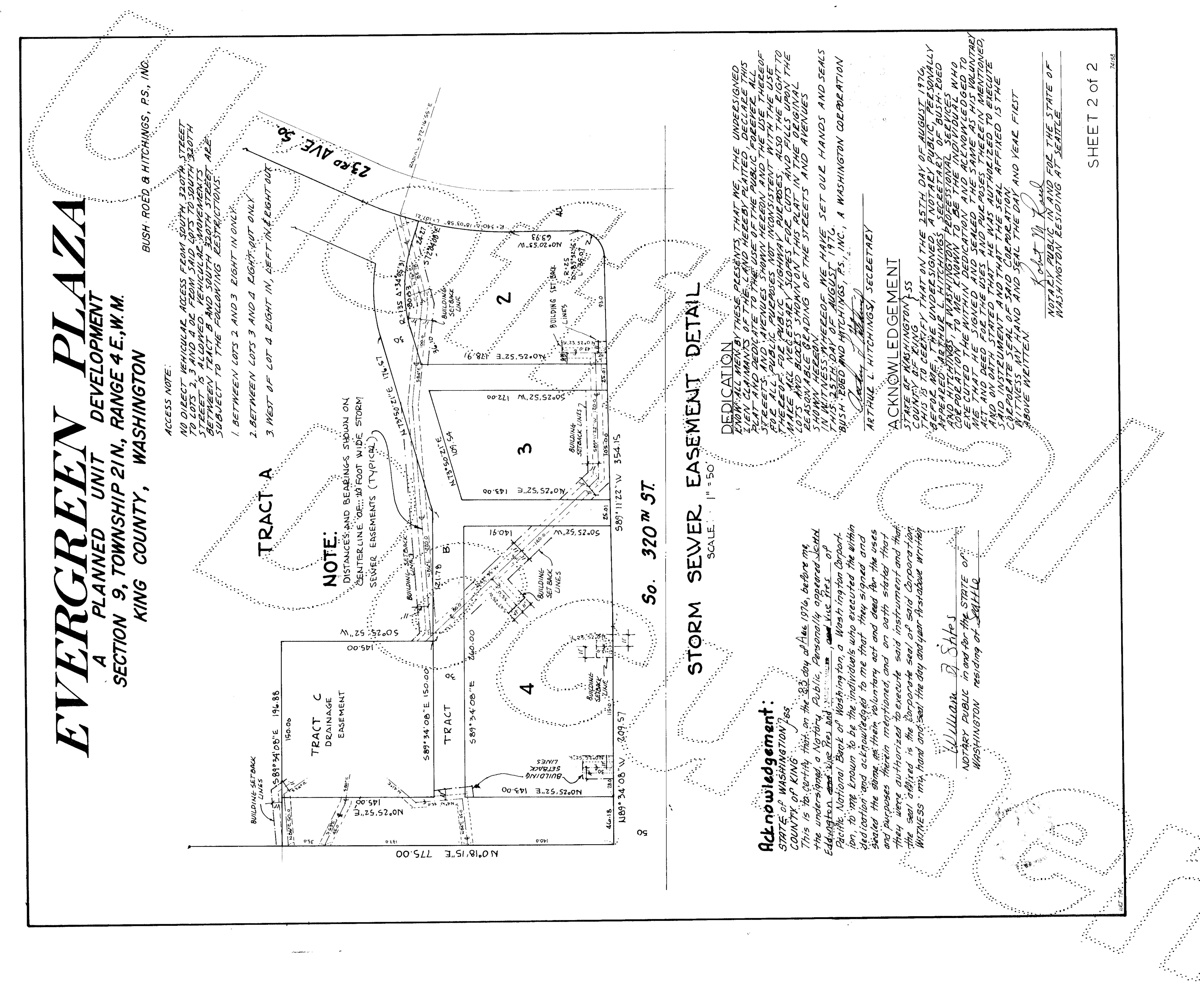
7912270667

A PLANNED UNIT DEVELOPMENT SECTION 9, TOWNSHIP 21N, RANGE 4E,W.M. KING COUNTY, WASHINGTON

BUSH ROED & HITCHINGS, P.S.,



•



## AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN/ PUD

THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON

#### **DEDICATION**

WE, THE UNDERSIGNED OWNERS OF THE HEREIN DESCRIBED PROPERTIES, MAKE A SUBDIVISION  GRAPHICALLY REPRESENTED BY ATTACHED BINDING SITE PLAN.
D. Mouin Sun
BY: BSP, LOT # 1, 5 AND 6  BY: BSP LOT # DANGEN  BY: BSP LOT # 1
BY: BSP LOT # 7   Executive Vice President & Chief Financial Officer
BY: BSP LOT #3
ACKNOWLEDGMENTS
STATE OF WASHINGTON ) COUNTY OF KING )
THIS IS TO CERTIFY THAT ON THIS 12 th DAY OF March, 2003 BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED D. Michael Dunne OF DCGTL LC
THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.
WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST, ABOVE WRITTEN.  NOTARY PUBLIC IN AND FOR THE STATE OF WASHINGTON, RESIDING AT WELL 78037
STATE OF Ohio ) COUNTY OF Franklin )
THIS IS TO CERTIFY THAT ON THIS 28th DAY OF March, 2003, BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED Keynib. Anderson Executive Vice President + CFO OF Wendy'S Thernational, Tnc That executed the foregoing dedication, and who acknowledged to me the said instrument to be the free and voluntary act and deed of said association, for the uses and purposes therein mentioned, and on oath stated that he was authorized to execute the said instrument.
WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.
NOTARY PUBLIC IN AND FOR THE STATE OF ONLO RESIDING AT 5344 CAIEDDY. COLUMBUS, 0 H 43220  DARCY B. MIMAL MOTARY PUBLIC, STATE OF CHILD
STATE OF SOUTH CAROLINA) COUNTY OF SPARTANBURG )
THIS IS TO CERTIFY THAT ON THIS 2310 DAY OF JULY, 2003 BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED MOUNTE N. SAWDA  OF JENNY'S BEALTY INC.  THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED
THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.  WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.
TIMOTHY E. FLEMMING NOTARY PUBLIC IN AND FOR THE STATE OF MY COMMISSION EXPIRES APRIL 22, 2004 South Carolda RESIDING AT 100 Due Hill Road

44NDRUM 50 29354



STATE OF Wash THIS IS TO CERTIFY THAT ON THIS 3044 DAY OF UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.

WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.

NOTARY PUBLIC IN AND FOR THE STATE

WA RESIDING AT TOWNS

STATE OF Wash COUNTY OF KING

THIS IS TO CERTIFY THAT ON THIS_ OF __

THAT EXECUTED' THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.

WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.

NOTARY PUBLIC IN AND FOR THE STATE OF WA RESIDING AT KENT 98032

#### ACCESS NOTES

NO DIRECT VEHICULAR ACCESS FROM SOUTH 320TH STREET TO LOTS 2, 3 AND 4 OR FROM LOTS TO SOUTH 320TH STREET IS ALLOWED. VEHICULAR MOVEMENTS BETWEEN TRACT B AND SOUTH 320TH STREET ARE SUBJECT TO THE FOLLOWING **RESTRICTIONS:** 

- 1. BETWEEN LOTS 2 AND 3 RIGHT IN ONLY
- 2. BETWEEN LOTS 3 AND 4 RIGHT OUT ONLY.
- 3. WEST OF LOTS 4 RIGHT IN, LEFT IN AND RIGHT OUT.

#### SPECIAL NOTES

THE AMENDMENT TO THE "EVERGREEN PLAZA BINDING SITE PLAN/PUD" IS PREPARED TO ALTER THE LANGUAGE OF THE UNDERLYING "EVERGREEN PLAZA" PUD" AND ELIMINATE THE DRAINAGE TRACT LIMITATION FROM THE FACE OF THE

ZONING/COMPREHENSIVE PLAN - CITY CENTER CORE (ZONE =CC-C)

SHEET 1 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU



6632 SOUTH 191ST PLACE, SUITE E-102 . KENT, WA 98032 PHONE (425) 251-0665 • FAX (425) 251-0625

# AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN/ PUD

THAT PORTION OF THE SE1/4 OF THE SW 1/4
OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M.
CITY OF FEDERAL WAY, WASHINGTON

CERTIFICATE NO 9470



#### LEGAL DESCRIPTION

PARCEL A

TRACTS B, C AND LOT 1, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON;

TOGETHER WITH LOT 2 OF CITY OF FEDERAL WAY BOUNDARY LINE ADJUSTMENT NUMBER BLA 00-104493, RECORDED UNDER RECORDING NUMBER 20010215900003; EXCEPT THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER RECORDING NUMBER 200007211001417.

PARCEL B

LOT 1 OF CITY OF FEDERAL WAY BOUNDARY LINE ADJUSTMENT NUMBER BLA 00-104493, RECORDED UNDER RECORDING NUMBER 2001021500003.

PARCEL C

LOT 2, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON;

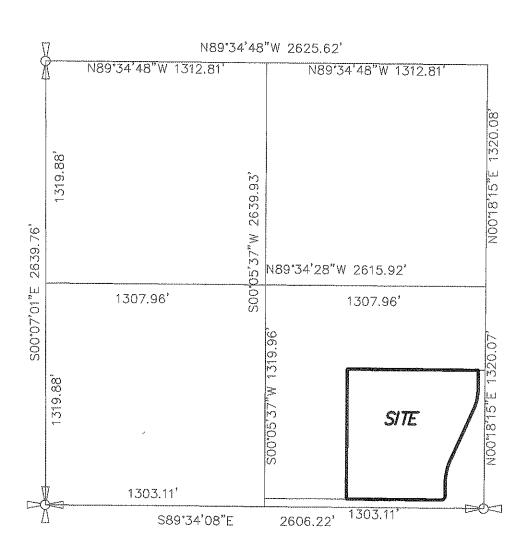
EXCEPT THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER RECORDING NUMBER 20000803000870.

PARCEL D

LOT 3, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON.

PARCEL E

LOT 4, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON.



DEVELOPER:

DCG II, LLC 10818 SE KENT-KANGLEY RD, SUITE 104 KENT, WA. 98031

OWNERS:

DCG II, LLC 10818 SE KENT-KANGLEY RD SUITE 104 KENT, WA 98031 PHONE 253-852-6400

Denny's, Inc. 3345 Michaelson Drive Suite 200 Irvine, CA 92715

Wendy's International, Inc. 4288 W. Dublin Granville Road Dublin, Ohio 43017

Washington Federal Savings and Loan 1119 Pacific Avenue, M.S. 0291 Tacoma, WA 98402

ARG Enterprises, Inc. 4410 El Camino Real Suite 201 Los Altos, CA 94022

SURVEYOR:

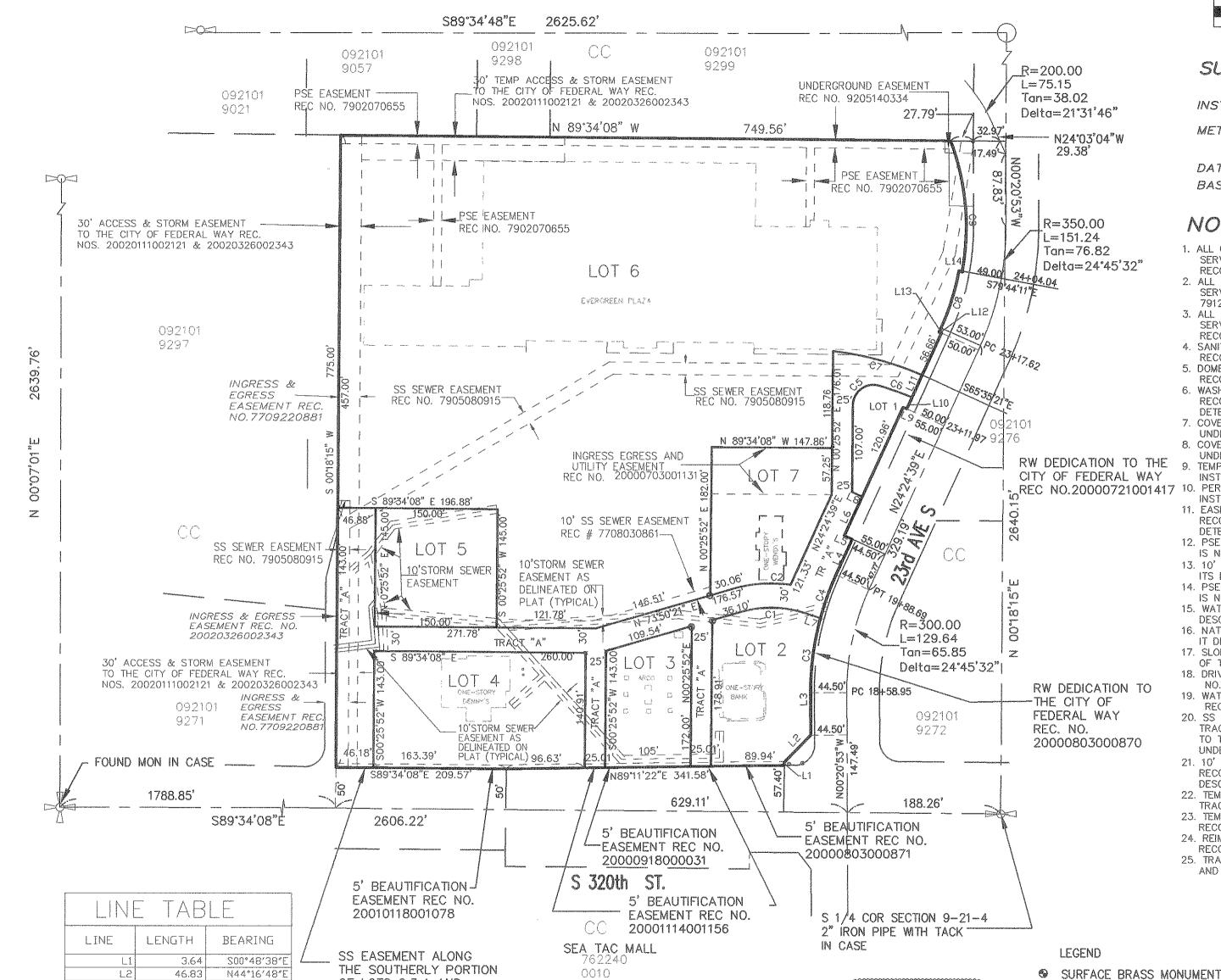
TOUMA ENGINEERS/LAND SURVEYORS 6632 SOUTH 191ST PLACE SUITE E102 KENT, WA 98032 PHONE 425-251-0665

SHEET 2 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU



6632 SOUTH 191ST PLACE, SUITE E-102 ° KENT, WA 98032 PHONE (425) 251-0665 ° FAX (425) 251-0625 THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON



CURVE

C2

C4

C5

C6

С7

C9

LENGTH | RADIUS |

80.33

70.47

92.1

56.70

46.16

42.94

113.49

73.59

162.65

OF LOTS 2,3,4 AND

7606170594 SEE NOTES

TR "A" REC NO.

52,06

47,77

10,50

19.76

5.00

15.36

30.01

5.62

L12

L13

L14

N00°20′53″W

S24°24'39"W

N65°35'21"W

S24°24'39"W

N72°04'08"W

N65°35′21″W

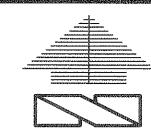
S24°24'39"W

S24°24'39"W

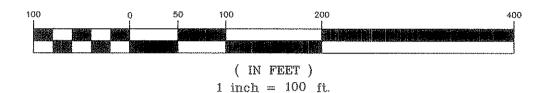
N65°35'21"W

S79°44′11″E

S24°24'35"W



#### GRAPHIC SCALE



#### SURVEY NOTES

INSTRUMENT: NIKON TOTAL STATION DTM-A10LG (5 SECOND INSTRUMENT). METHOD USED: FIELD TRAVERSE WITH ACTUAL FIELD MEASUREMENTS AND ANGLES

WAC 332-130-090 DATE OF SURVEY: JUNE 2001

BASIS OF BEARING: THE PLAT OF EVERGREEN PLAZA VOL. 100,

PAGE 74, RECORDS OF KING CO.

#### NOTES

- 1. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENT FOR OTHER SERVITUDES, IF ANY, DISCLOSED BY THE RECORDED PLAT OF EVERGREEN PLAZA, AS RECORDED IN VOLUME 100 OF PLATS, PAGE 74, RECORDS OF KING COUNTY, WASHINGTON,
- 2. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY DISCLOSED BY THE SHORT PLAT RECORDED UNDER RECORDING NO. 7912270667, RECORDS OF KING COUNTY, WASHINGTON.
- 3. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY DISCLOSED BY THE BOUNDARY LINE ADJUSTMENT RECORDED UNDER
- RECORDING NO. 20010215900003, RECORDS OF KING COUNTY, WASHINGTON.
  4. SANITARY SEWER EASMENT & AGREEMENT AND TERMS AND CONDITIONS RECORDED UNDER
- RECORDING NO. 7810090769, RECORDS OF KING COUNTY, WASHINGTON 5. DOMESTIC WATER EASEMTN & AGREEMENT AND TERMS AND CONDITIONS RECORDED UNDER
- RECORDING NO. 7810090768, RECORDS OF KING COUNTY, WASHINGTON.

  WASHINGTON NATURAL GAS COMPANY EASEMENT AND TERMS AND CONDITIONS
  RECORDED UNDER RECORDING NO. 9411180603. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
- 7. COVENANTS, CONDITIONS AND RESTRICTIONS IMPOSED BY INSTRUMENT RECORDED
- UNDER RECORDING NO. 9510121424, IN KING COUNTY, WASHINGTON. 8. COVENANTS, CONDITIONS AND RESTRICTIONS IMPOSED BY INSTRUMENT RECORDED
- UNDER RECORDING NO. 9808101434, IN KING COUNTY, WASHINGTON.
- 9. TEMPORARY CONSTRUCTION EASEMENT AND THE TERMS AND CONDITIONS IMPOSED BY INSTRUMENT RECORDED UNDER RECORDING NO. 20000721001418.
- REC NO.20000721001417 10. PERMANENT BEAUTIFICATION EASEMENT AND THE TERMS AND CONDITIONS IMPOSED BY INSTRUMENT RECORDED UNDER RECORDING NO. 20001117001156.
  - 11. EASEMENT AND THE TERMS AND CONDITIONS FOR PUGET POWER UNDERGROUND EASEMENT RECORDED UNDER RECORDING NO. 7912280536. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 12. PSE EASEMENT RECORDED UNDER RECORDING NO. 7707070686. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 13. 10' WATER EASEMENT EASEMENT RECORDED UNDER RECORDING NO. 7606170697 ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 14. PSE EASEMENT RECORDED UNDER RECORDING NO. 7912280536, ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 15. WATER EASEMENT RECORDED UNDER RECORDING NO. 8002250543. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMIN ITS EXACT LOCATION.

  - 16. NATURAL GAS EASEMENT RECORDED UNDER RECORDING NO. 9205140334.

    IT DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.

    17. SLOPE EASEMENT AFFECT THE EAST BOUNDARY OF TRACT A, B AND LOT 1
  - OF THE ORIGINAL PUD RECORDED UNDER RECORDING NO. 7610010118.
  - 18. DRIVEWAY EASEMENT OVER LOT 1 RECORDED UNDER RECORDING
  - NO. 2000070300130. 19. WATER MAINTENACE EASEMENT ACROSS LOT 1 OF FWBLA 00-104493
  - RECORDED UNDER RECORDING NO. 20010302002469.
  - 20. SS EASEMENT ALONG THE NORTH 15 FEET OF THE SOUTH 65 FEET OF TRACT A, LOTS 2,3 AND 4 MEASURED AT RIGHT ANGLES AND PARALLEL TO THE CENTERLINE OF SOUTH 320TH STREET RIGHT OF WAY RECORDED UNDER RECORDING NO. 7606170594.
  - 21. 10' WATER EAEMENT ALONG THE SOUTH PORTIONS OF LOTS 2. 3 AND 4 RECORDED UNDER RECORDING NO. 7606170697. ITS
  - DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 22. TEMPORARY CONSTRUTION EASEMENT ALONG THE EAST BOUNDARY ( TRACTS A, LOTS 1 & 6 RECORDED UNDER RECORDING NO. 20000721001418.
  - 23. TEMPORARY CONSTRUCTION EASEMENT ALONG THE EAST BOUNDARY OF LOT 2
  - RECORDED UNDER RECORDING NO. 20000803000872 24. REIMBUSEMENT, TOLLING & STANDSTILL AGREEMENT AFFECTS LOT 4
  - RECORDED UNDER RECORDING NO. 20000628001265.
  - 25. TRACT A OF THE AMENDED EVERGREEN PLAZA IS FOR THE PURPOSE OF VEHICULAR AND PEDESTRIAN TRAFFIC ACCESS WITHIN THE PLAZA.

\$1977244447441444444444444444444444444444	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
BSP LOT NO.	EXISTING LOT NO.	AREA-SI
LOT 1	LOT 1 OF PUD	5,535
LOT 2	LOT 2 OF PUD	22,663
LOT 3	LOT 3 OF PUD	16,533
LOT 4	LOT 4 OF PUD	37,078
LOT 5	TRACT "C" OF PUD	21,750
LOT 6	LOT 2 OF FWBLA 00-104493	341,390
LOT 7	LOT 1 OF FWBLA 00-104493	22,409
TRACT "A"	TRACT "8" OF PUD	51,797

SHEET 3 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU

SET 1/2" REBAR

CO QUARTER CORNER

DÖ□ SECTION CORNER

O FOUND REBAR & CAP OR IRON PIPE

**M** PK NAIL

STRH. TO

6/22/03

DELTA

15°19'44'

09°25'48

06°38'57

16°15'23'

14°11'48'

135.00 34°05'31

165.00 24°28'20

25.00 105°46'59

301.00 30°57'40'

344.50

344.50

370.00

400.00

297.00



6632 SOUTH 191ST PLACE, SUITE E-102 ° KENT, WA 98032 PHONE (425) 251-0665 • FAX (425) 251-0625

9.8

### RESTRICTIVE COVENANT



The undersigned, Sea-Tac Plaza Limited Partnership, is the current owner of real property in King County, Washington, legally described in the attached Exhibit A, hereafter referred to as the "Site". The Site contains subsurface areas which were the subject of a voluntary independent remedial action commenced by the owners in 1992 to respond to releases of certain dry cleaning solvents. Following installation of a vapor extraction system to remove solvents from the soils at portions of the Site, it has been confirmed that residual concentrations of solvents at levels exceeding the Method A cleanup guidelines as published in the Model Toxics Control Act ("MTCA") Chapter 173-340 WAC remain in portions of the site as follows.

- 1. Soils at a depth of 5 to 6.5 feet at the location of Boring B-4, as illustrated in Figure 2 of the AGRA Environmental report dated December 22, 1994, contained levels of tetrachlororethene (PCE) at 1.3 parts per million. This area lies under the foundation of the former Y-Pay-Mor Dry Cleaners.
- 2. Soils at a depth of 6.5 to 8 feet at the location of Boring B-5 as shown on Figure 2 of the AGRA Environmental report dated December 22, 1994, contained elevated levels (71 PPM) of Cis-1, 2, Dichloroethene. Boring B-5 is located beneath the foundation of the former Y-Pay-Mor Dry Cleaners.
- 3. As a result of spills at the former Y-Pay-Mor Dry Cleaners, portions of the concrete foundations were removed. A soil vapor extraction system was installed to clean soils and the concrete foundation was replaced.
- 4. Groundwater contamination was identified in a single boring, known as Boring B-12, as shown in the December 22, 1994 AGRA report. This location is also located beneath the former Y-Pay-Mor Dry Cleaning facility.
- 5. As a result of the residual contamination left underneath the concrete foundation, it will be necessary to conduct semiannual sampling of existing monitoring wells over a three year period, commencing on the date of this document.

Sea-Tac Plaza Limited Partnership makes the following declaration as to limitations, restrictions, and uses to which the Site may be put, and specifies that such declarations shall constitute covenants to run with the land, as provided by law, and shall be binding on all parties and all persons claiming under it, including all current and future owners of any portion of or interest in the Site.

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- Any activity on the Site that may interfere with the ongoing monitoring of groundwater wells is prohibited. In addition, no groundwater underlying the Site may be taken for domestic purposes.
- The Owner shall allow authorized representatives of the Department of Ecology, or from any successor agency, the right to enter the Site at reasonable times for the purpose of evaluating compliance with the monitoring of groundwater wells and the remedial action, and to take samples and to inspect records, as provided by law.
- The Owner of the Site and the Owner's assigns and successors in interest, reserve the right under WAC 173-340-720 and WAC 173-340-440 to record an instrument which provides that this restrictive covenant shall no longer limit use of the Site or be of any further force and effect. However, such an instrument may be recorded only with the consent of the Department of Ecology, or of any successor agency. Public notice and comment may be sought by the Department of Ecology or its successor agency, prior to the recording of such an instrument.

DATED this _2/ day of September, 1995.

### SEA-TAC PLAZA LIMITED PARTNERSHIP

By: TRI-CENTER ASSOCIATES, a general partner

> By: CASETA CORPORATION, a general partner

By:

Printed Name:

### **EXHIBIT A**

That portion of that certain development situated on Tracts A, B, and C and Lot 1 of Evergreen Plaza, as per Plat recorded in Volume 100 of Plats on page 74, records of King County, situate in County of King, State of Washington formerly known as Y-Pay-Mor Dry Cleaners

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Short Cressman & Burgess P.L.L.C. Attn: Scott M. Missall 3000 First Interstate Center 999 Third Avenue Seattle, WA 98104-4008

Document Title	Declaration of Restrictive Covenant	
Reference Number(s) of Related Documents	N/A	
Grantor	SeaTac Plaza Corporation	
Grantee	Evergreen Plaza, a Planned Unit Development	
Legal Description	Space A-6, 2210 S. 320th Street, Federal Way, Washington, located within Lot 2, KCSP No. 1079107, Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planed Unit Development, Plats Vol. 100, pages 74 and 75	
Parcel Number(s)	242320-0050-00	

### RESTRICTIVE COVENANT

### SEATAC PLAZA CORPORATION

2210 S. 320th Street, Space A-6; Former Y-Pay -Mor Dry Cleaners

This Declaration of Restrictive Covenant is made pursuant to RCW 70.105D.030(1)(f) and (g) and WAC 173-340-440 by SEATAC PLAZA CORPORATION, its successors and assigns.

An independent remedial action (hereafter "Remedial Action") occurred at the property that is the subject of this Restrictive Covenant. The Remedial Action conducted at the property is described in the following documents:

RESTRICTIVE COVENANT - 1 161509.1/3gmd/013033.00001

Preliminary Remedial Investigation, by AGRA Earth and Environmental (formerly RZA AGRA), dated November 1992.

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Remediation System Installation, by AGRA Earth and Environmental (formerly RZA AGRA), dated October 1993.

Soil Vapor Extraction Remediation System, Performance Monitoring Record, by AGRA Earth and Environmental (formerly RZA AGRA), dated February 7, 1994.

Independent Remedial Action Report, by AGRA Earth and Environmental (formerly RZA AGRA), dated December 22, 1994.

These documents are on file at the Northwest Regional Office of the State of Washington Department of Ecology (hereafter "Ecology").

This restrictive Covenant is required because the Remedial Action resulted in residual concentrations of two contaminants which exceed the Model Toxics Control Act (MTCA) cleanup levels in the soil in two specific locations located under the building foundation.

The undersigned, SEATAC PLAZA CORPORATION, is the fee owner of real property (hereafter "Property") in the County of King, State of Washington, that is subject of this Restrictive Covenant. The Property is legally described as follows:

That property commonly known as Space A-6, 2210 S. 320th Street, Federal Way, Washington, located within Lot 2 as delineated on King County short Plat No. 1079107, recorded under King County Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planned Unit Development, according to the plat thereof recorded in Volume 100 of Plats, pages 74 and 75, in King County, Washington.

SEATAC PLAZA CORPORATION makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, as provided by law and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereafter "Owner").

Section 1. A portion of the Property contains soil contaminated with cis-1,2-dichloroethene and tetrachloroethane, located under the building foundation at confirmation borings CB-4 and CB-5 as shown on Exhibit A. The Owner shall not alter, modify, or remove the existing structure(s) in any manner that may result in the release or exposure to the environment of that contaminated soil or create a new exposure pathway without prior written approval from Ecology.

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Section 2. Any activity on the Property that may interfere with the integrity of the Remedial Action and continued protection of human health and the environment is prohibited.

Section 3. Any activity on the Property that may result in the release or exposure to the environment of a hazardous substance that remains on the Property as part of the Remedial Action, or create a new exposure pathway, is prohibited without prior written approval from Ecology.

Section 4. The Owner of the Property must give thirty (30) day advance written notice to Ecology of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial Action.

Section 5. The Owner must restrict leases to uses and activities consistent with the Restrictive Covenant and notify all lessees of the restrictions on the use of the Property.

Section 6. The Owner must notify and obtain approval from Ecology prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. Ecology may approve any inconsistent use only after public notice and comment.

<u>Section 7</u>. The Owner shall allow authorized representatives of Ecology the right to enter the Property at reasonable times for the purpose of evaluating the Remedial Action; to take samples, to inspect Remedial Actions conducted at the Property, and to inspect records that are related to the Remedial Action.

Section 8. The Owner of the Property reserves the right under WAC 173-340-440 to record an instrument that provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force or effect. However, such an instrument may be recorded only if Ecology, after public notice and opportunity for comment, concurs.

RESTRICTIVE COVENANT - 3 161509.1/3gmd/013033.00001

DATED this 24th day of July , 1998.
SEATAC PLAZA CORPORATION
By Rely Sale
Its Vice Presidet
STATE OF New Year ) ss:  COUNTY OF New Year ) ss:  I certify that I know or have satisfactory evidence that Richard J. Geaba is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that who appeared before me, and said person acknowledged it as the Yica President of he was authorized to execute this instrument and acknowledged it as the Yica President of SeaTac Plaza Corporation, a corporation, to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument.  DATED: 1998.
Print Name: <u>Rocaless</u> & RTCLENZ:  NOTARY PUBLIC in and for the State of  NOTARY PUBLIC in and f
My Appointment expans.  ANDREA A. Makeness  Neary Public, State of New York  No. 011AC5045786  Qualified in New York County  Conceptable Engine May 18, 1867
(Use this space for notarial stamp/seal)

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	Name Sinder International	
	Address P.O. Box 256	
	City, State, Zip Dubly, OH 43017	
	COMMONWEALTH  LAND TITLE INSURANCE COMPANY  OF PHILADELPHIA  COMMONWEALTH LAND TITLE  (0 (0:)	
	REF:	
	20'	
	Document Title(s) 1 Delaratorn of Comments of Comment	
-	2	
_	**************************************	
) )	Reference Number(s) of Documents assigned or released	
· >		
>	(Additional numbers on page of document)	
<b>)</b>	******************	
1	Grantor(s) (Last name first, then first name and initials)	
	1 DOGITELE	
	3 Additional names on page of document	
	**************************************	
	Grantee(s) (Last name first, then first name and initials)	
	1 Landys Internotional	
	2	
	3 Additional names on page of document	
	**************************************	
	Legal Description (abbreviated 1 e, lot, block, plat or section, township, range)  L+2 Dhust Pl 1079107 + L+1 Tr. B+C  Cargner Plaza.	
C. PLAZA.		
	Locagran	
	(Additional legal description on page of document)	
	Assessor's Property Tax Parcel/Account Number:	
	242320-0050-05/0010-09/0060-08/0067-06	
	Jan 200	
	(Additional account numbers on page of document)	

EXCISE TAX NOT REQUIRED

EXCISE TAX NOT REQUIRED

By King Co/Records Division

By Deputy

### **DECLARATION OF EASEMENTS AND COVENANTS**

This DECLARATION OF EASEMENTS AND COVENANTS (hereinafter the "Declaration") is made and entered into this LOW day of Love, 2000, by and between DCG II, LLC, a Washington limited liability company (hereinafter referred to as "Grantor"), whose mailing address is c/o Sumit Properties, 25022 104th Avenue SE, Suite B, Kent, Washington 98031, and WENDY'S INTERNATIONAL, INC., an Ohio corporation (hereinafter referred to as "Grantee"), whose mailing address is 4288 West Dublin-Granville Road, P O Box 256, Dublin, Ohio 43017

### WITNESSETH

WHEREAS, Grantor is the owner of that certain real property located in the State of Washington, County of Kent and City of Federal Way, as more particularly described in **Exhibit A** which is attached hereto and made a part hereof (which real property is hereinafter referred to as "**Grantor's Parcel**"), and

WHEREAS, Grantee is the owner of that certain real property located in the State of Washington, County of Kent and City of Federal Way, as more particularly described in **Exhibit B** which is attached hereto and made a part hereof (which real property is hereinafter referred to as **"Grantee's Parcel"**), and

WHEREAS, Grantor and Grantee desire to establish certain easements and covenants in connection with the use of their respective parcels

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10 00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Grantor, Grantor and Grantee agree as follows

- Drive-Thru Area Easement Grantor hereby grants, conveys and delivers to Grantee, for the use and benefit of Grantee, its successors, assigns, licensees, suppliers, customers and employees, a non-exclusive, perpetual easement, appurtenant to Grantee's Parcel, for the purpose of parking, driveways, including the drive-through lane, trash enclosure, signage, and landscaping on that portion of Grantor's Parcel described on Exhibit C, attached hereto and made a part hereof, to be used in conjunction with Grantee's business on Grantee's Parcel Grantee covenants and agrees to adequately maintain the Drive-Thru Area Easement in a level evenly-paved condition and at a grade level compatible to Grantee's Parcel and Grantor's Parcel
- Tract B Easement Grantor hereby grants, conveys and delivers to Grantee, for the use and benefit of Grantee, its successors, assigns, licensees, suppliers, customers and employees, a non-exclusive, perpetual easement, appurtenant to the Grantee's Parcel, for the purpose of parking and passenger vehicle, light truck, and pedestrian ingress, egress and access to and from Grantee's Parcel and 320th Street and 23rd Avenue, over, upon, across and through the area depicted as Tract B on the plat of Evergreen Plaza P U D Vol. 100-74/75, attached hereto as Exhibit D Grantor covenants and agrees to adequately maintain the Tract B Easement area in a level, evenly-paved condition and at a grade level compatible to the Grantee's Parcel In the event Grantor fails or refuses to adequately maintain said easement area after receiving reasonable notice from Grantee, Grantee shall have the option, but not the obligation, of performing the necessary maintenance and billing the reasonable cost thereof to Grantor This easement shall include the right of Grantee to enter upon such other portions of Grantor's Parcel as are necessary for the purpose of maintaining said easement area
- Grantor's Parcel Easement Grantor hereby grants, conveys and delivers to Grantee, for the use and benefit of Grantee, its successors, assigns, licensees, suppliers, customers and employees, a non-exclusive, perpetual easement, appurtenant to the Grantee's Parcel, for driveway, vehicular and pedestrian ingress and egress and parking purposes over the common driveways, walkways and parking areas as they may exist from time to time within Grantor's Parcel. No buildings, fences, curbs or other obstructions prohibiting reasonable access between the Grantee's Parcel and Grantor's Parcel shall be constructed without the prior written approval of Grantee Grantor, at Grantor's expense, shall be obligated to adequately maintain Grantor's Parcel

TO HAVE AND TO HOLD the easements and rights unto Grantee, its successors and assigns forever Grantor, for Grantor and Grantor's heirs, successors and assigns, hereby warrants and covenants with Grantee, its successors and assigns, that Grantor is the true and lawful owner in fee simple of Grantor's Parcel and has the right and full power to grant and convey the easement and rights herein granted, and that Grantor will

warrant and defend the easement and rights herein granted against all claims of all persons whomsoever

The above-described easements, restrictions and covenants shall be for the use and benefit of Grantee's Parcel and the owners from time to time of all or any part thereof All provisions of this Declaration, including the covenants, benefits and burdens, shall run with the land and be binding upon and inure to the heirs, executors, administrators, personal and/or legal representatives, successors, assigns and tenants of Grantee and Grantor The rule of strict construction shall not apply to this grant This grant shall be given a reasonable construction so that the intention of the parties to confer a commercially usable right of enjoyment on Grantee is carried out

IN WITNESS WHEREOF, this Declaration is executed as of the day and year first above written

Witnesses	DCG II, LLC
	Ву
Print Name	
Print Name	
	WENDY'S INTERNATIONAL, INC.
Print Name	By Jen Conder
Print Name JOAN M. WILLIAMS	Title Fractive Vice President
MAYOUB MILANDE PRINTINGS P	By South
Jan M. Will	Title Vice President
Print/Name JOAN M. WILLIAMS	Law Dept

to grant and convey the easement and rights herein granted, and that Grantor will warrant and defend the easement and rights herein granted against all claims of all persons whomsoever

The above-described easements, restrictions and covenants shall be for the use and benefit of Grantee's Parcel and the owners from time to time of all or any part thereof. All provisions of this Declaration, including the covenants, benefits and burdens, shall run with the land and be binding upon and inure to the heirs, executors, administrators, personal and/or legal representatives, successors, assigns and tenants of Grantee and Grantor. The rule of strict construction shall not apply to this grant. This grant shall be given a reasonable construction so that the intention of the parties to confer a commercially usable right of enjoyment on Grantee is carried out.

IN WITNESS WHEREOF, this Declaration is executed as of the day and year first above written

witnesses	DCG II, LLC
amy Williams Print Name Amy Williams	By D. Muchuellenne
Print Name	
	WENDY'S INTERNATIONAL, INC.
Print Name	Ву
Print Name	Title
Print Name	Ву
Print Name	Title
	Law Dept
#247432 v) declaration	- 3 -

#247432 vl declaration

STATE OF Washington	
COUNTY OF <u>king</u> , SS	
hereby certifies that on the <u>30Th</u> day of appeared <u>N. Michael Dunne</u> , the <u>J. Washington limited liability company</u> , who described in and who executed the foregoing who acknowledged that he held the positi	was known to me as the person and officer instrument on behalf of said corporation, and for the purpose therein stated
official seal on the day and well la thoresaid	have hereunto set my hand and affixed my  Clipped Robins  Notary Public
(SEAL)  NOTARY PUBLIC  STATE OF OHIO  COUNTY OF FRANKLY AND STATE IN THE PUBLIC  OUNTY OF FRANKLY AND STATE IN THE PUBLIC IN THE	Notary Public
The undersigned, a Notary P	ublic in and for the above state and county,
hereby certifies that on the day of appeared	and, 2000, before me personally
	and
known to me as the persons and officers desinstrument on behalf of said corporation, positions or titles set forth in the instrument a	escribed in and who executed the foregoing and who acknowledge that they held the ind certificate, that they signed the instrument rity, and that the instrument was the act of the
IN WITNESS WHEREOF, I official seal on the day and year last aforesaid	have hereunto set my hand and affixed my
(SEAL)	Notary Public

- 4 -

STATE OF, SS.	
The undersigned, a Notary P	bublic in and for the above state and county,
hereby certifies that on the day of _	, 2000, before me personally
appeared, the	of DCG II, LLC, a
Washington limited liability company, who	was known to me as the person and officer
described in and who executed the foregoin	ng instrument on behalf of said corporation,
and who acknowledged that he held the po-	sition or title set forth in the instrument and
<del>-</del>	If of the corporation by proper authority, and
the instrument was the act of the corporation	for the purpose therein stated
	have hereunto set my hand and affixed my
official seal on the day and year last aforesai	d
(OF LT)	
(SEAL)	Notary Public
STATE OF OHIO	
COUNTY OF FRANKLIN, SS	
COUNTY OF FRANKLIN, 55	
The undersigned, a Notary P	ublic in and for the above state and county,
hereby certifies that on the day of	2000, before me personally
appeared GIRE CONTRACTOR SECONDARY	
	And W. STEPHEN WIRT , the
Executive vice president	and W. STEPHEN WIRT , the
respectively, of WENDY'S INTERNATION	, 2000, before me personally and W. SIEPHEN WRT , the work and ONAL, INC., an Ohio corporation, who are
respectively, of WENDY'S INTERNATION	and W. STEPHEN WIRT, the and who executed the foregoing
respectively, of <b>WENDY'S INTERNATIO</b> known to me as the persons and officers d	ONAL, INC., an Ohio corporation, who are
known to me as the persons and officers d instrument on behalf of said corporation,	ONAL, INC., an Ohio corporation, who are escribed in and who executed the foregoing
known to me as the persons and officers d instrument on behalf of said corporation, positions or titles set forth in the instru- instrument on behalf of the corporation by p	onal, Inc., an Ohio corporation, who are escribed in and who executed the foregoing and who acknowledge that they held the ment and certificate, that they signed the proper authority, and that the instrument was
known to me as the persons and officers d instrument on behalf of said corporation, positions or titles set forth in the instru	onal, Inc., an Ohio corporation, who are escribed in and who executed the foregoing and who acknowledge that they held the ment and certificate, that they signed the proper authority, and that the instrument was
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Wendy's International, Inc 4288 West Dublin-Granville Road Dublin, Ohio 43017

### **EXHIBIT A**

### Parcel A:

LOT 2, as delineated on King County Short Plat Number 1079107, recorded under recording number 7912260667, being a portion of Tract A, Evergreen Plaza, a Planned Unit Development, according to the plat thereof, recorded in Volume 100, of Plats, Pages 74 and 75, in King County, Washington

### Parcel B:

Lot 1, and Tracts B and C, Evergreen Plaza, a Planned Unit Development, according to the plat thereof, recorded in Volume 100, of Plats, Pages 74 and 75, in King County, Washington,

Aka Tax Account Nos 242320-0050-05, 242320-0010-09, 242320-0060-08 and 242320-0070-06

### **EXHIBIT B**

Situated in the County of King, State of Washington, and described as follows

Lot 1 of Short Plat No 1079107, recorded under Recording No 7912270667, records of King County, Washington

Aka: 2216 South 320th Street, Federal Way, Washington Tax Account No 242320-0055-05

### **EXHIBIT C**

JUNE 28, 2000 PROJECT NO. 00013 FEDERAL WAY, WA

LEGAL DESCRIPTION

DRIVE THRU AREA EASEMENT

THAT PORTION OF LOT 2 OF SHORT PLAT NO. 1079107, RECORDED UNDER RECORDING NO. 7912270667, RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

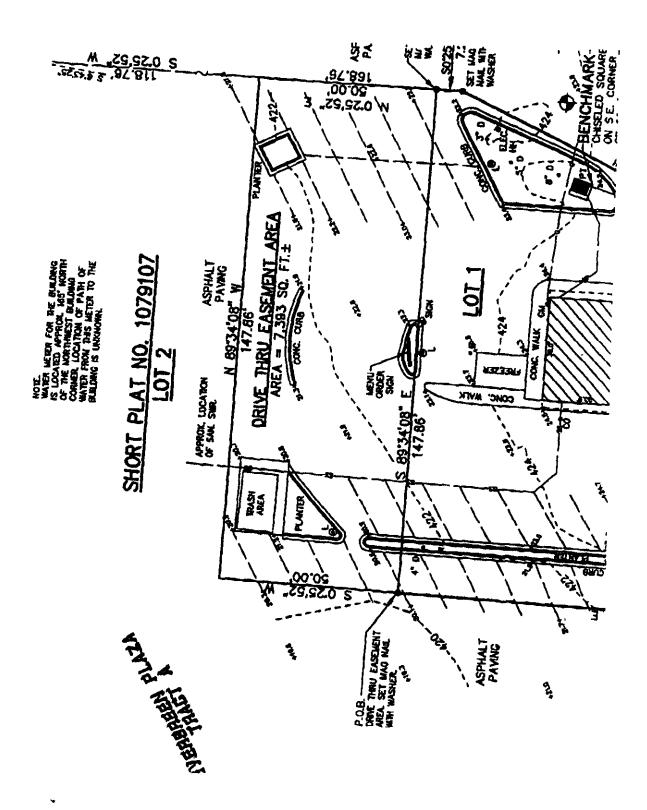
BEGINNING AT THE NORTHWEST CORNER OF LOT 1 OF SHORT PLAT NO. 1079107, RECORDED UNDER RECORDING NO. 7912270667, SAID CORNER BEING A COMMON CORNER WITH LOT 2 OF SAID SHORT PLAT; THENCE SOUTH 88°34'08" EAST ALONG THE LINE COMMON TO LOTS 1 AND 2 OF SAID SHORT PLAT A DISTANCE OF 147.88 FEET TO THE SOUTHEAST CORNER OF SAID LOT 2:

THENCE NORTH 00°25'52" EAST ALONG THE EAST LINE OF SAID LOT 2 A DISTANCE OF 50.00 FEET;

THENCE NORTH 89°34'08" WEST PARALLEL TO THE SOUTH LINE OF SAID LOT 2 A DISTANCE OF 147.86 FEET.

THENCE SOUTH 00"25'62" WEST 50.00 FEET TO THE POINT OF BEGINNING.





### **EXHIBIT C**

JUNE 28, 2000 PROJECT NO. 00013 FEDERAL WAY, WA

LEGAL DESCRIPTION

DRIVE THRU AREA EASEMENT

THAT PORTION OF LUT 2 OF SHORT PLAT NO. 1079107, RECORDED UNDER RECORDING NO. 791:270667, RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

### UNIT DEVELOPMENT

SECTION 9, TOWNSHIP 2IN., RANGE 4 E.W.M. KING COUNTY, WASHINGTON

NOTE:

7608300834 /00/74 BUSH ROED & HITCHINGS, RS.,

VEN LOTS 3 AMP A RANT POT PALK TRACT A - NO COT A EVENT IN, LAPT IN FEBRUAR CENTRELIKE OF WAST WIDE F

STORM SEWER EASEMENT DETAIL

50. 320 × 51.

Reknewledgement;

TRACT C

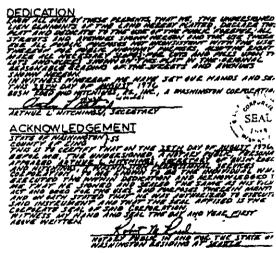
TRACT &

WILLIAM DE SHES THE OF WASHINGTON PROJECT OF SASKINGTON PROJECT OF SASKING OF SASKING

115.00

8

**EXHIBIT D** 



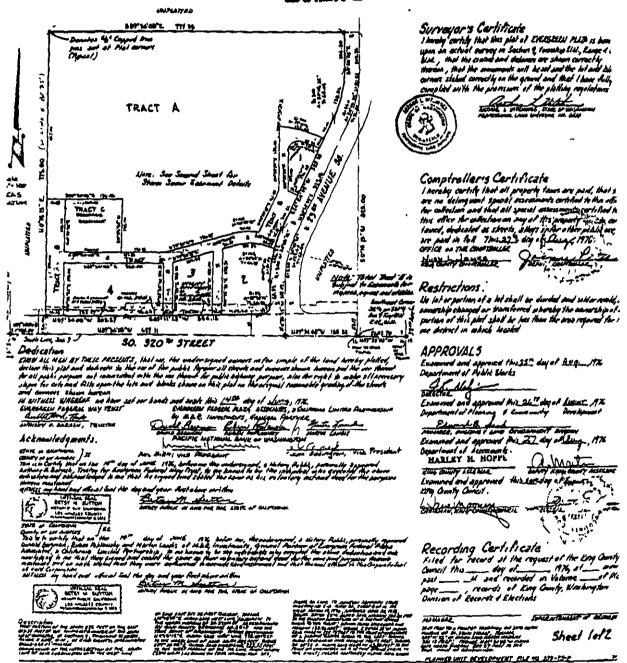
SHEET 2 of :

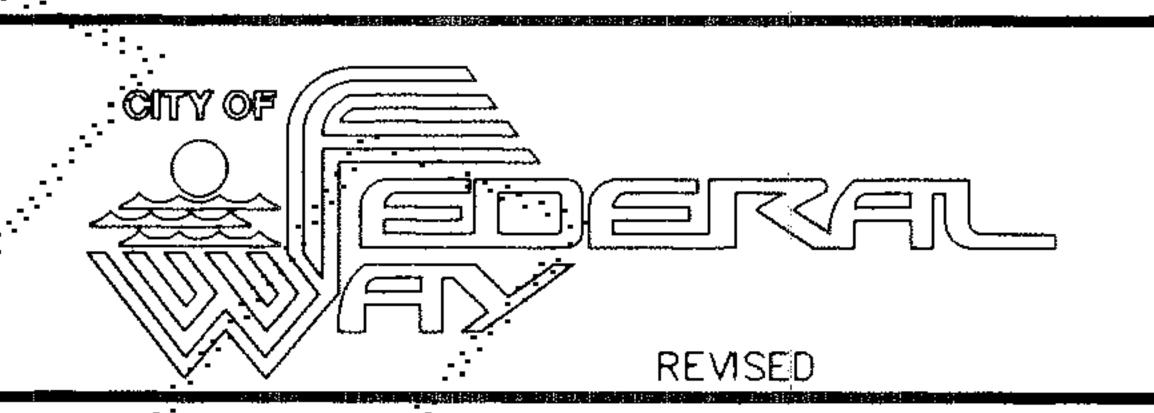
### EVERGREEN PLAZA T608300834 AUS

A PLANNED UNIT DEVELOPMENT SECTION 9, TOWNSHIP 21 N., RANGE 4 E.W.M. KING COUNTY, WASHINGTON

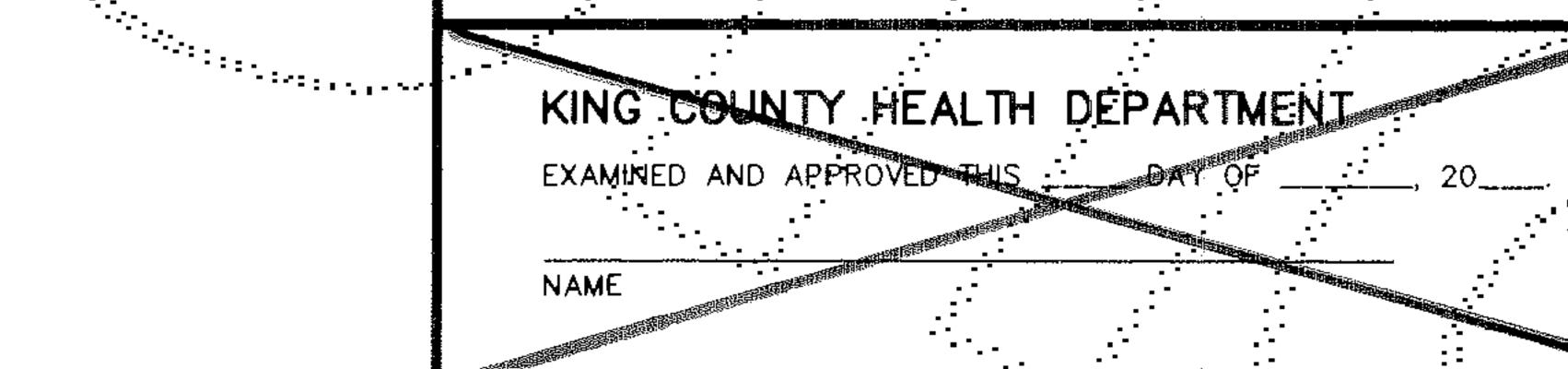
BUSH ROED & HITCHINGS, RS. I

### **EXHIBIT D**





BOUNDARY LINE ADJUSTMENT NO. BLA 00-104493 CITY OF FEDERAL WAY KING COUNTY, WASHINGTON



### AUTHORIZATION

THIS BOUNDARY LINE ADJUSTMENT IS MADE WITH THE....-OF THE OWNERS OF THE AFFECTED PROPERTIES.

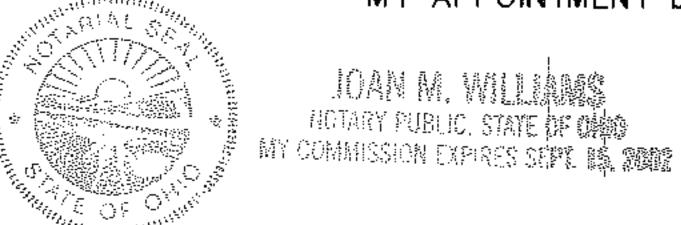
NAME WEN	DY'S INTERNATIONAL, INC.	DATE '
	And Denne	12/12/00
NAME ØCG	II, LLC	DATE #
NIANE		
NAME		DATE
NAME		DATE

I CERTIFY THAT I KNOW OR HAVE SATISFACTORY

STATE OF ______

SIGNED THIS INSTRUMENT AND ACKNOWLEDGED IT TO BE (HIS/HER) FREE INSTRUMENT.





I CERTIFY THAT I KNOW OR HAVE SATISFACTORY EVIDENCE THAT

SIGNED THIS INSTRUMENT AND ACKNOWLEDGED IT TO BE (HIS/HER) FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES MENTIONED IN THE

_		
	ichand S. Plute	
	TATE OF WASHINGSON,	URE OF Y PUBLIC
	NOTARY PUPPRINTED	D NAME ALLANDAS. PLY
M	Chiefsin Expres and-af	POINTMENT EXPIRES 8 -08 -01

APPROVALS:

CITY OF FEDERAL WAY

EXAMINED AND APPROVED THIS _____ DAY OF ______ 20____.

DIRECTOR, PUBLIC WORKS

DIRECTOR OF COMMUNITY DEVELOPMENT SERVICES

KING COUNTY DEPARTMENT OF ASSESSMENTS

EXAMINED AND APPROVED THIS 13th DAY OF EDVILLY 2001. Scott Noble
ASSESSOR
PLITY ASSESSOR

DEPUTY ASSESSOR - 0050 & -0055

VOL. /PAGE RECORDING NO.

20010213 900003

SCALE: 1 INCH = 60 FEET0 30' 60' 90' 120' 150'

PORTION OF:

S.E. 1/4 OF S.W. 1/4, S. 9, T. 21 N., R. 4 E., W.M.

# LEGAL DESCRIPTIONS - BEFORE BOUNDARY LINE ADJUSTMENT

PARCEL 1

LOT 1 OF SHORT PLAT NO. 1079107, RECORDED UNDER RECORDING NO. 7912270667, RECORDS OF KING COUNTY, WASHINGTON.

PARCEL 2

LOT 2 OF SHORT PLAT NO. 1079107; RECORDED UNDER RECORDING NO. . 7912270667, RECORDS OF KING COUNTY, WASHINGTON. _...

## LEGAL DESCRIPTIONS - AFTER BOUNDARY LINE ADJUSTMENT PARCEL 1

LOT 1 OF SHORT PLAT NO. 1079107, RECORDED UNDER RECORDING NO. 7912270667, RECORDS OF KING COUNTY, WASHINGTON;

TOGETHER WITH THAT PORTION OF LOT 2 OF SHORT PLAT NO. 1079107. RECORDED UNDER RECORDING NO. 7912270667, RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF LOT 1 OF SHORT PLAT NO. 1079107, RECORDED UNDER RECORDING NO. 7912270667, SAID CORNER BEING A COMMON CORNER WITH LOT 2 OF SAID SHORT PLAT; THENCE SOUTH 89'34'08" EAST ALONG THE LINE COMMON TO LOTS 1 AND 2 OF SAID SHORT PLAT A DISTANCE OF 147.86 FEET TO THE SOUTHEAST CORNER OF SAID LOT 2; THENCE NORTH 00'25'52" EAST ALONG THE EAST LINE OF SAID LOT 2 A DISTANCE OF 50.00 FEET, THENCE NORTH 89'34'08" WEST PARALLEL TO THE SOUTH LINE OF SAID LOT 2

LOT 2 OF SHORT PLAT NO. 1079107, RECORDED UNDER RECORDING NO. 7912270667, RECORDS OF KING COUNTY, WASHINGTON;

THENCE SOUTH 00'25'52" WEST 50.00 FEET TO THE POINT OF BEGINNING.

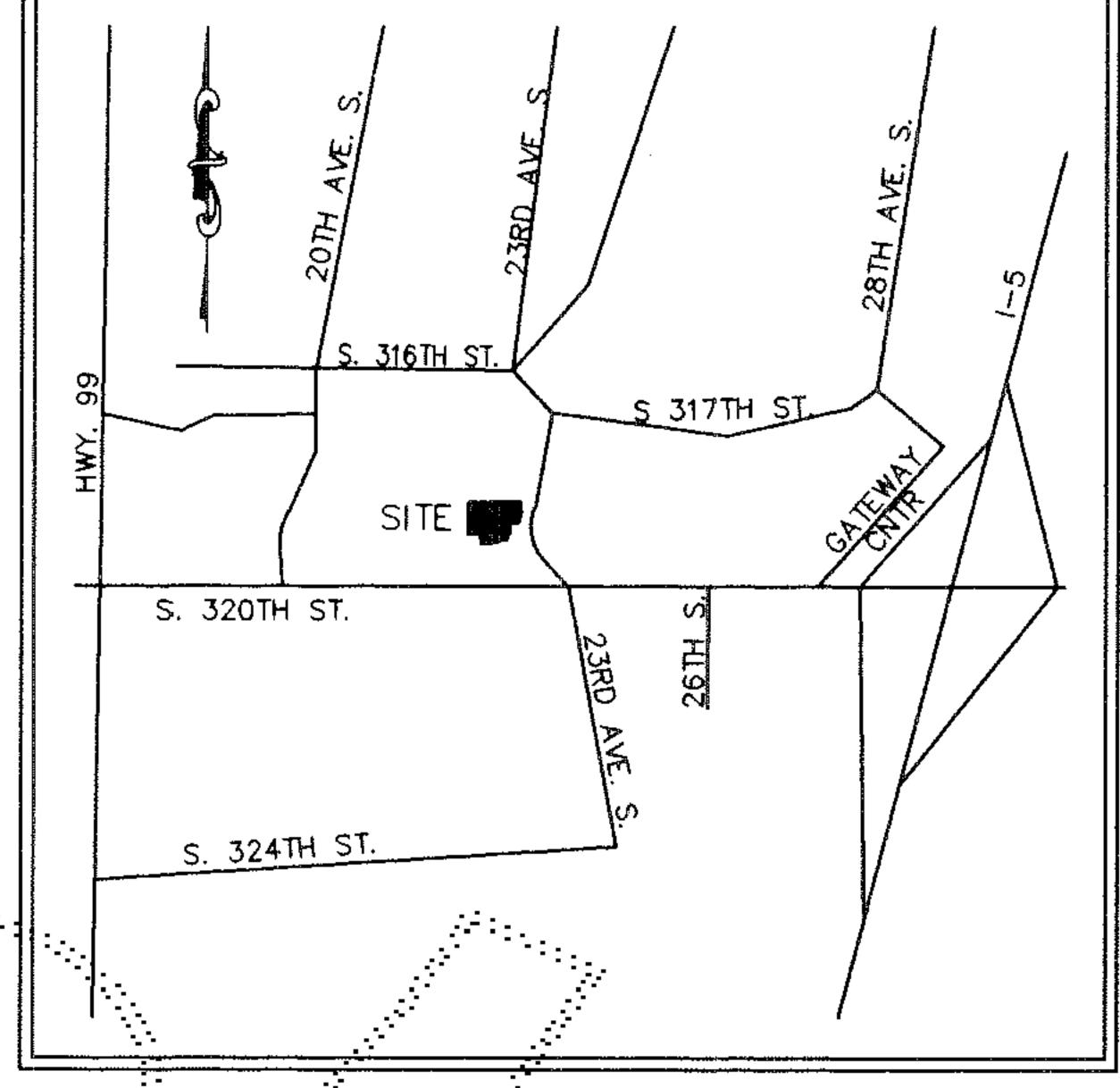
THAT PORTION DESCRIBED AS FOLLOWS:

A DISTANCE OF 147.86 FEET;

BEGINNING AT THE NORTHWEST CORNER OF LOT: 1 OF SHORT PLAT NO. 1079107, RECORDED UNDER RECORDING NO. 7912270667, SAID CORNER BEING A COMMON CORNER WITH LOT 2 OF SAID SHORT PLAT; THENCE SOUTH 89'34'08" EAST ALONG THE LINE COMMON TO LOTS 1 SAID SHORT PLAT A DISTANCE OF 147.86 FEET TO THE SOUTHEAST CORNER OF SAID LOT 2; THENCE NORTH 00°25'52" EAST ALONG THE EAST LINE OF SAID LOT 2 A DISTANCE OF 50.00 FEET; THENCE NORTH 89'34'08" WEST PARALLEL TO THE SOUTH LINE OF SAID LOT

THENCE SOUTH 00'25'52" WEST 50.00 FEET TO THE POINT OF BEGINNING.

TIM HANSON AND ASSOCIATES 6025 108TH AVENUE N.E. KIRKLAND, WA 98033 425-822-7271



MCINITY MAP = 1/4 MILE

### NOTES

- 1. THE SURVEY WAS ACCOMPLISHED BY FIELD TRAVERSE METHOD THROUGH THE MONUMENTS SHOWN USING A 05" TOTAL STATION THEODOLITE (LEICA TCA1105).
- 2. THE SURVEY MEETS OR EXCEEDS THE ACCURACY REQUIREMENTS OF WAC 332-130-090.
- 3. REFERENCE PLAT OF EVERGREEN PLAZA, VOL. 100, P. 74-75.
- 4. REFERENCE KING COUNTY SHORT PLAT NO. 1079107, REC. NO. 7912270667.
- _.... 5. REFERENCE SURVEY RECORDED UNDER REC. NO. 7611129011.
  - 6. REFERENCE SURVEY RECORDED UNDER REC. NO. 7803179022.
  - REFERENCE SURVEY RECORDED UNDER REC. NO. 8503259001.
  - 8. REFERENCE SURVEY RECORDED UNDER REC. NO. 9304159002.

## RECORDER'S CERTIFICATE ......

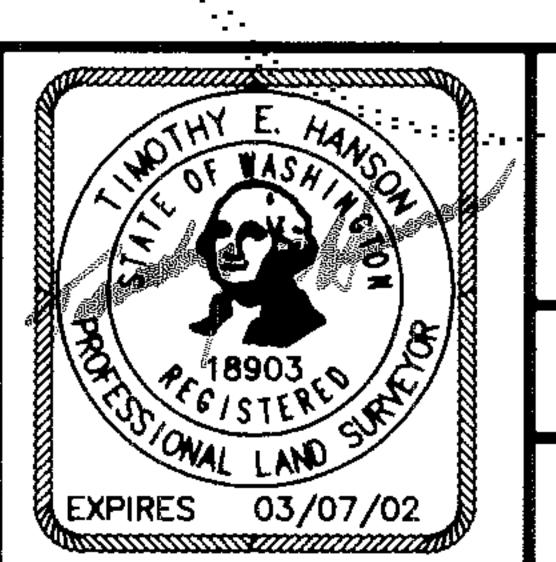


SUPT. OF RECORDS

## LAND SURVEYOR'S CERTIFICATE

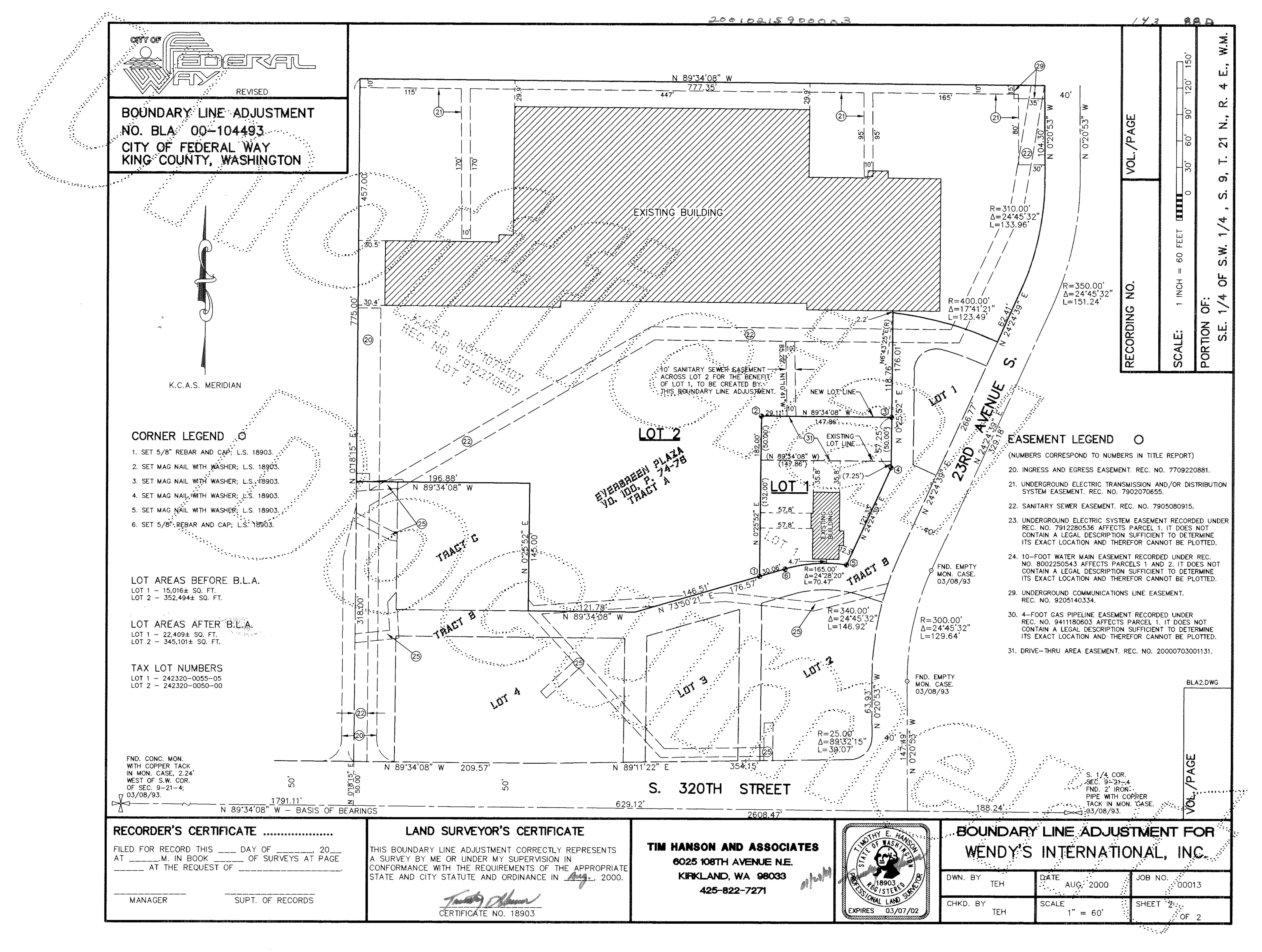
A DISTANCE OF 147.86 FEET;

THIS BOUNDARY LINE ADJUSTMENT CORRECTLY REPRESENTS A SURVEY BY ME OR UNDER MY SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPROPRIATE STATE AND CITY STATUTE AND ORDINANCE IN _______, 2000.



# BOUNDARY LINE ADJUSTMENT FOR WENDY'S INTERNATIONAL, INC.

DWN. BY TEH	DATE AUG. 2000	JOB NO. : 00013
CHKD. BY TEH	SCALE	SHEET 1 OF 2



#### WHEN RECORDED RETURN TO

Wendy's International, Inc Legal Department / Jo Williams 4288 W Dublin Granville Road Dublin, Ohio 43017



E1803591

PAGE 001 OF 002

CONDICHWEALTH LAND TITLE

**GENERAL WARRANTY DEED** 

This indenture made the 3/5 day of ______, 200, by DCG II, LLC, a Washington Limited Liability Company, whose principal address and place of business is c/o Summit Properties, 25022 104th Avenue SE, Suite B, Kent, Washington, 98031, hereinafter referred to as "Grantor", to WENDY'S INTERNATIONAL, INC., an Ohio corporation, whose principal address and place of business is 4288 W Dublin-Granville Road, Dublin, Ohio 43017, hereinafter referred to as "Grantee"

Witnesseth That Grantor, for and in consideration of the sum of Ten Dollars (\$10 00) and other good and valuable consideration in hand paid by Grantee, the receipt and sufficiency of which is hereby acknowledged, conveys and warrants to Grantee, its successors and assigns, all that certain real estate situated in the City of Federal Way, County of King, State of Washington (hereinafter known as the "Real Property"), to wit

That portion of Lot 2 of Short Plat No 1079107, recorded under recording No 7912270667, records of King County, Washington, described as follows

Beginning at the northwest corner of Lot 1 of Short Plat No 1079107, recorded under Recording No 7912270667, said corner being a common corner with Lot 2 of said Short Plat,

Thence South 89°34'08" East along the line common to Lots 1 and 2 of said Short Plat a distance of 147 86 feet to the southeast corner of said Lot 2,

Thence North 00°25'52" East along the east line of said Lot 2 a distance of 50 00 feet,

Thence North 89°34'08" West parallel to the south line of said Lot 2 a distance of 147 86 feet,

Thence South 00°25'52" West 50 00 feet to the point of beginning

(Being known as a portion of Lot 1, City of Federal Way Boundary Line Adjustment No BLA 00-104493, recorded under Recording No <u>20010215700003</u> in King County, Washington)

### AKA Tax Account Number: 242320-0050-00 (PORTION)

Being part of the real estate transferred to Grantor from Sea-Tac Plaza Corporation, a Delaware corporation, by Deed, dated December 28, 1998, recorded December 29, 1998, as Instrument Number #9812291646, Auditor's Office, King County, Washington

SUBJECT TO zoning ordinances, legal highways, restrictions, reservations, conditions and easements of record, matters of survey, and real property taxes and assessments for the current and subsequent years

Grantor hereby **RESERVES** to itself, for the use and benefit of Grantor, its successors, assigns, invitees, customers and employees a non-exclusive perpetual easement over the driveways as they may exist from time to time on the Real Property for the passage of passenger vehicles and light trucks only Grantor's use of the driveways on the Real Property shall in no way interfere with Grantee's drive-thru and pick-up window or stacking lane or impede the conduct of Grantee's business

Dated this 27 day of JANUANY, 2000

DCG II, LLC, a Washington limited liability company

Name D Michael Dunne
Title Managing Member

STATE OF WASHINGTON, COUNTY OF King, SS

The undersigned, a Notary Public in and for the above state and county, hereby certifies that on the 29th day of Jonuary, 2001, 2000, before me personally appeared D Michael Dunne, Managing Member of DCG II, LLC, a Washington Limited Liability Company, who is known to me as the person and managing member described in and who executed the foregoing instrument on behalf of said company, and who acknowledge that he held the position or title set forth in the instrument and certificate, that he signed the instrument on behalf of the company by proper authority, and that the instrument was the act of the company for the purposes therein stated

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on the day and year last aforesaid

SEAL)

PUPLING

ON WIGHT

Notary Public

Residence Bucklous WA 9

Expiration 8/29/04

THIS INSTRUMENT PREPARED BY

Stephen Harper, Attorney at Law WENDY'S INTERNATIONAL, INC 4288 W Dublin-Granville Road Dublin, Ohio 43017

#### **RETURN ADDRESS:**

Philip M Roberts, Esq. Ryan, Swanson & Cleveland, PLLC 1201 Third Avenue, Suite 3400 Seattle, WA 98101-3034



**DECLARATION OF EASEMENTS AND COVENANTS** 

**GRANTOR** 

**GRANTEE** 

ABBREVIATED LEGAL DESCRIPTION

DCG II, LLC

DCG II, LLC

DEC 30 2003

Lot 2, SP #1079107, Recording #7912270667, Tract B, Evergreen Plaza, Vol 100, Pgs 74-75, Tract C, Evergreen Plaza, Vol 100, Pgs 74-75 (See Pages 6-7 for full legal description)

ASSESSOR'S TAX PARCEL NO

242320-0050-00, 242320-0060-08, 242320-0070-06

THIS DECLARATION OF EASEMENTS AND COVENANTS (the "Declaration"), is made and entered into this _____ day of December, 2003, by DCG II, LLC, a Washington limited liability company ("DCG").

### **RECITALS:**

A DCG is the owner of property located in the City of Federal Way, County of King, State of Washington, which is more particularly described on Exhibit A attached hereto and incorporated herein by this reference ("DCG Parcel"), and that certain property located in the City of Federal Way, County of King, State of Washington, which is more particularly described on Exhibit B attached hereto and incorporated herein by this reference ("Lot 5"). Both properties are shown on the site plan for Evergreen Plaza attached hereto as Exhibit C and incorporated herein by this reference. Each of the DCG Parcel and Lot 5 are sometimes hereinafter referred to as a "Parcel."

- B. DCG is selling Lot 5 to Sound Credit Union ("Sound Credit"), and
- C. DCG desires to establish certain reciprocal easements, parking rights and covenants for said property, as hereinafter set forth

NOW, THEREFORE, DCG, for itself and its successors and assigns, does hereby declare, grant, covenant and agree as follows:

- 1. Ingress, Egress Easement. DCG hereby establishes and creates for the benefit of the DCG Parcel and Lot 5, and the benefit of each of their successors, assigns, licensees, suppliers, customers and employees, a non-exclusive, perpetual easement, appurtenant to each Parcel, for the purpose of passenger vehicle, light truck, and pedestrian ingress, egress and access to and from each Parcel and 320th Street and 23rd Avenue, over, upon, across and through the drive lane areas of Tract A of the Amendment to Evergreen Plaza Building Site Plan PUD recorded under King County AFN 20030909000708 (formerly known as Tract B on the plat of Evergreen Plaza P U D Vol. 100-74/75), as shown on attached Exhibit C ("Evergreen Plaza"), and over, upon, across and through the drive lanes on each Parcel, as they may exist from time to time, to access other roads or driveways. Each owner of a Parcel shall adequately maintain the easement area on its Parcel, in a level, evenly-paved condition (subject to Federal Way's landscaping requirements) and at a grade level reasonably compatible to the other party's Parcel In the event the owner of a Parcel fails or refuses to adequately maintain the easement area of such Parcel after receiving reasonable written notice from the owner of any part or all of another Parcel, the party giving the written notice shall have the option, but not the obligation, of performing the necessary maintenance and billing the reasonable cost thereof to the owner of the Parcel required to maintain the easement area This easement shall include the right to enter upon such other portions of a Parcel as are necessary for the purposes of maintaining said easement area
- 2. Parking Covenant. DCG hereby establishes and creates for the benefit of the DCG Parcel and Lot 5, and the benefit of each of their successors, assigns, licensees, suppliers, customers and employees, a non-exclusive, perpetual easement, appurtenant to each Parcel, for driveway, vehicular and pedestrian ingress and egress and parking purposes over the common driveways, walkways and parking areas as they may exist from time to time within each Parcel, provided, however, that each Parcel must independently adhere to all existing city and/or county municipal parking requirements without the use of any parking spaces on another Parcel unless owned by the same party. No buildings, fences, curbs or other obstructions prohibiting reasonable access between the Parcels shall be constructed without the prior written approval of the owner of the other Parcel. The owner of each Parcel, at such party's expense, shall be obligated to adequately maintain such party's Parcel
- 3. <u>Utilities Easement.</u> DCG hereby establishes and creates for the benefit of the DCG Parcel and Lot 5, and the benefit of each of their successors and assigns, a non-exclusive, perpetual easement, over, across, under and upon each Parcel, for the purpose of connecting to all utilities on or abutting a Parcel which may exist from time to time, including without limitation water, storm water, electrical, sewer, telephone, and cable Any party connecting to existing utilities shall be responsible for the costs in connecting to said utilities. In the event this utility easement interferes with improvements an owner desires to make to such owner's Parcel, the owner so affected shall be entitled to relocate

the utilities and this easement, and any improvements placed in the easement area by the owner of the other Parcel, at the affected owner's sole cost and expense, after giving the other owner ninety (90) days written notice. Any relocation shall be designed and constructed in a manner which does not adversely impact the other party's Parcel or its business

- 4. Signage Rights and Easements DCG hereby assigns, conveys and transfers to Sound Credit its right, if any, (as of the date of the Addendum) along one right of way abutting Evergreen Plaza, for one (1) sign ("Sign Credit"), provided that the size and location of such sign shall be subject to the prior written approval of DCG (which approval shall not be unreasonably withheld, conditioned or delayed), it being acknowledged that any such sign shall not be permitted to unreasonably block the view of any other business in Evergreen Plaza. The assignment and transfer of the Sign Credit shall be separate and distinct from any signage rights available to Lot 5 It is the intention of this paragraph that Sound Credit will be able to install an off-site sign abutting South 320th Street or 23rd Avenue South with the Sign Credit if permitted by the City of Federal Way. Sound Credit shall be responsible for the installation, maintenance and repair of any such sign. DCG also grants, conveys for the benefit of Lot 5, its successors and assigns, a non-exclusive, perpetual easement, appurtenant to Lot 5 for the purpose of installing, operating, maintaining, repairing, replacing and renewing an unobstructive advertising sign and relating landscaping as required by the City of Federal Way for any sign permitted to be installed by Sound Credit hereunder. It is contemplated that the signage easement resulting from the Sign Credit shall be located at the southwest corner of Tract A abutting South 320th Street or the northern corner of Tract A abutting 23rd Avenue South and that any sign right that Lot 5 may have on its own shall be in the aforementioned location that is not utilized for the sign installed in connection with the Sign Credit
- 5. <u>Covenants Running With the Land</u>. The above-described easements, restrictions and covenants shall be for the use and benefit of the DCG Parcel and Lot 5, and the owners from time to time of all or any part thereof. All provisions of this Declaration, including the covenants, benefits and burdens, shall run with the land and be binding upon and inure to the heirs, executors, administrators, personal and/or legal representatives, successors, assigns and tenants of the owners of the Parcels. This grant shall be given a reasonable construction so that the intention of the parties to confer a commercial usable right of enjoyment on Lot 5 is carried out.
- 6. <u>No Merger</u>. Ownership by one person or party of both Parcels shall not result in a cancellation or partial cancellation of this Declaration through merger or otherwise This Declaration shall remain in full force and effect notwithstanding any change in ownership of a Parcel.

- 7. <u>Amendment</u>. The provisions of this Declaration may be amended, modified, abrogated, or rescinded only with the written agreement of the owners of both Parcels
- 8. Remedies If the owner of any portion of any Parcel, during the term of this Declaration, shall default in the full, faithful and punctual performance of any obligation required hereunder and, if upon the expiration of twenty (20) days after written notice from any other owner stating with particularity the nature and extent of such default, the defaulting owner has failed to cure such default, then any other owner shall have the right to perform such obligation of this Declaration on behalf of such defaulting owner and be reimbursed by such defaulting owner for the cost thereof with interest at the lower of twelve percent (12%) per annum or the maximum rate allowed by law. In the event of breach or threatened breach of this Declaration, any record owner of any portion of a Parcel shall be entitled to institute proceedings for full and adequate relief from the consequences of said breach, including, without limitation, injunctive relief. In the event of legal proceedings hereunder, the prevailing party shall be entitled to receive from the non-prevailing party its reasonable attorneys' fees and costs.
- 9. <u>Notices</u> Notices made by owners pursuant hereto may be served as follows and shall be deemed received upon (i) hand delivery, (ii) one (1) day after being deposited with an express mail service, such as Federal Express, or (iii) three (3) days after being deposited in a United States Post Office, postage prepaid, certified or registered.
- 10. <u>Priority</u>. Notwithstanding anything to the contrary contained herein, this Declaration shall be subordinate and subject to the terms and conditions of any and all other matters affecting either of the Parcels that are of record as of the date hereof

IN WITNESS WHEREOF, this Declaration is executed as of the day and year first above written.

DCG II, LLC

STATE OF WASHINGTON

) ss.

COUNTY OF Ling )

I certify that I know or have satisfactory evidence that \( \textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\textstyle{\texts

DATED this 29 day of December

ENSON NOTATION OF THE STATE OF

Notary Seal

NOTARY PUBLIC in and for the State of

Washington residing at My Commission Expires:

### **EXHIBIT A**

### Parcel A:

LOT 2, as delineated on King County Short Plat Number 1079107, recorded under Recording Number 7912270667, being a portion of Tract A, Evergreen Plaza, a Planned Unit Development, according to the plat thereof, recorded in Volume 100 of Plats, Pages 74 and 75, in King County, Washington.

### Parcel B:

Tract B, Evergreen Plaza, a Planned Unit Development, according to the plat thereof, recorded in Volume 100 of Plats, Pages 74 and 75, in King County, Washington.

### **EXHIBIT B**

Situated in the County of King, State of Washington, and described as follows:

Tract C of Evergreen Plaza, according to plat recorded in Volume 100 of Plats at pages 74 and 75, and as amended by Volume 216 at Pages 36, 37 and 38 in King County, Washington.

AKA Tax Account No 242320-0070-06

### **EXHIBIT C**

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EVERGREEN PLAZA (TRACT A)

### AGREEMENT

THIS AGREEMENT, entered into in duplicate between WATER DISTRICT NO. 124, King County, a municipal corporation of the State of Washington hereinafter referred to as the "District", and THE RAINIER FUND hereinafter referred to as the "Developer":

WITNESSETH:

WHEREAS, the District operates and maintains a domestic water supply within its boundaries which can serve property of Developer, and

WHEREAS, Developer desires to construct certain water mains and appurtenances at its own cost to serve Developer's property, for delivery to and operation by the District,

NOW, THEREFORE, IT IS HEREBY AGREED that:

1. The land for which domestic water supply is requested and to which this Agreement applies, is realty in King County, Washington, described as follows:

Tract A, Evergreen Plaza, King County, Washington.

- 2. The District's engineers shall draw plans and specifications for water main construction to be  $% \left( 1\right) =\left( 1\right) +\left( 1\right) +$
- 3. Notice to the District that construction is ready for inspection shall be given not less than 24 hours prior to requested inspection date. Developer shall maintain at the construction area, at all times during construction, a representative to whom District notices may be given regarding construction. Said representative shall be designated in writing by the Developer before the start of work. In the event of change of Developer's designated job representative, then the District shall be immediately notified.
- 4. Developer shall notify the District the date work and construction described in this Agreement will commence, and said notice shall be given not less than two (2) days (work days and not including Saturday, Sunday or national holidays) before said commencement date. After the work is commenced, it shall vigorously, consistently and in a first-class workmanlike manner, be carried to completion. In the event work and construction described herein is not completed on or before one year from the date of this Agreement, (unless delayed by unavoidable accident, strike or Acts of God), this Agreement shall be void and of no force or effect whatsoever.
- 5. Developer may prepare and call for bids for construction described herein or negotiate a construction agreement for said construction; however, construction shall be performed and under the supervision of only workers or craftsmen experienced in the installation filth for hoosek.

Attorney at Law 42C East Main Auburn, Washington 98002 (206) 833-4397 • 854-5920 -1- - W

of water mains and the related work.

- 6. Testing of water facilities shall be performed as required by the District and only after a satisfactory test has been completed and witnessed by the District or its designated agent, will the work be accepted.
- 7. Developer shall pay a general facility fee of \$.0075 per square foot for the land for which water service is provided, said general facility fee shall be payable at the time application for meters is made. In addition, Developer shall pay District's established meter installation fee and monthly service charge. (The general facility fee shall be a minimum of \$100.00 per month.)
- 8. Developer will pay the District's expenses arising out of this Agreement as follows:
  - Reasonable engineering fees incurred by the District;
  - b. Reasonable inspection fees;
  - Reasonable legal fees incurred by the District as related to this improvement;
  - d. Publication, license fees and franchise costs for construction performed by the District.

Developer has paid to the District the sum of \$1,935.00 deposit toward the above costs at the time of executing this Agreement.

- 9. Upon completion of the construction, Developer or contractor shall deliver to the District a bond in the amount of fifty percent (50%) of construction costs that a reliable contractor will make and pay for repairs necessary within one (1) year from the date of acceptance of said construction, arising from faulty labor or material. Form of bond is to be approved by the attorney for the District. Developer shall also deliver Bill of Sale for water mains and appurtenances installed and constructed pursuant to this Agreement. Developer shall pay to the District for mains previously constructed by the District, to wit: 595 feet on 23rd Avenue South, at the rate of \$9.00 per lineal foot for a total sum of \$5,355.00. Said sum shall be paid prior to commencement of construction.
- 10. Developer hereby agrees to indemnify and hold the District harmless from any and all claims which may be asserted against the District as a result of the construction or maintenance of the work during the one (1) year guarantee period, all as described in this Agreement, prior to final acceptance by the District. Developer shall maintain in full force and effect during the construction period, liability insurance satisfactory to the District.
- 11. The District and Developer agree that in carrying out the terms of this contract, the Developer shall be acting as an independent contractor and in no respect shall be deemed the agent of the District.
- 12. The Developer shall not assign this contract without the written consent of the District.
- 13. Partial waiver or waiver by acquiescence by the District of any provision or condition of this Agreement shall not be a waiver of any other provision or condition of this Agreement.
  - 14. Upon completion of construction, including satisfactory

John N. Bocek
Attorney at Law
420 East Main
Auburn, Washington 98002
(206) 833-4397 • 854-5920

- 2 -

acceptance test witnessed by the District, Developer shall assign and convey all permanent water facilities, together with necessary easements, to the District, in form approved by the District's attorney.

- 15. Work and construction performed under this Agreement shall be connected to the District water lines when this Agreement is fully and completely complied with.
- 16. Upon completion of construction, Developer shall submit to the District in writing, a statement of monies and/or other accounting in lieu of direct transfer of monies expended to perform construction described herein, together with such other engineering records and data as may be required by the District.
- 17. This Agreement shall constitute an easement and servitude upon the property described in this Agreement and shall be binding upon the heirs, assign and successors in interest to the Developer. This Agreement shall constitute an equitable lien against property described in this Agreement, and in the event of non-performance by Developer, as stated herein, the District may foreclose said lien in the manner authorized by law.
- 18. This writing constitutes the full and only agreement between the parties, there being no promises, agreements or understandings, written or oral, except as herein set forth, or as hereafter may be amended in writing.

written or oral, except as herein set forth, of as hereafter may be amended in writing.

WITNESS our hands and seals this 26th day of September , 1978.

WATER DISTRICT NO. 124

King County, Washington

August Suthuland

President and Commissioner

Hank Gdrdon, Partner

Secretary and Commissioner

PARTNERSHIP ACKNOWLEDGMENT

STATE OF WASHINGTON )

, ss.

COUNTY OF KING

On this 26 day of Segrember, 1978, before me, a Notary Public in and for the State of Washington, personally appeared Robert M. Parks and Hank Gordon, to me known to be partners of The Rainier Fund, the partnership that executed the foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said partnership, for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute the said instrument on behalf of the partnership.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public in and for the STATE of WASHINGTON, residing at

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EVERGREEN PLAZA SHOPPING CENTER Agreement No. 233

### - AGREEMENT -

THIS AGREEMENT, entered into in duplicate between LAKEHAVEN SEWER DISTRICT, King County, a municipal corporation of the State of Washington, hereinafter referred to as the "District", and THE RAINIER FUND, Seattle, Washington, hereinafter referred to as the "Developer":

### WITNESSETH:

WHEREAS, the District operates and maintains a system of sewage disposal within its boundaries which can serve property of Developer, and

WHEREAS, the Developer desires to construct certain sewage facilities at its own cost to serve Developer's property, for delivery to and operation by the District.

NOW, THEREFORE, IT IS AGREED that:

- 1. The land for which sewage treatment is requested and to which this Agreement applies is realty in King County, Washington, described on Exhibit "A" attached hereto and incorporated herein by reference.
- 2. The Developer shall deliver to the District the plans and specifications for lateral collection system in the Developer's area which is not served by District constructed lines. Said plans shall be in scale and detail requested by the District.
- 3. No construction shall be commenced before the District has notified Developer in writing that plans and specifications have been approved.
- 4. The District shall perform all inspection of sewer facilities and no sewer facility shall be covered prior to inspection. Notice to the District that construction is ready for inspection shall be given not less than 24 hours prior to inspection; District shall inspect within 24 hours of said notice. Developer agrees to comply with all District's reasonable inspection requirements. Developer shall maintain at the construction area, at all times during construction, a representative to whom District notices may be given regarding construction. Said representative shall be designated in writing by the Developer.
- 5. Upon completion of construction, Developer shall assign and convey to the District good title to said sewer facilities together with permanent easements for their location in form acceptable to the District.
- 6. Developer shall notify the District the date work and construction described in this Agreement will commence. Said notice shall be

Page One

John R. Bocek Attorney at Law 420 East Main Auburn, Washington 98002 (206) 833-4397 • 854-5920

1% EXCISE TAX NOT REQUIRED
King Co. Recurs Division

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given not less than two (2) days before said commencement date. In the event of interruption of work for any reason for more than three (3) consecutive days, Developer shall give the District written notice not less than 24 hours before recommencement of work. After the work is commenced, it shall vigorously, consistently and in a first-class workmanlike manner be carried to completion. In the event work and construction described herein is not completed on or before 2/2/21 1919, (unless delayed by an unavoidable accident, strike or Acts of God), this Agreement shall be void and of no force or effect whatsoever.

- 7. Developer may prepare and call for bids for construction described herein or negotiate a construction agreement for said construction; bids shall not be called nor construction agreement executed prior to approval by the District for the purpose of maintaining District construction and material standards and inspection rights.
- 8. Developer will procure all necessary state and county licenses or permits for construction.
- 9. Testing of collection system shall be performed as required by the District, including, but not limited to exfiltration and/or air testing.
- - Reasonable engineering fees incurred by the District;
  - b. Reasonable inspection fees;
  - Reasonable legal fees incurred by the District;
  - d. Publications, license and franchise costs for construction performed by Developer;
  - e. District's administrative and incidental costs.

Developer will pay to the District the sum of \$ 1000 deposit toward the above costs at the time of executing this Agreement.

- 11. Upon completion of construction described in this Agreement and after acceptance by the District of the work performed, for operation and maintenance by the District, the District shall pay the Developer the difference in the direct construction cost between installation of 1,350 feet of 8" trunk and 10" trunk. The Developer shall submit supporting cost information, and costs shall not exceed the reasonable cost to the District for performing similar work. The District shall make the final determination of the cost of oversize.
- 12. Sanitary sewage service shall be provided by the District to the subject property upon payment of the District's established side sewer fee and monthly service charge.
- 13. The District shall charge the property described on Exhibit "B" attached hereto and by this reference made a part hereof, a proportional (lineal front foot) share of the cost of the sewer main adjacent to said property. Said charge shall be levied by the District paid forthwith to Developer after receipt by the District. Said charge shall not bear interest from completion of construction to date said side sewer permit is applied for. Reimbursement to Developer as provided in this paragraph shall cease and terminate five (5) years from date of acceptance of said sewer main by the District. In the event service to the property described in this paragraph is secured by connection to any

Page Two

John R, Bocek Attorney at Law 420 Enst Mein Auburn, Washington 98002 (206) C33-4397 • 854-5920 other sewer main, said charge would not be paid to Developer.

* ***** _

- 14. Upon completion of construction, Developer or contractor will deliver to the District a bond in the amount of fifty percent (50%) of construction costs that a reliable contractor will make and pay for repairs necessary within one (1) year from date of acceptance of said construction, arising from faulty labor or material. Form of bond is to be approved by attorney for the District.
- Developer hereby agrees to indemnify and hold the District harmless from any and all calims which may be assessed against the District as a result of the construction or maintenance of the work described in this Agreement prior to acceptance by the District.

  Developer shall maintain in full force and effect during the construc tion period, liability insurance satisfactory to the District.
- The District and Developer agree that in carrying out the terms of this contract, the Developer shall be acting as an independent contractor and in no respect shall it be deemed an agent of Lakehaven Sewer District.
- 17. Developer shall not assign this contract without the written consent of the District.
- 18. Partial waiver or waiver by acquiescence by the District of any provision or condition of this Agreement shall not be a waiver of any other provision or condition of this Agreement.
- 19. Work and construction performed under this Agreement shall be connected to the District trunk line when this Agreement is fully and completely complied with.
- 20. Upon completion of construction, Developer shall submit to the District, in writing, a statement of monies expended to perform construction; together with mylar transparencies and such other engineering records and data as may be required by the District.
- This Agreement shall constitute an easement and servitude upon the property described in this Agreement and shall be binding upon the heirs, assigns and successors in interest to the Developer. This Agreement shall constitute an equitable lien against property described in this Agreement and in the event of non-performance by Developer as stated herein, the District may forclose said lein in the manner authorized by law.
- This writing constitutes the full and only Agreement between the parties, there being no promises, agreement or understandings, written or oral, except as herein set forth, or as hereafter may be amended in

WITNESS our hands and seals this 2/2 day of September, 1978
THE RAINIER FUND LAKEHAVEN SEWER DISTRICT
King County, Washington
That It
President and Commissioner
- Symmasella
Commissioner
Page Three

John R. Bosek Attorney at Law Auburn, Washington 98002 (206) 833-4397 • 854-5920

Secretary	and	Commi	
Decretary	and	COMBI	ssioner

COUNTY OF KING S
On this 21 day of Sylember, 1978, before me, the
undersigned, a Notary Public in and for the State of Washington, duly
commissioned and sworn, personally appeared Lauke Hart
and, to me known to be the Presiden
and Secretary, respectively, of THE RAINIER FUND, the corporation that
executed the foregoing instrument, and acknowledged the said instrument
to be the free and voluntary act and deed of said corporation, for the
uses and purposes therein mentioned, and on oath state that they are
authorized to execute the said instrument and that the seal affixed, if
any, is the corporate seal of said corporation.

WITNESS my hand and official seal hereto affixed the day and year first above written.

NOTARY PUBLIC in and for the State of Washington, residing at Lugally



STATE OF WASHINGTON >

Page Four

John R. Bocek Attorney at Law 420 East Main Auburn, Washington 98002 (206) 833-4397 • 854-5920

### EXHIBIT "A"

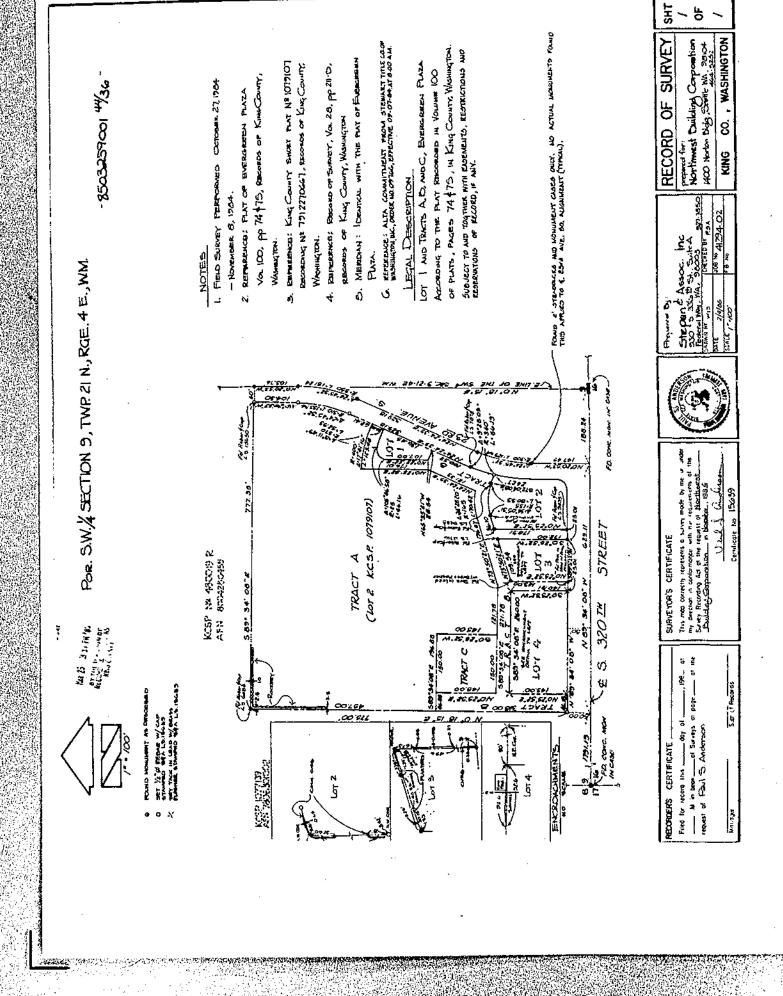
Tracts "A" and "B", Evergreen Plaza planned unit development, as recorded in Volume 100 of plats, pages 74 and 75 records of King County, Washington.

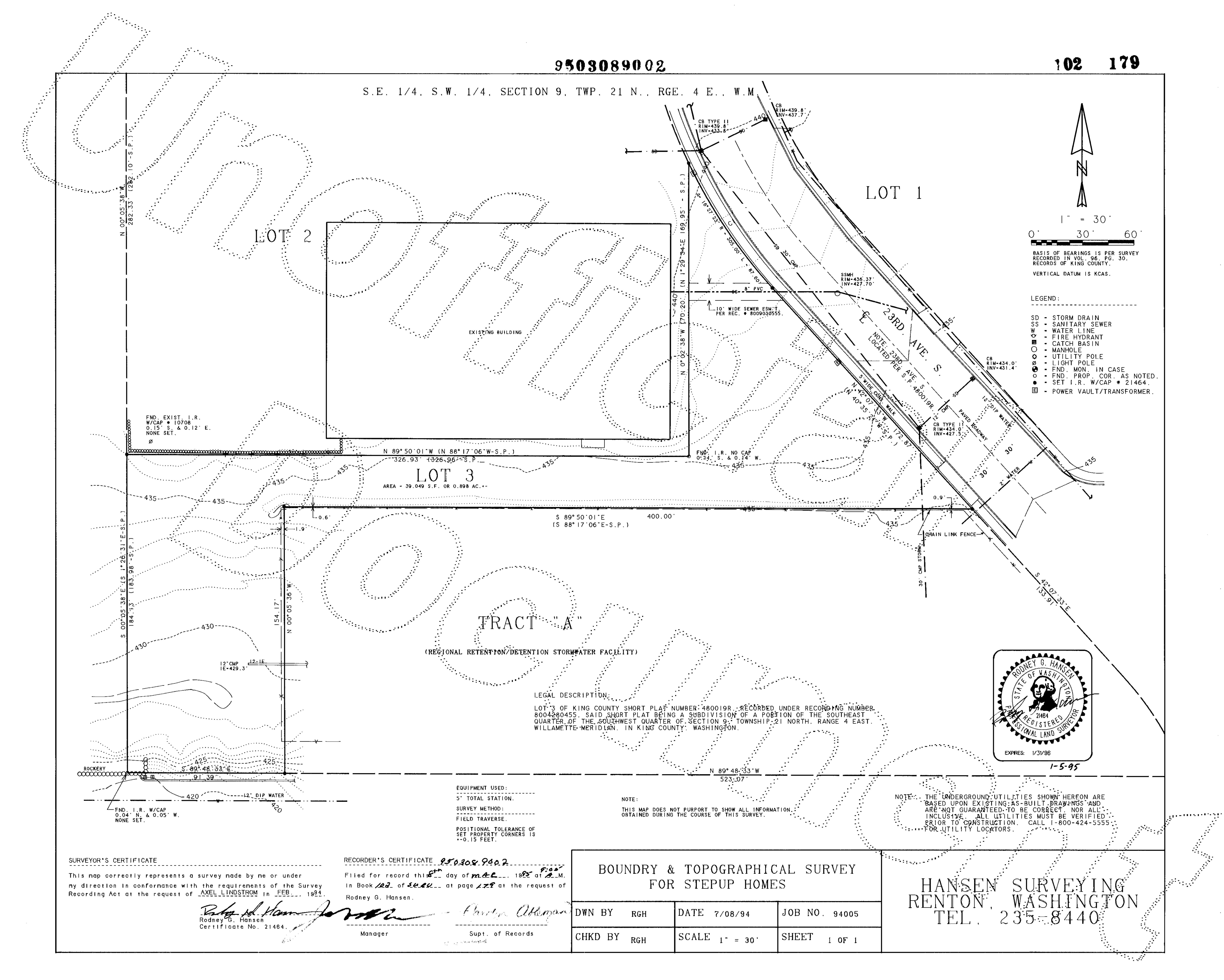
### EXHIBIT "B"

The North 250 feet of the South 500 feet of the East 200 feet of the West 489 feet of the Southeast quarter of the Southwest quarter of Section 9, Township 21 North, Range 4 East, W.M. King County, Washington.

FILED for Resembled Drive

LAKEHAVEN SEWER DISTRICT P.O. BOX 4249 FEDERAL WAY, WASH. 98003





**RETURN ADDRESS:** 

East West Bank Loan Service Department 9300 Flair Drive, 6th Floor El Monte, CA 91731



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### **DEED OF TRUST**

DATE: August 18, 2014

Reference # (if applicable): 582921

Grantor(s):

1. Winson at Federal Way LLC

Grantee(s)

1. East West Bank

2. First American Title Insurance Company, Trustee

Legal Description: LOTS 1 AND 6 AND TRACT A OF AMENDED EVERGREEN PLAZA BSP REC# 20030909000708

Additional on page ____

Additional on page ____

Assessor's Tax Parcel ID#: 242320 0050, 242320 0060, and 242320 0010

THIS DEED OF TRUST is dated August 18, 2014, among Winson at Federal Way LLC, a Washington limited liability company ("Grantor"); East West Bank, whose mailing address is Loan Servicing Department, 9300 Flair Drive, 6th Floor, El Monte, CA 91731 (referred to below sometimes as "Lender" and sometimes as "Beneficiary"); and First American Title Insurance Company, whose mailing address is 818 Stewart Street, Suite 800, Seattle, WA 98101 (referred to below as "Trustee").

Recorded at the request of FIDELITY NATIONAL TITLE MAJOR ACCOUNTS

Order # 20369453 3 85

Loan No: 582921

Page 2

CONVEYANCE AND GRANT. For valuable consideration, Grantor conveys to Trustee in trust with power of sale, right of entry and possession and for the benefit of Lender as Beneficiary, all of Grantor's right, title, and interest in and to the following described real property, together with all existing or subsequently erected or affixed buildings, improvements and fixtures; all easements, rights of way, and appurtenances; all water, water rights and ditch rights (including stock in utilities with ditch or irrigation rights); and all other rights, royalties, and profits relating to the real property, including without limitation all minerals, oil, gas, geothermal and similar matters, (the "Real Property") located in King County, State of Washington:

LOTS 1 AND 6 AND TRACT A OF AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN / PUD, RECORDED SEPTEMBER 9, 2003 UNDER RECORDING NO. 20030909000708 IN VOLUME 216, PAGES 36 TO 38, IN KING COUNTY, WASHINGTON;

EXCEPTING THEREFROM THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER KING COUNTY RECORDING NO. 20050524000385.

SITUATE IN THE CITY OF FEDERAL WAY, COUNTY OF KING, STATE OF WASHINGTON.

The DEFINITION of "Related Documents" is hereby amended to read as follows:

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, Interest Rate Derivative Documentation, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness; except that the words do not mean any guaranty or environmental agreement, whether now or hereafter existing, executed in connection with the Indebtedness.

The following DEFINITION is hereby added to the Agreement:

Interest Rate Derivative Documentation. The words "Interest Rate Derivative Documentation" mean each trade confirmation, and the international swaps and derivative association master and schedule agreement executed in connection with the Indebtedness

The Real Property or its address is commonly known as 2120 - 2210 S. 320th Street, Federal Way, WA 98003. The Real Property tax identification number is 242320 0050, 242320 0060, and 242320 0010.

Grantor hereby assigns as security to Lender, all of Grantor's right, title, and interest in and to all leases, Rents, and profits of the Property. This assignment is recorded in accordance with RCW 65.08.070; the lien created by this assignment is intended to be specific, perfected and choate upon the recording of this Deed of Trust. Lender grants to Grantor a license to collect the Rents and profits, which license may be revoked at Lender's option and shall be automatically revoked upon acceleration of all or part of the Indebtedness. In addition, Grantor grants to Lender a Uniform Commercial Code security interest in the Personal Property and Rents.

THIS DEED OF TRUST, INCLUDING THE ASSIGNMENT OF RENTS AND THE SECURITY INTEREST IN THE RENTS AND PERSONAL PROPERTY, IS GIVEN TO SECURE (A) PAYMENT OF THE INDEBTEDNESS AND (B) PERFORMANCE OF ANY AND ALL OBLIGATIONS UNDER THE NOTE, THE RELATED DOCUMENTS, AND THIS DEED OF TRUST. THIS DEED OF TRUST IS GIVEN AND ACCEPTED ON THE FOLLOWING TERMS:

PAYMENT AND PERFORMANCE. Except as otherwise provided in this Deed of Trust, Grantor shall pay to Lender all amounts secured by this Deed of Trust as they become due, and shall strictly and in a timely manner perform all of Grantor's obligations under the Note, this Deed of Trust, and the Related Documents.

POSSESSION AND MAINTENANCE OF THE PROPERTY. Grantor agrees that Grantor's possession and use of the Property shall be governed by the following provisions:

Possession and Use. Until the occurrence of an Event of Default, Grantor may (1) remain in possession and

Loan No: 582921

Page 3

control of the Property; (2) use, operate or manage the Property; and (3) collect the Rents from the Property (this privilege is a license from Lender to Grantor automatically revoked upon default). The following provisions relate to the use of the Property or to other limitations on the Property. The Real Property is not used principally for agricultural purposes.

Duty to Maintain. Grantor shall maintain the Property in tenantable condition and promptly perform all repairs, replacements, and maintenance necessary to preserve its value.

Compliance With Environmental Laws. Grantor represents and warrants to Lender that: (1) During the period of Grantor's ownership of the Property, there has been no use, generation, manufacture, storage, treatment, disposal, release or threatened release of any Hazardous Substance by any person on, under, about or from the Property; (2) Grantor has no knowledge of, or reason to believe that there has been, except as previously disclosed to and acknowledged by Lender in writing, (a) any breach or violation of any Environmental Laws, (b) any use, generation, manufacture, storage, treatment, disposal, release or threatened release of any Hazardous Substance on, under, about or from the Property by any prior owners or occupants of the Property, or (c) any actual or threatened litigation or claims of any kind by any person relating to such matters; and (3) Except as previously disclosed to and acknowledged by Lender in writing, (a) neither Grantor nor any tenant, contractor, agent or other authorized user of the Property shall use, generate, manufacture, store, treat, dispose of or release any Hazardous Substance on, under, about or from the Property; and (b) any such activity shall be conducted in compliance with all applicable federal, state, and local laws, regulations and ordinances, including without limitation all Environmental Laws. Grantor authorizes Lender and its agents to enter upon the Property to make such inspections and tests, at Grantor's expense, as Lender may deem appropriate to determine compliance of the Property with this section of the Deed of Trust. Any inspections or tests made by Lender shall be for Lender's purposes only and shall not be construed to create any responsibility or liability on the part of Lender to Grantor or to any other person. The representations and warranties contained herein are based on Grantor's due diligence in investigating the Property for Hazardous Substances. Grantor hereby (1) releases and waives any future claims against Lender for indemnity or contribution in the event Grantor becomes liable for cleanup or other costs under any such laws; and (2) agrees to indemnify, defend, and hold harmless Lender against any and all claims, losses, liabilities, damages, penalties, and expenses which Lender may directly or indirectly sustain or suffer resulting from a breach of this section of the Deed of Trust or as a consequence of any use, generation, manufacture, storage, disposal, release or threatened release occurring prior to Grantor's ownership or interest in the Property, whether or not the same was or should have been known to Grantor. The provisions of this section of the Deed of Trust, including the obligation to indemnify and defend, shall survive the payment of the Indebtedness and the satisfaction and reconveyance of the lien of this Deed of Trust and shall not be affected by Lender's acquisition of any interest in the Property, whether by foreclosure or otherwise.

Nuisance, Waste. Grantor shall not cause, conduct or permit any nuisance nor commit, permit, or suffer any stripping of or waste on or to the Property or any portion of the Property. Without limiting the generality of the foregoing, Grantor will not remove, or grant to any other party the right to remove, any timber, minerals (including oil and gas), coal, clay, scoria, soil, gravel or rock products without Lender's prior written consent.

Removal of Improvements. Grantor shall not demolish or remove any Improvements from the Real Property without Lender's prior written consent. As a condition to the removal of any Improvements, Lender may require Grantor to make arrangements satisfactory to Lender to replace such Improvements with Improvements of at least equal value

Lender's Right to Enter. Lender and Lender's agents and representatives may enter upon the Real Property at all reasonable times to attend to Lender's interests and to inspect the Real Property for purposes of Grantor's compliance with the terms and conditions of this Deed of Trust.

Compliance with Governmental Requirements. Grantor shall promptly comply, and shall promptly cause compliance by all agents, tenants or other persons or entities of every nature whatsoever who rent, lease or otherwise use or occupy the Property in any manner, with all laws, ordinances, and regulations, now or hereafter in effect, of all governmental authorities applicable to the use or occupancy of the Property, including without limitation, the Americans With Disabilities Act. Grantor may contest in good faith any such law, ordinance, or regulation and withhold compliance during any proceeding, including appropriate appeals, so long as Grantor has notified Lender in writing prior to doing so and so long as, in Lender's sole opinion, Lender's interests in the Property are not jeopardized. Lender may require Grantor to post adequate security or a surety bond, reasonably satisfactory to Lender, to protect Lender's interest.

**Duty to Protect.** Grantor agrees neither to abandon or leave unattended the Property. Grantor shall do all other acts, in addition to those acts set forth above in this section, which from the character and use of the Property are reasonably necessary to protect and preserve the Property.

DUE ON SALE - CONSENT BY LENDER. Lender may, at Lender's option. (A) declare immediately due and payable all sums secured by this Deed of Trust or (B) increase the interest rate provided for in the Note or other document evidencing the Indebtedness and impose such other conditions as Lender deems appropriate, upon the sale or transfer,

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without Lender's prior written consent, of all or any part of the Real Property, or any interest in the Real Property. A "sale or transfer" means the conveyance of Real Property or any right, title or interest in the Real Property; whether legal, beneficial or equitable; whether voluntary or involuntary; whether by outright sale, deed, installment sale contract, land contract, contract for deed, leasehold interest with a term greater than three (3) years, lease-option contract, or by sale, assignment, or transfer of any beneficial interest in or to any land trust holding title to the Real Property, or by any other method of conveyance of an interest in the Real Property. If any Grantor is a corporation, partnership or limited liability company, transfer also includes any change in ownership of more than twenty-five percent (25%) of the voting stock, partnership interests or limited liability company interests, as the case may be, of such Grantor. However, this option shall not be exercised by Lender if such exercise is prohibited by federal law or by Washington law.

TAXES AND LIENS. The following provisions relating to the taxes and liens on the Property are part of this Deed of Trust:

Payment. Grantor shall pay when due (and in all events prior to delinquency) all taxes, special taxes, assessments, charges (including water and sewer), fines and impositions levied against or on account of the Property, and shall pay when due all claims for work done on or for services rendered or material furnished to the Property. Grantor shall maintain the Property free of all liens having priority over or equal to the interest of Lender under this Deed of Trust, except for the lien of taxes and assessments not due and except as otherwise provided in this Deed of Trust.

Right to Contest. Grantor may withhold payment of any tax, assessment, or claim in connection with a good faith dispute over the obligation to pay, so long as Lender's interest in the Property is not jeopardized. If a lien arises or is filed as a result of nonpayment, Grantor shall within fifteen (15) days after the lien arises or, if a lien is filed, within fifteen (15) days after Grantor has notice of the filing, secure the discharge of the lien, or if requested by Lender, deposit with Lender cash or a sufficient corporate surety bond or other security satisfactory to Lender in an amount sufficient to discharge the lien plus any costs and attorneys' fees, or other charges that could accrue as a result of a foreclosure or sale under the lien. In any contest, Grantor shall defend itself and Lender and shall satisfy any adverse judgment before enforcement against the Property. Grantor shall name Lender as an additional obligee under any surety bond furnished in the contest proceedings.

Evidence of Payment. Grantor shall upon demand furnish to Lender satisfactory evidence of payment of the taxes or assessments and shall authorize the appropriate governmental official to deliver to Lender at any time a written statement of the taxes and assessments against the Property.

Notice of Construction. Grantor shall notify Lender at least fifteen (15) days before any work is commenced, any services are furnished, or any materials are supplied to the Property, if any mechanic's lien, materialmen's lien, or other lien could be asserted on account of the work, services, or materials and the cost exceeds \$20,000.00. Grantor will upon request of Lender furnish to Lender advance assurances satisfactory to Lender that Grantor can and will pay the cost of such improvements.

PROPERTY DAMAGE INSURANCE. The following provisions relating to insuring the Property are a part of this Deed of Trust.

Maintenance of Insurance. Grantor shall procure and maintain policies of fire insurance with standard extended coverage endorsements on a replacement basis for the full insurable value covering all Improvements on the Real Property in an amount sufficient to avoid application of any coinsurance clause, and with a standard mortgagee clause in favor of Lender. Grantor shall also procure and maintain comprehensive general liability insurance in such coverage amounts as Lender may request with Trustee and Lender being named as additional insureds in such liability insurance policies. Additionally, Grantor shall maintain such other insurance, including but not limited to hazard, business interruption, and boiler insurance, as Lender may reasonably require. Policies shall be written in form, amounts, coverages and basis reasonably acceptable to Lender and issued by a company or companies reasonably acceptable to Lender. Grantor, upon request of Lender, will deliver to Lender from time to time the policies or certificates of insurance in form satisfactory to Lender, including stipulations that coverages will not be cancelled or diminished without at least thirty (30) days prior written notice to Lender. Each insurance policy also shall include an endorsement providing that coverage in favor of Lender will not be impaired in any way by any act, omission or default of Grantor or any other person. Should the Real Property be located in an area designated by the Director of the Federal Emergency Management Agency as a special flood hazard area, Grantor agrees to obtain and maintain Federal Flood Insurance, if available, for the full unpaid principal balance of the loan and any prior liens on the property securing the loan, up to the maximum policy limits set under the National Flood Insurance Program, or as otherwise required by Lender, and to maintain such insurance for the term of the loan.

Application of Proceeds. Grantor shall promptly notify Lender of any loss or damage to the Property if the estimated cost of repair or replacement exceeds \$25,000.00. Lender may make proof of loss if Grantor fails to do so within fifteen (15) days of the casualty. Whether or not Lender's security is impaired, Lender may, at Lender's election, receive and retain the proceeds of any insurance and apply the proceeds to the reduction of the Indebtedness, payment of any lien affecting the Property, or the restoration and repair of the Property. If Lender elects to apply the proceeds to restoration and repair, Grantor shall repair or replace the damaged or destroyed

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Improvements in a manner satisfactory to Lender. Lender shall, upon satisfactory proof of such expenditure, pay or reimburse Grantor from the proceeds for the reasonable cost of repair or restoration if Grantor is not in default under this Deed of Trust. Any proceeds which have not been disbursed within 180 days after their receipt and which Lender has not committed to the repair or restoration of the Property shall be used first to pay any amount owing to Lender under this Deed of Trust, then to pay accrued interest, and the remainder, if any, shall be applied to the principal balance of the Indebtedness. If Lender holds any proceeds after payment in full of the Indebtedness, such proceeds shall be paid without interest to Grantor as Grantor's interests may appear.

Grantor's Report on Insurance. Upon request of Lender, however not more than once a year, Grantor shall furnish to Lender a report on each existing policy of insurance showing: (1) the name of the insurer; (2) the risks insured; (3) the amount of the policy; (4) the property insured, the then current replacement value of such property, and the manner of determining that value; and (5) the expiration date of the policy. Grantor shall, upon request of Lender, have an independent appraiser satisfactory to Lender determine the cash value replacement cost of the Property.

LENDER'S EXPENDITURES. If any action or proceeding is commenced that would materially affect Lender's interest in the Property or if Grantor fails to comply with any provision of this Deed of Trust or any Related Documents, including but not limited to Grantor's failure to discharge or pay when due any amounts Grantor is required to discharge or pay under this Deed of Trust or any Related Documents, Lender on Grantor's behalf may (but shall not be obligated to) take any action that Lender deems appropriate, including but not limited to discharging or paying all taxes, liens, security interests, encumbrances and other claims, at any time levied or placed on the Property and paying all costs for insuring, maintaining and preserving the Property. All such expenditures incurred or paid by Lender for such purposes will then bear interest at the rate charged under the Note from the date incurred or paid by Lender to the date of repayment by Grantor. All such expenses will become a part of the Indebtedness and, at Lender's option, will (A) be payable on demand; (B) be added to the balance of the Note and be apportioned among and be payable with any installment payments to become due during either (1) the term of any applicable insurance policy; or (2) the remaining term of the Note; or (C) be treated as a balloon payment which will be due and payable at the Note's maturity. The Deed of Trust also will secure payment of these amounts. Such right shall be in addition to all other rights and remedies to which Lender may be entitled upon Default.

WARRANTY; DEFENSE OF TITLE. The following provisions relating to ownership of the Property are a part of this Deed of Trust:

Title. Grantor warrants that: (a) Grantor holds good and marketable title of record to the Property in fee simple, free and clear of all liens and encumbrances other than those set forth in the Real Property description or in any title insurance policy, title report, or final title opinion issued in favor of, and accepted by, Lender in connection with this Deed of Trust, and (b) Grantor has the full right, power, and authority to execute and deliver this Deed of

Defense of Title. Subject to the exception in the paragraph above, Grantor warrants and will forever defend the title to the Property against the lawful claims of all persons. In the event any action or proceeding is commenced that questions Grantor's title or the interest of Trustee or Lender under this Deed of Trust, Grantor shall defend the action at Grantor's expense. Grantor may be the nominal party in such proceeding, but Lender shall be entitled to participate in the proceeding and to be represented in the proceeding by counsel of Lender's own choice, and Grantor will deliver, or cause to be delivered, to Lender such instruments as Lender may request from time to time to permit such participation.

Compliance With Laws. Grantor warrants that the Property and Grantor's use of the Property complies with all existing applicable laws, ordinances, and regulations of governmental authorities.

Survival of Representations and Warranties. All representations, warranties, and agreements made by Grantor in this Deed of Trust shall survive the execution and delivery of this Deed of Trust, shall be continuing in nature, and shall remain in full force and effect until such time as Grantor's Indebtedness shall be paid in full.

CONDEMNATION. The following provisions relating to condemnation proceedings are a part of this Deed of Trust:

Proceedings. If any proceeding in condemnation is filed, Grantor shall promptly notify Lender in writing, and Grantor shall promptly take such steps as may be necessary to defend the action and obtain the award. Grantor may be the nominal party in such proceeding, but Lender shall be entitled to participate in the proceeding and to be represented in the proceeding by counsel of its own choice all at Grantor's expense, and Grantor will deliver or cause to be delivered to Lender such instruments and documentation as may be requested by Lender from time to time to permit such participation.

Application of Net Proceeds. If all or any part of the Property is condemned by eminent domain proceedings or by any proceeding or purchase in lieu of condemnation, Lender may at its election require that all or any portion of the net proceeds of the award be applied to the Indebtedness or the repair or restoration of the Property. The net proceeds of the award shall mean the award after payment of all reasonable costs, expenses, and attorneys' fees incurred by Trustee or Lender in connection with the condemnation.

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IMPOSITION OF TAXES, FEES AND CHARGES BY GOVERNMENTAL AUTHORITIES. The following provisions relating to governmental taxes, fees and charges are a part of this Deed of Trust:

Current Taxes, Fees and Charges. Upon request by Lender, Grantor shall execute such documents in addition to this Deed of Trust and take whatever other action is requested by Lender to perfect and continue Lender's lien on the Real Property. Grantor shall reimburse Lender for all taxes, as described below, together with all expenses incurred in recording, perfecting or continuing this Deed of Trust, including without limitation all taxes, fees, documentary stamps, and other charges for recording or registering this Deed of Trust.

Taxes. The following shall constitute taxes to which this section applies: (1) a specific tax upon this type of Deed of Trust or upon all or any part of the Indebtedness secured by this Deed of Trust; (2) a specific tax on Grantor which Grantor is authorized or required to deduct from payments on the Indebtedness secured by this type of Deed of Trust; (3) a tax on this type of Deed of Trust chargeable against the Lender or the holder of the Note; and (4) a specific tax on all or any portion of the Indebtedness or on payments of principal and interest made by Grantor

Subsequent Taxes. If any tax to which this section applies is enacted subsequent to the date of this Deed of Trust, this event shall have the same effect as an Event of Default, and Lender may exercise any or all of its available remedies for an Event of Default as provided below unless Grantor either (1) pays the tax before it becomes delinquent, or (2) contests the tax as provided above in the Taxes and Liens section and deposits with Lender cash or a sufficient corporate surety bond or other security satisfactory to Lender.

SECURITY AGREEMENT; FINANCING STATEMENTS. The following provisions relating to this Deed of Trust as a security agreement are a part of this Deed of Trust:

Security Agreement. This instrument shall constitute a Security Agreement to the extent any of the Property constitutes fixtures, and Lender shall have all of the rights of a secured party under the Uniform Commercial Code as amended from time to time.

Security Interest. Upon request by Lender, Grantor shall take whatever action is requested by Lender to perfect and continue Lender's security interest in the Rents and Personal Property. In addition to recording this Deed of Trust in the real property records, Lender may, at any time and without further authorization from Grantor, file executed counterparts, copies or reproductions of this Deed of Trust as a financing statement. Grantor shall reimburse Lender for all expenses incurred in perfecting or continuing this security interest. Upon default, Grantor shall not remove, sever or detach the Personal Property from the Property. Upon default, Grantor shall assemble any Personal Property not affixed to the Property in a manner and at a place reasonably convenient to Grantor and Lender and make it available to Lender within three (3) days after receipt of written demand from Lender to the extent permitted by applicable law.

Addresses. The mailing addresses of Grantor (debtor) and Lender (secured party) from which information concerning the security interest granted by this Deed of Trust may be obtained (each as required by the Uniform Commercial Code) are as stated on the first page of this Deed of Trust.

FURTHER ASSURANCES; ATTORNEY-IN-FACT. The following provisions relating to further assurances and attorney-in-fact are a part of this Deed of Trust:

Further Assurances. At any time, and from time to time, upon request of Lender, Grantor will make, execute and deliver, or will cause to be made, executed or delivered, to Lender or to Lender's designee, and when requested by Lender, cause to be filed, recorded, refiled, or rerecorded, as the case may be, at such times and in such offices and places as Lender may deem appropriate, any and all such mortgages, deeds of trust, security deeds, security agreements, financing statements, continuation statements, instruments of further assurance, certificates, and other documents as may, in the sole opinion of Lender, be necessary or desirable in order to effectuate, complete, perfect, continue, or preserve (1) Grantor's obligations under the Note, this Deed of Trust, and the Related Documents, and (2) the liens and security interests created by this Deed of Trust as first and prior liens on the Property, whether now owned or hereafter acquired by Grantor. Unless prohibited by law or Lender agrees to the contrary in writing, Grantor shall reimburse Lender for all costs and expenses incurred in connection with the matters referred to in this paragraph.

Attorney-in-Fact. If Grantor fails to do any of the things referred to in the preceding paragraph, Lender may do so for and in the name of Grantor and at Grantor's expense. For such purposes, Grantor hereby irrevocably appoints Lender as Grantor's attorney-in-fact for the purpose of making, executing, delivering, filing, recording, and doing all other things as may be necessary or desirable, in Lender's sole opinion, to accomplish the matters referred to in the preceding paragraph.

FULL PERFORMANCE. If Grantor pays all the Indebtedness when due, and otherwise performs all the obligations imposed upon Grantor under this Deed of Trust, Lender shall execute and deliver to Trustee a request for full reconveyance and shall execute and deliver to Grantor suitable statements of termination of any financing statement on file evidencing Lender's security interest in the Rents and the Personal Property. Any reconveyance fee shall be paid by

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Grantor, if permitted by applicable law. The grantee in any reconveyance may be described as the "person or persons legally entitled thereto", and the recitals in the reconveyance of any matters or facts shall be conclusive proof of the truthfulness of any such matters or facts.

EVENTS OF DEFAULT. Each of the following, at Lender's option, shall constitute an Event of Default under this Deed of Trust:

Payment Default. Grantor fails to make any payment when due under the Indebtedness.

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Other Defaults. Grantor fails to comply with or to perform any other term, obligation, covenant or condition contained in this Deed of Trust or in any of the Related Documents or to comply with or to perform any term, obligation, covenant or condition contained in any other agreement between Lender and Grantor.

Compliance Default. Failure to comply with any other term, obligation, covenant or condition contained in this Deed of Trust, the Note or in any of the Related Documents.

**Default on Other Payments.** Failure of Grantor within the time required by this Deed of Trust to make any payment for taxes or insurance, or any other payment necessary to prevent filing of or to effect discharge of any lien.

Environmental Default. Failure of any party to comply with or perform when due any term, obligation, covenant or condition contained in any environmental agreement executed in connection with the Property.

**Default in Favor of Third Parties.** Should Grantor default under any loan, extension of credit, security agreement, purchase or sales agreement, or any other agreement, in favor of any other creditor or person that may materially affect any of Grantor's property or Grantor's ability to repay the Indebtedness or Grantor's ability to perform Grantor's obligations under this Deed of Trust or any of the Related Documents.

False Statements. Any warranty, representation or statement made or furnished to Lender by Grantor or on Grantor's behalf under this Deed of Trust or the Related Documents is false or misleading in any material respect, either now or at the time made or furnished or becomes false or misleading at any time thereafter.

Defective Collateralization. This Deed of Trust or any of the Related Documents ceases to be in full force and effect (including failure of any collateral document to create a valid and perfected security interest or lien) at any time and for any reason.

Death or Insolvency. The dissolution of Grantor's (regardless of whether election to continue is made), any member withdraws from the limited liability company, or any other termination of Grantor's existence as a going business or the death of any member, the insolvency of Grantor, the appointment of a receiver for any part of Grantor's property, any assignment for the benefit of creditors, any type of creditor workout, or the commencement of any proceeding under any bankruptcy or insolvency laws by or against Grantor.

Creditor or Forfeiture Proceedings. Commencement of foreclosure or forfeiture proceedings, whether by judicial proceeding, self-help, repossession or any other method, by any creditor of Grantor or by any governmental agency against any property securing the Indebtedness. This includes a garnishment of any of Grantor's accounts, including deposit accounts, with Lender. However, this Event of Default shall not apply if there is a good faith dispute by Grantor as to the validity or reasonableness of the claim which is the basis of the creditor or forfeiture proceeding and if Grantor gives Lender written notice of the creditor or forfeiture proceeding and deposits with Lender monies or a surety bond for the creditor or forfeiture proceeding, in an amount determined by Lender, in its sole discretion, as being an adequate reserve or bond for the dispute.

Breach of Other Agreement. Any breach by Grantor under the terms of any other agreement between Grantor and Lender that is not remedied within any grace period provided therein, including without limitation any agreement concerning any indebtedness or other obligation of Grantor to Lender, whether existing now or later.

Events Affecting Guarantor. Any of the preceding events occurs with respect to any Guarantor of any of the Indebtedness or any Guarantor dies or becomes incompetent, or revokes or disputes the validity of, or liability under, any Guaranty of the Indebtedness.

Adverse Change. A material adverse change occurs in Grantor's financial condition, or Lender believes the prospect of payment or performance of the Indebtedness is impaired.

Right to Cure. If any default, other than a default in payment is curable and if Grantor has not been given a notice of a breach of the same provision of this Deed of Trust within the preceding twelve (12) months, it may be cured if Grantor, after Lender sends written notice to Grantor demanding cure of such default: (1) cures the default within fifteen (15) days; or (2) if the cure requires more than fifteen (15) days, immediately initiates steps which Lender deems in Lender's sole discretion to be sufficient to cure the default and thereafter continues and completes all reasonable and necessary steps sufficient to produce compliance as soon as reasonably practical.

RIGHTS AND REMEDIES ON DEFAULT. If an Event of Default occurs under this Deed of Trust, at any time thereafter, Trustee or Lender may exercise any one or more of the following rights and remedies:

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Election of Remedies. Election by Lender to pursue any remedy shall not exclude pursuit of any other remedy, and an election to make expenditures or to take action to perform an obligation of Grantor under this Deed of Trust, after Grantor's failure to perform, shall not affect Lender's right to declare a default and exercise its remedies.

Accelerate Indebtedness. Lender shall have the right at its option to declare the entire Indebtedness immediately due and payable, including any prepayment penalty which Grantor would be required to pay.

Foreclosure. With respect to all or any part of the Real Property, the Trustee shall have the right to exercise its power of sale and to foreclose by notice and sale, and Lender shall have the right to foreclose by judicial foreclosure, in either case in accordance with and to the full extent provided by applicable law.

UCC Remedies. With respect to all or any part of the Personal Property, Lender shall have all the rights and remedies of a secured party under the Uniform Commercial Code.

Collect Rents. Lender shall have the right, without notice to Grantor to take possession of and manage the Property and collect the Rents, including amounts past due and unpaid, and apply the net proceeds, over and above Lender's costs, against the Indebtedness. In furtherance of this right, Lender may require any tenant or other user of the Property to make payments of rent or use fees directly to Lender. If the Rents are collected by Lender, then Grantor irrevocably designates Lender as Grantor's attorney-in-fact to endorse instruments received in payment thereof in the name of Grantor and to negotiate the same and collect the proceeds. Payments by tenants or other users to Lender in response to Lender's demand shall satisfy the obligations for which the payments are made, whether or not any proper grounds for the demand existed. Lender may exercise its rights under this subparagraph either in person, by agent, or through a receiver.

Appoint Receiver. Lender shall have the right to have a receiver appointed to take possession of all or any part of the Property, with the power to protect and preserve the Property, to operate the Property preceding or pending foreclosure or sale, and to collect the Rents from the Property and apply the proceeds, over and above the cost of the receivership, against the Indebtedness. The receiver may serve without bond if permitted by law. Lender's right to the appointment of a receiver shall exist whether or not the apparent value of the Property exceeds the Indebtedness by a substantial amount. Employment by Lender shall not disqualify a person from serving as a receiver.

Tenancy at Sufferance. If Grantor remains in possession of the Property after the Property is sold as provided above or Lender otherwise becomes entitled to possession of the Property upon default of Grantor, Grantor shall become a tenant at sufferance of Lender or the purchaser of the Property and shall, at Lender's option, either (1) pay a reasonable rental for the use of the Property, or (2) vacate the Property immediately upon the demand of Lender.

Other Remedies. Trustee or Lender shall have any other right or remedy provided in this Deed of Trust or the Note or available at law or in equity.

Notice of Sale. Lender shall give Grantor reasonable notice of the time and place of any public sale of the Personal Property or of the time after which any private sale or other intended disposition of the Personal Property is to be made. Reasonable notice shall mean notice given at least ten (10) days before the time of the sale or disposition. Any sale of the Personal Property may be made in conjunction with any sale of the Real Property.

Sale of the Property. To the extent permitted by applicable law, Grantor hereby waives any and all rights to have the Property marshalled. In exercising its rights and remedies, the Trustee or Lender shall be free to sell all or any part of the Property together or separately, in one sale or by separate sales. Lender shall be entitled to bid at any public sale on all or any portion of the Property.

Attorneys' Fees; Expenses. If Lender institutes any suit or action to enforce any of the terms of this Deed of Trust, Lender shall be entitled to recover such sum as the court may adjudge reasonable as attorneys' fees at trial and upon any appeal. Whether or not any court action is involved, and to the extent not prohibited by law, all reasonable expenses Lender incurs that in Lender's opinion are necessary at any time for the protection of its interest or the enforcement of its rights shall become a part of the Indebtedness payable on demand and shall bear interest at the Note rate from the date of the expenditure until repaid. Expenses covered by this paragraph include, without limitation, however subject to any limits under applicable law, Lender's attorneys' fees and Lender's legal expenses, whether or not there is a lawsuit, including attorneys' fees and expenses for bankruptcy proceedings (including efforts to modify or vacate any automatic stay or injunction), appeals, and any anticipated post-judgment collection services, the cost of searching records, obtaining title reports (including foreclosure reports), surveyors' reports, and appraisal fees, title insurance, and fees for the Trustee, to the extent permitted by applicable law. Grantor also will pay any court costs, in addition to all other sums provided by law.

Rights of Trustee. Trustee shall have all of the rights and duties of Lender as set forth in this section.

**POWERS AND OBLIGATIONS OF TRUSTEE.** The following provisions relating to the powers and obligations of Trustee (pursuant to Lender's instructions) are part of this Deed of Trust:

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Powers of Trustee. In addition to all powers of Trustee arising as a matter of law, Trustee shall have the power to take the following actions with respect to the Property upon the written request of Lender and Grantor: (a) join in preparing and filing a map or plat of the Real Property, including the dedication of streets or other rights to the public; (b) join in granting any easement or creating any restriction on the Real Property; and (c) join in any subordination or other agreement affecting this Deed of Trust or the interest of Lender under this Deed of Trust.

Obligations to Notify. Trustee shall not be obligated to notify any other party of a pending sale under any other trust deed or lien, or of any action or proceeding in which Grantor, Lender, or Trustee shall be a party, unless required by applicable law, or unless the action or proceeding is brought by Trustee.

**Trustee.** Trustee shall meet all qualifications required for Trustee under applicable law. In addition to the rights and remedies set forth above, with respect to all or any part of the Property, the Trustee shall have the right to foreclose by notice and sale, and Lender shall have the right to foreclose by judicial foreclosure, in either case in accordance with and to the full extent provided by applicable law.

Successor Trustee. Lender, at Lender's option, may from time to time appoint a successor Trustee to any Trustee appointed under this Deed of Trust by an instrument executed and acknowledged by Lender and recorded in the office of the recorder of King County, State of Washington. The instrument shall contain, in addition to all other matters required by state law, the names of the original Lender, Trustee, and Grantor, the book and page or the Auditor's File Number where this Deed of Trust is recorded, and the name and address of the successor trustee, and the instrument shall be executed and acknowledged by Lender or its successors in interest. The successor trustee, without conveyance of the Property, shall succeed to all the title, power, and duties conferred upon the Trustee in this Deed of Trust and by applicable law. This procedure for substitution of Trustee shall govern to the exclusion of all other provisions for substitution.

NOTICES. Subject to applicable law, and except for notice required or allowed by law to be given in another manner, any notice required to be given under this Deed of Trust, including without limitation any notice of default and any notice of sale shall be given in writing, and shall be effective when actually delivered, when actually received by telefacsimile (unless otherwise required by law), when deposited with a nationally recognized overnight courier, or, if mailed, when deposited in the United States mail, as first class, certified or registered mail postage prepaid, directed to the addresses shown near the beginning of this Deed of Trust. All copies of notices of foreclosure from the holder of any lien which has priority over this Deed of Trust shall be sent to Lender's address, as shown near the beginning of this Deed of Trust. Any party may change its address for notices under this Deed of Trust by giving formal written notice to the other parties, specifying that the purpose of the notice is to change the party's address. For notice purposes, Grantor agrees to keep Lender informed at all times of Grantor's current address. Subject to applicable law, and except for notice required or allowed by law to be given in another manner, if there is more than one Grantor, any notice given by Lender to any Grantor is deemed to be notice given to all Grantors.

CHOICE OF VENUE. If there is a lawsuit, Borrower agrees upon Lender's request to submit to the Jurisdiction of the court of King County, State of Washington.

**COUNTERPART PROVISION.** This document may be signed in any number of counterparts, which, when delivered in the original to Lender, shall together constitute one original document.

MISCELLANEOUS PROVISIONS. The following miscellaneous provisions are a part of this Deed of Trust:

Amendments. This Deed of Trust, together with any Related Documents, constitutes the entire understanding and agreement of the parties as to the matters set forth in this Deed of Trust. No alteration of or amendment to this Deed of Trust shall be effective unless given in writing and signed by the party or parties sought to be charged or bound by the alteration or amendment.

Annual Reports. If the Property is used for purposes other than Grantor's residence, Grantor shall furnish to Lender, upon request, a certified statement of net operating income received from the Property during Grantor's previous fiscal year in such form and detail as Lender shall require. "Net operating income" shall mean all cash receipts from the Property less all cash expenditures made in connection with the operation of the Property.

Caption Headings. Caption headings in this Deed of Trust are for convenience purposes only and are not to be used to interpret or define the provisions of this Deed of Trust.

Merger. There shall be no merger of the interest or estate created by this Deed of Trust with any other interest or estate in the Property at any time held by or for the benefit of Lender in any capacity, without the written consent of Lender.

Governing Law. This Deed of Trust will be governed by federal law applicable to Lender and, to the extent not preempted by federal law, the laws of the State of Washington without regard to its conflicts of law provisions. This Deed of Trust has been accepted by Lender in the State of Washington.

No Waiver by Lender. Lender shall not be deemed to have waived any rights under this Deed of Trust unless such waiver is given in writing and signed by Lender. No delay or omission on the part of Lender in exercising any right

Loan No: 582921

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shall operate as a waiver of such right or any other right. A waiver by Lender of a provision of this Deed of Trust shall not prejudice or constitute a waiver of Lender's right otherwise to demand strict compliance with that provision or any other provision of this Deed of Trust. No prior waiver by Lender, nor any course of dealing between Lender and Grantor, shall constitute a waiver of any of Lender's rights or of any of Grantor's obligations as to any future transactions. Whenever the consent of Lender is required under this Deed of Trust, the granting of such consent by Lender in any instance shall not constitute continuing consent to subsequent instances where such consent is required and in all cases such consent may be granted or withheld in the sole discretion of Lender.

Severability. If a court of competent jurisdiction finds any provision of this Deed of Trust to be illegal, invalid, or unenforceable as to any circumstance, that finding shall not make the offending provision illegal, invalid, or unenforceable as to any other circumstance. If feasible, the offending provision shall be considered modified so that it becomes legal, valid and enforceable. If the offending provision cannot be so modified, it shall be considered deleted from this Deed of Trust. Unless otherwise required by law, the illegality, invalidity, or unenforceability of any provision of this Deed of Trust shall not affect the legality, validity or enforceability of any other provision of this Deed of Trust.

Successors and Assigns. Subject to any limitations stated in this Deed of Trust on transfer of Grantor's interest, this Deed of Trust shall be binding upon and inure to the benefit of the parties, their successors and assigns. If ownership of the Property becomes vested in a person other than Grantor, Lender, without notice to Grantor, deal with Grantor's successors with reference to this Deed of Trust and the Indebtedness by way of forbearance or extension without releasing Grantor from the obligations of this Deed of Trust or liability under the Indebtedness.

Time is of the Essence. Time is of the essence in the performance of this Deed of Trust.

Waive Jury. All parties to this Deed of Trust hereby waive the right to any jury trial in any action, proceeding, or counterclaim brought by any party against any other party.

Waiver of Homestead Exemption. Grantor hereby releases and waives all rights and benefits of the homestead exemption laws of the State of Washington as to all Indebtedness secured by this Deed of Trust.

DEFINITIONS. The following capitalized words and terms shall have the following meanings when used in this Deed of Trust. Unless specifically stated to the contrary, all references to dollar amounts shall mean amounts in lawful money of the Unitod States of America. Words and terms used in the singular shall include the plural, and the plural shall include the singular, as the context may require. Words and terms not otherwise defined in this Deed of Trust shall have the meanings attributed to such terms in the Uniform Commercial Code:

Beneficiary. The word "Beneficiary" means East West Bank, and its successors and assigns.

Borrower. The word "Borrower" means Winson at Federal Way LLC and includes all co-signers and co-makers signing the Note and all their successors and assigns.

Deed of Trust. The words "Deed of Trust" mean this Deed of Trust among Grantor, Lender, and Trustee, and includes without limitation all assignment and security interest provisions relating to the Personal Property and Rents.

Default. The word "Default" means the Default set forth in this Deed of Trust in the section titled "Default".

Environmental Laws. The words "Environmental Laws" mean any and all state, federal and local statutes, regulations and ordinances relating to the protection of human health or the environment, including without limitation the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. Section 9601, et seq. ("CERCLA"), the Superfund Amendments and Reauthorization Act of 1986, Pub. L. No. 99-499 ("SARA"), the Hazardous Materials Transportation Act, 49 U.S.C. Section 1801, et seq., the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901, et seq., or other applicable state or federal laws, rules, or regulations adopted pursuant thereto.

Event of Default. The words "Event of Default" mean any of the events of default set forth in this Deed of Trust in the events of default section of this Deed of Trust.

Grantor. The word "Grantor" means Winson at Federal Way LLC.

Guarantor. The word "Guarantor" means any guarantor, surety, or accommodation party of any or all of the Indebtedness.

Guaranty. The word "Guaranty" means the guaranty from Guarantor to Lender, including without limitation a guaranty of all or part of the Note.

Hazardous Substances. The words "Hazardous Substances" mean materials that, because of their quantity, concentration or physical, chemical or infectious characteristics, may cause or pose a present or potential hazard to human health or the environment when improperly used, treated, stored, disposed of, generated, manufactured, transported or otherwise handled. The words "Hazardous Substances" are used in their very broadest sense and include without limitation any and all hazardous or toxic substances, materials or waste as defined by or listed

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under the Environmental Laws. The term "Hazardous Substances" also includes, without limitation, petroleum and petroleum by-products or any fraction thereof and asbestos.

**Improvements.** The word "Improvements" means all existing and future improvements, buildings, structures, mobile homes affixed on the Real Property, facilities, additions, replacements and other construction on the Real Property.

Indebtedness. The word "Indebtedness" means all principal, interest, and other amounts, costs and expenses payable under the Note or Related Documents, together with all renewals of, extensions of, modifications of, consolidations of and substitutions for the Note or Related Documents and any amounts expended or advanced by Lender to discharge Grantor's obligations or expenses incurred by Trustee or Lender to enforce Grantor's obligations under this Deed of Trust, together with interest on such amounts as provided in this Deed of Trust.

Lender. The word "Lender" means East West Bank, its successors and assigns.

Note. The word "Note" means the promissory note dated August 18, 2014, in the original principal amount of \$7,700,000.00 from Grantor to Lender, together with all renewals of, extensions of, modifications of, refinancings of, consolidations of, and substitutions for the promissory note or agreement. NOTICE TO GRANTOR: THE NOTE CONTAINS A VARIABLE INTEREST RATE.

**Personal Property.** The words "Personal Property" mean all equipment, fixtures, and other articles of personal property now or hereafter owned by Grantor, and now or hereafter attached or affixed to the Real Property; together with all accessions, parts, and additions to, all replacements of, and all substitutions for, any of such property; and together with all issues and profits thereon and proceeds (including without limitation all insurance proceeds and refunds of premiums) from any sale or other disposition of the Property.

Property. The word "Property" means collectively the Real Property and the Personal Property.

Real Property. The words "Real Property" mean the real property, interests and rights, as further described in this Deed of Trust.

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, environmental agreements, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness; provided, that guaranties are not "Related Documents" and are not secured by this Deed of Trust.

Rents. The word "Rents" means all present and future rents, revenues, income, issues, royalties, profits, and other benefits derived from the Property.

Trustee. The word "Trustee" means First American Title Insurance Company, whose mailing address is 818 Stewart Street, Suite 800, Seattle, WA 98101 and any substitute or successor trustees.

GRANTOR ACKNOWLEDGES HAVING READ ALL THE PROVISIONS OF THIS DEED OF TRUST, AND GRANTOR AGREES TO ITS TERMS.

GRANTOR:

Loan No: 582921

WINSON AT FEDERAL WAY, LLC

Wer Zhang, Member/Menager of Winson at Federal Way LLC

By:

Jenny Shih, Mahage of Winson at Federel-Way LLC

### DEED OF TRUST (Continued)

Loan No: 582921

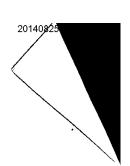
LIMITED LIABILITY COMPANY ACKNOWLEDGMENT **Notary Public** STATE OF Washington State of Washington ANNA L CELICH My Appointment Expires Apr 27, 2015 COUNTY OF , before me, the undersigned On this day of Notary Public, personally appeared Wei Zhang, Member/Manager of Winson at Federal Way LLC, and personally known to me or proved to me on the basis of satisfactory evidence to be a member or designated agent of the limited liability company that executed the Deed of Trust and acknowledged the Deed of Trust to be the free and voluntary act and deed of the limited liability company, by authority of statute, its articles of organization or its operating agreement, for the uses and purposes therein mentioned, and on oath stated that he or she is authorized to execute this Deed of Trust and in act executed the Deed of Trust on behalf of the limited liability company. Residing at Settle My commission expires 4/27Notary Public in and for the State of Wa LIMITED LIABILITY COMPANY ACKNOWLEDGMENT STATE OF Washington **Notary Public** State of Washington ANNA L CELICH COUNTY OF ___ My Appointment Expires Apr 27, 2015 day of On this Notary Public, personally appeared Jenny Shih, Manager of Winson at Federal Way LLC, and personally known to me or proved to me on the basis of satisfactory evidence to be a member or designated agent of the limited liability company that executed the Deed of Trust and acknowledged the Deed of Trust to be the free and voluntary act and deed of the limited liability company, by authority of statute, its articles of organization or its operating agreement, for the uses and purposes therein mentioned, and on oath stated that he or she is authorized to execute this Deed of Trust and in fact executed the Deed of Trust on behalf of the limited liability company. Residing at Seattle

My commission expires 4/27/16 Notary Public in and for the State of Wa REQUEST FOR FULL RECONVEYANCE , Trustee The undersigned is the legal owner and holder of all indebtedness secured by this Deed of Trust. You are hereby requested, upon payment of all sums owing to you, to reconvey without warranty, to the persons entitled thereto, the right, title and interest now held by you under the Deed of Trust. Date: Beneficiary:

# DEED OF TRUST (Continued)

Loan No: 582921

LASER PRO Lending, Ver. 14.1.0.009 Copr. Harland Financial Solutions, Inc. 1997, 2014. All Rights Reserved. - WA F:\PROD\LOANDOC\CF\\LPL\G01.FC TR-20485 PR-161



**RETURN ADDRESS:** 

East West Bank Loan Service Department 9300 Flair Drive, 6th Floor El Monte, CA 91731



#### **ASSIGNMENT OF RENTS**

Reference # (if applicable): 582921

Grantor(s):

1. Winson at Federal Way LLC

Grantee(s)

1. East West Bank

Legal Description: LOTS 1 AND 6 AND TRACT A OF AMENDED EVERGREEN PLAZA BSP

REC# 20030909000708

Additional on page ____

Additional on page __

Assessor's Tax Parcel ID#: 242320 0050, 242320 0060, and 242320 0010

THIS ASSIGNMENT OF RENTS dated August 18, 2014, is made and executed between Winson at Federal Way LLC, a Washington limited liability company (referred to below as "Grantor") and East West Bank, whose mailing address is 9300 Flair Drive, 6th Floor, El Monte, CA 91731 (referred to below as "Lender").

Recorded at the request of FIDELITY NATIONAL TITLE MAJOR ACCOUNTS

Order # 20369453 8179

### ASSIGNMENT OF RENTS (Continued)

ASSIGNMENT. For valuable consideration, Grantor hereby assigns, grants a continuing security interest in, and conveys to Lender all of Grantor's right, title, and interest in and to the Rents from the following described Property located in King County, State of Washington:

LOTS 1 AND 6 AND TRACT A OF AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN / PUD, RECORDED SEPTEMBER 9, 2003 UNDER RECORDING NO. 20030909000708 IN VOLUME 216, PAGES 36 TO 38, IN KING COUNTY, WASHINGTON;

EXCEPTING THEREFROM THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER KING COUNTY RECORDING NO. 20050524000385.

SITUATE IN THE CITY OF FEDERAL WAY, COUNTY OF KING, STATE OF WASHINGTON.

#### The DEFINITION of "Related Documents" is hereby amended to read as follows:

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, Interest Rate Derivative Documentation, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness; except that the words do not mean any guaranty or environmental agreement, whether now or hereafter existing, executed in connection with the Indebtedness.

#### The following DEFINITION is hereby added to the Agreement:

Loan No: 582921

Interest Rate Derivative Documentation. The words "Interest Rate Derivative Documentation" mean each trade confirmation, and the international swaps and derivative association master and schedule agreement executed in connection with the Indebtedness

The Property or its address is commonly known as 2120 - 2210 S. 320th Street, Federal Way, WA 98003. The Property tax identification number is 242320 0050, 242320 0060, and 242320 0010.

THIS ASSIGNMENT IS GIVEN TO SECURE (1) PAYMENT OF THE INDEBTEDNESS AND (2) PERFORMANCE OF ANY AND ALL OBLIGATIONS OF GRANTOR UNDER THE NOTE, THIS ASSIGNMENT, AND THE RELATED DOCUMENTS. THIS ASSIGNMENT IS GIVEN AND ACCEPTED ON THE FOLLOWING TERMS:

PAYMENT AND PERFORMANCE. Except as otherwise provided in this Assignment or any Related Documents, Grantor shall pay to Lender all amounts secured by this Assignment as they become due, and shall strictly perform all of Grantor's obligations under this Assignment. Unless and until Lender exercises its right to collect the Rents as provided below and so long as there is no default under this Assignment, Grantor may remain in possession and control of and operate and manage the Property and collect the Rents, provided that the granting of the right to collect the Rents shall not constitute Lender's consent to the use of cash collateral in a bankruptcy proceeding.

#### GRANTOR'S REPRESENTATIONS AND WARRANTIES. Grantor warrants that:

Ownership. Grantor is entitled to receive the Rents free and clear of all rights, loans, liens, encumbrances, and claims except as disclosed to and accepted by Lender in writing.

Right to Assign. Grantor has the full right, power and authority to enter into this Assignment and to assign and convey the Rents to Lender.

No Prior Assignment. Grantor has not previously assigned or conveyed the Rents to any other person by any instrument now in force.

No Further Transfer. Grantor will not sell, assign, encumber, or otherwise dispose of any of Grantor's rights in the Rents except as provided in this Assignment.

### ASSIGNMENT OF RENTS (Continued)

Loan No: 582921

**LENDER'S RIGHT TO RECEIVE AND COLLECT RENTS.** Lender shall have the right at any time, and even though no default shall have occurred under this Assignment, to collect and receive the Rents. For this purpose, Lender is hereby given and granted the following rights, powers and authority:

Notice to Tenants. Lender may send notices to any and all tenants of the Property advising them of this Assignment and directing all Rents to be paid directly to Lender or Lender's agent.

Enter the Property. Lender may enter upon and take possession of the Property; demand, collect and receive from the tenants or from any other persons liable therefor, all of the Rents; institute and carry on all legal proceedings necessary for the protection of the Property, including such proceedings as may be necessary to recover possession of the Property; collect the Rents and remove any tenant or tenants or other persons from the Property.

Maintain the Property. Lender may enter upon the Property to maintain the Property and keep the same in repair; to pay the costs thereof and of all services of all employees, including their equipment, and of all continuing costs and expenses of maintaining the Property in proper repair and condition, and also to pay all taxes, assessments and water utilities, and the premiums on fire and other insurance effected by Lender on the Property.

Compliance with Laws. Lender may do any and all things to execute and comply with the laws of the State of Washington and also all other laws, rules, orders, ordinances and requirements of all other governmental agencies affecting the Property.

Lease the Property. Lender may rent or lease the whole or any part of the Property for such term or terms and on such conditions as Lender may deem appropriate.

Employ Agents. Lender may engage such agent or agents as Lender may deem appropriate, either in Lender's name or in Grantor's name, to rent and manage the Property, including the collection and application of Rents.

Other Acts. Lender may do all such other things and acts with respect to the Property as Lender may deem appropriate and may act exclusively and solely in the place and stead of Grantor and to have all of the powers of Grantor for the purposes stated above.

No Requirement to Act. Lender shall not be required to do any of the foregoing acts or things, and the fact that Lender shall have performed one or more of the foregoing acts or things shall not require Lender to do any other specific act or thing.

APPLICATION OF RENTS. All costs and expenses incurred by Lender in connection with the Property shall be for Grantor's account and Lender may pay such costs and expenses from the Rents. Lender, in its sole discretion, shall determine the application of any and all Rents received by it; however, any such Rents received by Lender which are not applied to such costs and expenses shall be applied to the Indebtedness. All expenditures made by Lender under this Assignment and not reimbursed from the Rents shall become a part of the Indebtedness secured by this Assignment, and shall be payable on demand, with interest at the Note rate from date of expenditure until paid.

FULL PERFORMANCE. If Grantor pays all of the Indebtedness when due and otherwise performs all the obligations imposed upon Grantor under this Assignment, the Note, and the Related Documents, Lender shall execute and deliver to Grantor a suitable satisfaction of this Assignment and suitable statements of termination of any financing statement on file evidencing Lender's security interest in the Rents and the Property. Any termination fee required by law shall be paid by Grantor, if permitted by applicable law.

LENDER'S EXPENDITURES. If any action or proceeding is commenced that would materially affect Lender's interest in the Property or if Grantor fails to comply with any provision of this Assignment or any Related Documents, including but not limited to Grantor's failure to discharge or pay when due any amounts Grantor is required to discharge or pay under this Assignment or any Related Documents, Lender on Grantor's behalf may (but shall not be obligated to) take any action that Lender deems appropriate, including but not limited to discharging or paying all taxes, liens, security interests, encumbrances and other claims, at any time levied or placed on the Rents or the Property and paying all costs for insuring, maintaining and preserving the Property. All such expenditures incurred or paid by Lender for such purposes will then bear interest at the rate charged under the Note from the date incurred or paid by Lender to the date of repayment by Grantor. All such expenses will become a part of the Indebtedness and, at Lender's option, will (A) be payable on demand; (B) be added to the balance of the Note and be apportioned among and be payable with any installment payments to become due during either (1) the term of any applicable insurance policy; or (2) the remaining term of the Note; or (C) be treated as a balloon payment which will be due and payable at the Note's maturity. The Assignment also will secure payment of these amounts. Such right shall be in addition to all other rights and remedies to which Lender may be entitled upon Default.

DEFAULT. Each of the following, at Lender's option, shall constitute an Event of Default under this Assignment:

Payment Default. Grantor fails to make any payment when due under the Indebtedness.

Other Defaults. Grantor fails to comply with or to perform any other term, obligation, covenant or condition contained in this Assignment or in any of the Related Documents or to comply with or to perform any term, obligation, covenant or condition contained in any other agreement between Lender and Grantor.

### ASSIGNMENT OF RENTS (Continued)

Loan No: 582921

Default on Other Payments. Failure of Grantor within the time required by this Assignment to make any payment for taxes or insurance, or any other payment necessary to prevent filling of or to effect discharge of any lien.

Default in Favor of Third Parties. Any guarantor or Grantor defaults under any loan, extension of credit, security agreement, purchase or sales agreement, or any other agreement, in favor of any other creditor or person that may materially affect any of any guarantor's or Grantor's property or ability to perform their respective obligations under this Assignment or any of the Related Documents.

Environmental Default. Failure of any party to comply with or perform when due any term, obligation, covenant or condition contained in any environmental agreement executed in connection with the Property.

False Statements. Any warranty, representation or statement made or furnished to Lender by Grantor or on Grantor's behalf under this Assignment or the Related Documents is false or misleading in any material respect, either now or at the time made or furnished or becomes false or misleading at any time thereafter.

Defective Collateralization. This Assignment or any of the Related Documents ceases to be in full force and effect (including failure of any collateral document to create a valid and perfected security interest or lien) at any time and for any reason.

Death or Insolvency. The dissolution of Grantor's (regardless of whether election to continue is made), any member withdraws from the limited liability company, or any other termination of Grantor's existence as a going business or the death of any member, the insolvency of Grantor, the appointment of a receiver for any part of Grantor's property, any assignment for the benefit of creditors, any type of creditor workout, or the commencement of any proceeding under any bankruptcy or insolvency laws by or against Grantor.

Creditor or Forfeiture Proceedings. Commencement of foreclosure or forfeiture proceedings, whether by judicial proceeding, self-help, repossession or any other method, by any creditor of Grantor or by any governmental agency against the Rents or any property securing the Indebtedness. This includes a garnishment of any of Grantor's accounts, including deposit accounts, with Lender. However, this Event of Default shall not apply if there is a good faith dispute by Grantor as to the validity or reasonableness of the claim which is the basis of the creditor or forfeiture proceeding and if Grantor gives Lender written notice of the creditor or forfeiture proceeding and deposits with Lender monies or a surety bond for the creditor or forfeiture proceeding, in an amount determined by Lender, in its sole discretion, as being an adequate reserve or bond for the dispute.

Property Damage or Loss. The Property is lost, stolen, substantially damaged, sold, or borrowed against.

Events Affecting Guarantor. Any of the preceding events occurs with respect to any Guarantor of any of the Indebtedness or any Guarantor dies or becomes incompetent, or revokes or disputes the validity of, or liability under, any Guaranty of the Indebtedness.

Adverse Change. A material adverse change occurs in Grantor's financial condition, or Lender believes the prospect of payment or performance of the Indebtedness is impaired.

Cure Provisions. If any default, other than a default in payment is curable and if Grantor has not been given a notice of a breach of the same provision of this Assignment within the preceding twelve (12) months, it may be cured if Grantor, after Lender sends written notice to Grantor demanding cure of such default: (1) cures the default within fifteen (15) days; or (2) if the cure requires more than fifteen (15) days, immediately initiates steps which Lender deems in Lender's sole discretion to be sufficient to cure the default and thereafter continues and completes all reasonable and necessary steps sufficient to produce compliance as soon as reasonably practical.

RIGHTS AND REMEDIES ON DEFAULT. Upon the occurrence of any Event of Default and at any time thereafter, Lender may exercise any one or more of the following rights and remedies, in addition to any other rights or remedies provided by law:

Accelerate Indebtedness. Lender shall have the right at its option without notice to Grantor to declare the entire Indebtedness immediately due and payable, including any prepayment penalty that Grantor would be required to

Collect Rents. Lender shall have the right, without notice to Grantor, to take possession of the Property and collect the Rents, including amounts past due and unpaid, and apply the net proceeds, over and above Lender's costs, against the Indebtedness. In furtherance of this right, Lender shall have all the rights provided for in the Lender's Right to Receive and Collect Rents Section, above. If the Rents are collected by Lender, then Grantor irrevocably designates Lender as Grantor's attorney-in-fact to endorse instruments received in payment thereof in the name of Grantor and to negotiate the same and collect the proceeds. Payments by tenants or other users to Lender in response to Lender's demand shall satisfy the obligations for which the payments are made, whether or not any proper grounds for the demand existed. Lender may exercise its rights under this subparagraph either in person, by agent, or through a receiver.

Appoint Receiver. Lender shall have the right to have a receiver appointed to take possession of all or any part of the Property, with the power to protect and preserve the Property, to operate the Property preceding or pending

Page 4

### ASSIGNMENT OF RENTS (Continued)

Loan No: 582921

foreclosure or sale, and to collect the Rents from the Property and apply the proceeds, over and above the cost of the receivership, against the Indebtedness. The receiver may serve without bond if permitted by law. Lender's right to the appointment of a receiver shall exist whether or not the apparent value of the Property exceeds the Indebtedness by a substantial amount. Employment by Lender shall not disqualify a person from serving as a receiver.

Other Remedies. Lender shall have all other rights and remedies provided in this Assignment or the Note or by law

Election of Remedies. Election by Lender to pursue any remedy shall not exclude pursuit of any other remedy, and an election to make expenditures or to take action to perform an obligation of Grantor under this Assignment, after Grantor's failure to perform, shall not affect Lender's right to declare a default and exercise its remedies.

Attorneys' Fees; Expenses. If Lender institutes any suit or action to enforce any of the terms of this Assignment, Lender shall be entitled to recover such sum as the court may adjudge reasonable as attorneys' fees at trial and upon any appeal. Whether or not any court action is involved, and to the extent not prohibited by law, all reasonable expenses Lender incurs that in Lender's opinion are necessary at any time for the protection of its interest or the enforcement of its rights shall become a part of the Indebtedness payable on demand and shall bear interest at the Note rate from the date of the expenditure until repaid. Expenses covered by this paragraph include, without limitation, however subject to any limits under applicable law, Lender's attorneys' fees and Lender's legal expenses, whether or not there is a lawsuit, including attorneys' fees and expenses for bankruptcy proceedings (including efforts to modify or vacate any automatic stay or injunction), appeals, and any anticipated post-judgment collection services, the cost of searching records, obtaining title reports (including foreclosure reports), surveyors' reports, and appraisal fees, title insurance, and fees for the Trustee, to the extent permitted by applicable law. Grantor also will pay any court costs, in addition to all other sums provided by law.

CHOICE OF VENUE. If there is a lawsuit, Borrower agrees upon Lender's request to submit to the Jurisdiction of the court of King County, State of Washington.

**COUNTERPART PROVISION.** This document may be signed in any number of counterparts, which, when delivered in the original to Lender, shall together constitute one original document.

MISCELLANEOUS PROVISIONS. The following miscellaneous provisions are a part of this Assignment:

Amendments. This Assignment, together with any Related Documents, constitutes the entire understanding and agreement of the parties as to the matters set forth in this Assignment. No alteration of or amendment to this Assignment shall be effective unless given in writing and signed by the party or parties sought to be charged or bound by the alteration or amendment.

Caption Headings. Caption headings in this Assignment are for convenience purposes only and are not to be used to interpret or define the provisions of this Assignment.

Governing Law. This Assignment will be governed by federal law applicable to Lender and, to the extent not preempted by federal law, the laws of the State of Washington without regard to its conflicts of law provisions. This Assignment has been accepted by Lender in the State of Washington.

Merger. There shall be no merger of the interest or estate created by this assignment with any other interest or estate in the Property at any time held by or for the benefit of Lender in any capacity, without the written consent of Lender.

Interpretation. (1) In all cases where there is more than one Borrower or Grantor, then all words used in this Assignment in the singular shall be deemed to have been used in the plural where the context and construction so require. (2) If more than one person signs this Assignment as "Grantor," the obligations of each Grantor are joint and several. This means that if Lender brings a lawsuit, Lender may sue any one or more of the Grantors. If Borrower and Grantor are not the same person, Lender need not sue Borrower first, and that Borrower need not be joined in any lawsuit. (3) The names given to paragraphs or sections in this Assignment are for convenience purposes only. They are not to be used to interpret or define the provisions of this Assignment.

No Waiver by Lender. Lender shall not be deemed to have waived any rights under this Assignment unless such waiver is given in writing and signed by Lender. No delay or omission on the part of Lender in exercising any right shall operate as a waiver of such right or any other right. A waiver by Lender of a provision of this Assignment shall not prejudice or constitute a waiver of Lender's right otherwise to demand strict compliance with that provision or any other provision of this Assignment. No prior waiver by Lender, nor any course of dealing between Lender and Grantor, shall constitute a waiver of any of Lender's rights or of any of Grantor's obligations as to any future transactions. Whenever the consent of Lender is required under this Assignment, the granting of such consent by Lender in any instance shall not constitute continuing consent to subsequent instances where such consent is required and in all cases such consent may be granted or withheld in the sole discretion of Lender.

Notices. Subject to applicable law, and except for notice required or allowed by law to be given in another

### ASSIGNMENT OF RENTS (Continued)

Loan No: 582921 (Continued) Page 6

manner, any notice required to be given under this Assignment shall be given in writing, and shall be effective when actually delivered, when actually received by telefacsimile (unless otherwise required by law), when deposited with a nationally recognized overnight courier, or, if mailed, when deposited in the United States mail, as first class, certified or registered mail postage prepaid, directed to the addresses shown near the beginning of this Assignment. Any party may change its address for notices under this Assignment by giving formal written notice to the other parties, specifying that the purpose of the notice is to change the party's address. For notice purposes, Grantor agrees to keep Lender informed at all times of Grantor's current address. Subject to applicable law, and except for notice required or allowed by law to be given in another manner, if there is more than one Grantor, any notice given by Lender to any Grantor is deemed to be notice given to all Grantors.

**Powers of Attorney.** The various agencies and powers of attorney conveyed on Lender under this Assignment are granted for purposes of security and may not be revoked by Grantor until such time as the same are renounced by Lender.

Severability. If a court of competent jurisdiction finds any provision of this Assignment to be illegal, invalid, or unenforceable as to any circumstance, that finding shall not make the offending provision illegal, invalid, or unenforceable as to any other circumstance. If feasible, the offending provision shall be considered modified so that it becomes legal, valid and enforceable. If the offending provision cannot be so modified, it shall be considered deleted from this Assignment. Unless otherwise required by law, the illegality, invalidity, or unenforceability of any provision of this Assignment shall not affect the legality, validity or enforceability of any other provision of this Assignment.

Successors and Assigns. Subject to any limitations stated in this Assignment on transfer of Grantor's interest, this Assignment shall be binding upon and inure to the benefit of the parties, their successors and assigns. If ownership of the Property becomes vested in a person other than Grantor, Lender, without notice to Grantor, may deal with Grantor's successors with reference to this Assignment and the Indebtedness by way of forbearance or extension without releasing Grantor from the obligations of this Assignment or liability under the Indebtedness.

Time is of the Essence. Time is of the essence in the performance of this Assignment.

Waive Jury. All parties to this Assignment hereby waive the right to any jury trial in any action, proceeding, or counterclaim brought by any party against any other party.

Waiver of Homestead Exemption. Grantor hereby releases and waives all rights and benefits of the homestead exemption laws of the State of Washington as to all Indebtedness secured by this Assignment.

Waiver of Right of Redemption. NOTWITHSTANDING ANY OF THE PROVISIONS TO THE CONTRARY CONTAINED IN THIS ASSIGNMENT, GRANTOR HEREBY WAIVES ANY AND ALL RIGHTS OF REDEMPTION FROM SALE UNDER ANY ORDER OR JUDGMENT OF FORECLOSURE ON GRANTOR'S BEHALF AND ON BEHALF OF EACH AND EVERY PERSON, EXCEPT JUDGMENT CREDITORS OF GRANTOR, ACQUIRING ANY INTEREST IN OR TITLE TO THE PROPERTY SUBSEQUENT TO THE DATE OF THIS ASSIGNMENT.

**DEFINITIONS.** The following capitalized words and terms shall have the following meanings when used in this Assignment. Unless specifically stated to the contrary, all references to dollar amounts shall mean amounts in lawful money of the United States of America. Words and terms used in the singular shall include the plural, and the plural shall include the singular, as the context may require. Words and terms not otherwise defined in this Assignment shall have the meanings attributed to such terms in the Uniform Commercial Code:

Assignment. The word "Assignment" means this ASSIGNMENT OF RENTS, as this ASSIGNMENT OF RENTS may be amended or modified from time to time, together with all exhibits and schedules attached to this ASSIGNMENT OF RENTS from time to time.

Borrower. The word "Borrower" means Winson at Federal Way LLC.

Default. The word "Default" means the Default set forth in this Assignment in the section titled "Default".

Event of Default. The words "Event of Default" mean any of the events of default set forth in this Assignment in the default section of this Assignment.

Grantor. The word "Grantor" means Winson at Federal Way LLC.

Guarantor. The word "Guarantor" means any guarantor, surety, or accommodation party of any or all of the Indebtedness.

Guaranty. The word "Guaranty" means the guaranty from Guarantor to Lender, including without limitation a guaranty of all or part of the Note.

Indebtedness. The word "Indebtedness" means all principal, interest, and other amounts, costs and expenses payable under the Note or Related Documents, together with all renewals of, extensions of, modifications of, consolidations of and substitutions for the Note or Related Documents and any amounts expended or advanced by Lender to discharge Grantor's obligations or expenses incurred by Lender to enforce Grantor's obligations under

## ASSIGNMENT OF RENTS (Continued)

this Assignment, together with interest on such amounts as provided in this Assignment.

Lender. The word "Lender" means East West Bank, its successors and assigns.

Note. The word "Note" means the promissory note dated August 18, 2014, in the original principal amount of \$7,700,000.00 from Grantor to Lender, together with all renewals of, extensions of, modifications of, refinancings of, consolidations of, and substitutions for the promissory note or agreement.

Property. The word "Property" means all of Grantor's right, title and interest in and to all the Property as described in the "Assignment" section of this Assignment.

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, environmental agreements, guaranties, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness.

Rents. The word "Rents" means all of Grantor's present and future rights, title and interest in, to and under any and all present and future leases, including, without limitation, all rents, revenue, income, issues, royalties, bonuses, accounts receivable, cash or security deposits, advance rentals, profits and proceeds from the Property, and other payments and benefits derived or to be derived from such leases of every kind and nature, whether due now or later, including without limitation Grantor's right to enforce such leases and to receive and collect payment and proceeds thereunder.

THE UNDERSIGNED ACKNOWLEDGES HAVING READ ALL THE PROVISIONS OF THIS ASSIGNMENT, AND NOT PERSONALLY BUT AS AN AUTHORIZED SIGNER, HAS CAUSED THIS ASSIGNMENT TO BE SIGNED AND EXECUTED ON BEHALF OF GRANTOR ON AUGUST 18, 2014.

GRANTOR:

Loan No: 582921

WINSON AT FEDERAL WAY LLC	
By: Well Zhang, Meynber/May/dggr of Winson at Eederal Way LLC	;
By: Jenny Shih, Manager of Wirson at Federal Way LLC	
LIMITED LIABILITY COMPAN	Y ACKNOWLEDGMENT
STATE OF Washington  COUNTY OF King	Notary Public State of Washington ANNA L CELICH
•	My Appointment Expires Apr 27, 2015
On this and aday of August Notary Public, personally appeared Wei Zhang, Member/Manage	20, before me, the undersigned
to me or proved to me on the basis of satisfactory evidence to company that executed the ASSIGNMENT OF RENTS and ackract and deed of the limited liability company, by authority agreement, for the uses and purposes therein mentioned, and or Assignment and in fact executed the Assignment on behalf of the	be a member or designated agent of the limited liability nowledged the Assignment to be the free and voluntary of statute, its articles of organization or its operating in oath stated that he or she is authorized to execute this
By/sma & Celler	Residing at Sewale
Notary Public in and for the State of Wa	My commission expires 4/27/15

### ASSIGNMENT OF RENTS (Continued)

Loan No: 582921

STATE OF Washington

COUNTY OF Gay of Gay of My Appointment Expires Apr 27, 2015

On this Defore me, the undersigned Notary Public, personally appeared Jenny Shih, Manager of Winson at Federal Way LLC, and personally known to me or proved to me on the basis of satisfactory evidence to be a member or designated agent of the limited liability company that executed the ASSIGNMENT OF RENTS and acknowledged the Assignment to be the free and voluntary act and deed of the limited liability company, by authority of statute, its articles of organization or its operating agreement, for the uses and purposes therein mentioned, and on oath stated that he or she is authorized to execute this Assignment and in fact executed the Assignment on behalf of the limited liability company.

By Wash Children

Notary Public In and for the State of Wash Residing at Seattle.

My commission expires 4/24/15

LASER PRO Lending, Ver. 14.1.0.009 Copr. Harland Financial Solutions, Inc. 1997, 2014. All Rights Reserved. - WA F:\PROD\LOANDOC\CFI\LPL\G14.FC TR-20485 PR-161

**RETURN ADDRESS:** 

East West Bank Loan Service Department 9300 Flair Drive, 6th Floor El Monte, CA 91731



#### HAZARDOUS SUBSTANCES AGREEMENT

Reference # (if applicable): 582921

Grantor(s):

1. Winson at Federal Way LLC

Grantee(s)

1. East West Bank

Legal Description: LOTS 1 AND 6 AND TRACT A OF AMENDED EVERGREEN PLAZA BSP

REC# 20030909000708

Additional on page ____

Additional on page ____

Assessor's Tax Parcel ID#: 242320 0050, 242320 0060, and 242320 0010

THIS HAZARDOUS SUBSTANCES AGREEMENT dated August 18, 2014, is made and executed among Winson at Federal Way LLC, whose address is 1120 - 112th Avenue Northeast, Suite 620, Bellevue, WA 98004 (sometimes referred to below as "Borrower" and sometimes as "Indemnitor"); and East West Bank, Loan Servicing Department, 9300 Flair Drive, 6th Floor, El Monte, CA 91731 (referred to below as "Lender").

Recorded at the request of FIDELITY NATIONAL TITLE MAJOR ACCOUNTS

Order # 20369453 0178

## HAZARDOUS SUBSTANCES AGREEMENT (Continued)

_____

For good and valuable consideration and to induce Lender to make a loan to Borrower, each party executing this Agreement hereby represents and agrees with Lender as follows:

PROPERTY DESCRIPTION. The word "Property" as used in this Agreement means the following Real Property located in King County, State of Washington:

LOTS 1 AND 6 AND TRACT A OF AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN / PUD, RECORDED SEPTEMBER 9, 2003 UNDER RECORDING NO. 20030909000708 IN VOLUME 216, PAGES 36 TO 38, IN KING COUNTY, WASHINGTON;

EXCEPTING THEREFROM THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER KING COUNTY RECORDING NO. 20050524000385.

SITUATE IN THE CITY OF FEDERAL WAY, COUNTY OF KING, STATE OF WASHINGTON.

#### The DEFINITION of "Related Documents" is hereby amended to read as follows:

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, Interest Rate Derivative Documentation, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness; except that the words do not mean any guaranty or environmental agreement, whether now or hereafter existing, executed in connection with the Indebtedness.

#### The following DEFINITION is hereby added to the Agreement:

Loan No: 582921

Interest Rate Derivative Documentation. The words "Interest Rate Derivative Documentation" mean each trade confirmation, and the international swaps and derivative association master and schedule agreement executed in connection with the Indebtedness

The Real Property or its address is commonly known as 2120 - 2210 S. 320th Street, Federal Way, WA 98003. The Real Property tax identification number is 242320 0050, 242320 0060, and 242320 0010.

REPRESENTATIONS. The following representations are made to Lender, subject to disclosures made and accepted by Lender in writing:

**Use of Property.** After due inquiry and investigation, Indemnitor has no knowledge, or reason to believe, that there has been any use, generation, manufacture, storage, treatment, refinement, transportation, disposal, release, or threatened release of any Hazardous Substances by any person on, under, or about the Property.

Hazardous Substances. After due inquiry and investigation, Indemnitor has no knowledge, or reason to believe, that the Property, whenever and whether owned by previous Occupants, has ever contained asbestos, PCBs, lead paints or other Hazardous Substances, whether used in construction or stored on the Property.

No Notices. Indemnitor has received no summons, citation, directive, letter or other communication, written or oral, from any agency or department of any county or state or the U.S. Government concerning any intentional or unintentional action or omission on, under, or about the Property which has resulted in the releasing, spilling, leaking, pumping, pouring, emitting, emptying or dumping of Hazardous Substances into any waters, ambient air or onto any lands or where damage may have resulted to the lands, waters, fish, shellfish, wildlife, biota, air or other natural resources.

#### AFFIRMATIVE COVENANTS. Indemnitor covenants with Lender as follows:

Use of Property. Indemnitor will not use and does not intend to use the Property to generate, manufacture, refine, transport, treat, store, handle or dispose of any Hazardous Substances, PCBs, lead paint or asbestos.

Compliance with Environmental Laws. Indemnitor shall cause the Property and the operations conducted on it to comply with any and all Environmental Laws and orders of any governmental authorities having jurisdiction under any Environmental Laws and shall obtain, keep in effect and comply with all governmental permits and authorizations required by Environmental Laws with respect to such Property or operations. Indemnitor shall furnish Lender with copies of all such permits and authorizations and any amendments or renewals of them and shall notify Lender of any expiration or revocation of such permits or authorizations.

Preventive, Investigatory and Remedial Action. Indemnitor shall exercise extreme care in handling Hazardous Substances if Indemnitor uses or encounters any. Indemnitor, at Indemnitor's expense, shall undertake any and all preventive, investigatory or remedial action (including emergency response, removal, containment and other remedial action) (a) required by any applicable Environmental Laws or orders by any governmental authority having jurisdiction under Environmental Laws, or (b) necessary to prevent or minimize property damage (including damage to Occupant's own property), personal injury or damage to the environment, or the threat of any such damage or injury, by releases of or exposure to Hazardous Substances in connection with the Property or operations of any

## HAZARDOUS SUBSTANCES AGREEMENT (Continued)

Loan No: 582921 (Continued) Page 3

Occupant on the Property. In the event Indemnitor fails to perform any of Indemnitor's obligations under this section of the Agreement, Lender may (but shall not be required to) perform such obligations at Indemnitor's expense. All such costs and expenses incurred by Lender under this section and otherwise under this Agreement shall be reimbursed by Indemnitor to Lender upon demand with interest at the Note default rate, or in the absence of a default rate, at the Note interest rate. Lender and Indemnitor intend that Lender shall have full recourse to Indemnitor for any sum at any time due to Lender under this Agreement. In performing any such obligations of Indemnitor, Lender shall at all times be deemed to be the agent of Indemnitor and shall not by reason of such performance be deemed to be assuming any responsibility of Indemnitor under any Environmental Law or to any third party. Indemnitor hereby irrevocably appoints Lender as Indemnitor's attorney-in-fact with full power to appropriate.

Notices. Indemnitor shall immediately notify Lender upon becoming aware of any of the following:

- (1) Any spill, release or disposal of a Hazardous Substance on any of the Property, or in connection with any of its operations if such spill, release or disposal must be reported to any governmental authority under applicable Environmental Laws.
- (2) Any contamination, or imminent threat of contamination, of the Property by Hazardous Substances, or any violation of Environmental Laws in connection with the Property or the operations conducted on the Property.
- (3) Any order, notice of violation, fine or penalty or other similar action by any governmental authority relating to Hazardous Substances or Environmental Laws and the Property or the operations conducted on the Property.
- (4) Any judicial or administrative investigation or proceeding relating to Hazardous Substances or Environmental Laws and to the Property or the operations conducted on the Property.
- (5) Any matters relating to Hazardous Substances or Environmental Laws that would give a reasonably prudent Lender cause to be concerned that the value of Lender's security interest in the Property may be reduced or threatened or that may impair, or threaten to impair, Indemnitor's ability to perform any of its obligations under this Agreement when such performance is due.

Access to Records. Indemnitor shall deliver to Lender, at Lender's request, copies of any and all documents in Indemnitor's possession or to which it has access relating to Hazardous Substances or Environmental Laws and the Property and the operations conducted on the Property, including without limitation results of laboratory analyses, site assessments or studies, environmental audit reports and other consultants' studies and reports.

Inspections. Lender reserves the right to inspect and investigate the Property and operations on it at any time and from time to time, and Indemnitor shall cooperate fully with Lender in such inspection and investigations. If Lender at any time has reason to believe that Indemnitor or any Occupants of the Property are not complying with all applicable Environmental Laws or with the requirements of this Agreement or that a material spill, release or disposal of Hazardous Substances has occurred on or under the Property, Lender may require Indemnitor to furnish Lender at Indemnitor's expense an environmental audit or a site assessment with respect to the matters of concern to Lender. Such audit or assessment shall be performed by a qualified consultant approved by Lender. Any inspections or tests made by Lender shall be for Lender's purposes only and shall not be construed to create any responsibility or liability on the part of Lender to any Indemnitor or to any other person.

INDEMNITOR'S WAIVER AND INDEMNIFICATION. Indemnitor hereby agrees to and shall indemnify, defend, and hold harmless Lender and Lender's officers, directors, employees and agents, and Lender's successors and assigns and their officers, directors, employees and agents from and against any and all claims, demands, losses, liabilities, costs, fines, penalties and expenses (including without limitation attorneys' fees at trial and on any appeal or petition for review, consultants' fees, remedial action costs, natural resource damages and diminution in value) incurred by such person (a) arising out of or relating to any investigatory or remedial action involving the Property, the operations conducted on the Property, or any other operations of Indemnitor or any Occupant and required by Environmental Laws or by orders of any governmental authority having jurisdiction under any Environmental Laws, including without limitation any natural resource damages, or (b) arising out of or related to any noncompliance with or violation of Environmental Laws or any applicable permits or approvals, or (c) on account of injury to Lender or any person whatsoever or damage to any property arising out of, in connection with, or in any way relating to (i) the breach of any covenant, representation or warranty contained in this Agreement, (ii) the violation of any Environmental Laws, permits, authorizations or approvals, (iii) the use, treatment, storage, generation, manufacture, transport, release, spill, disposal or other handling of Hazardous Substances on the Property, or (iv) the contamination of any of the Property by, or the presence, release or threatened release of, Hazardous Substances by any means whatsoever (explicitly including without limitation any presently existing contamination of the Property, whether or not previously disclosed to Lender), or (d) pursuant to this Agreement. Indemnitor's obligations under this section shall survive the termination of this Agreement and as set forth below in the Survival section. In addition to this indemnity, Indemnitor hereby releases and waives all present and

### HAZARDOUS SUBSTANCES AGREEMENT (Continued)

Loan No: 582921

future claims against Lender for indemnity or contribution in the event Indemnitor becomes liable for cleanup or other costs under any Environmental Laws.

PAYMENT: FULL RECOURSE TO INDEMNITOR. Indemnitor intends that Lender shall have full recourse to Indemnitor for Indemnitor's obligations under this Agreement as they become due to Lender. Such liabilities, losses, claims, damages and expenses shall be reimbursable to Lender as Lender's obligations to make payments with respect thereto are incurred, without any requirement of waiting for the ultimate outcome of any litigation, claim or other proceeding, and Indemnitor shall pay such liability, losses, claims, damages and expenses to Lender as so incurred within thirty (30) days after written notice from Lender. Lender's notice shall contain a brief itemization of the amounts incurred to the date of such notice. In addition to any remedy available for failure to pay periodically such amounts, such amounts shall thereafter bear interest at the Note default rate, or in the absence of a default rate, at the Note interest rate.

SURVIVAL. The covenants contained in this Agreement shall survive (A) the repayment of the Indebtedness, (B) any foreclosure, whether judicial or nonjudicial, of the Property, and (C) any delivery of a deed in lieu of foreclosure to Lender or any successor of Lender. The covenants contained in this Agreement shall be for the benefit of Lender and any successor to Lender, as holder of any security interest in the Property or the indebtedness secured thereby, or as owner of the Property following foreclosure or the delivery of a deed in lieu of foreclosure.

CHOICE OF VENUE. If there is a lawsuit, Borrower agrees upon Lender's request to submit to the Jurisdiction of the court of King County, State of Washington.

**COUNTERPART PROVISION.** This document may be signed in any number of counterparts, which, when delivered in the original to Lender, shall together constitute one original document.

MISCELLANEOUS PROVISIONS. The following miscellaneous provisions are a part of this Agreement:

Amendments. This Agreement, together with any Related Documents, constitutes the entire understanding and agreement of the parties as to the matters set forth in this Agreement. No alteration of or amendment to this Agreement shall be effective unless given in writing and signed by the party or parties sought to be charged or bound by the alteration or amendment.

Attorneys' Fees; Expenses. If Lender institutes any suit or action to enforce any of the terms of this Agreement, Lender shall be entitled to recover such sum as the court may adjudge reasonable as attorneys' fees at trial and upon any appeal. Whether or not any court action is involved, and to the extent not prohibited by law, all reasonable expenses Lender incurs that in Lender's opinion are necessary at any time for the protection of its interest or the enforcement of its rights shall become a part of the Indebtedness payable on demand and shall bear interest at the Note rate from the date of the expenditure until repaid. Expenses covered by this paragraph include, without limitation, however subject to any limits under applicable law, Lender's attorneys' fees and Lender's legal expenses, whether or not there is a lawsuit, including attorneys' fees and expenses for bankruptcy proceedings (including efforts to modify or vacate any automatic stay or injunction), appeals, and any anticipated post-judgment collection services, the cost of searching records, obtaining title reports (including foreclosure reports), surveyors' reports, and appraisal fees and title insurance, to the extent permitted by applicable law. Indemnitor also will pay any court costs, in addition to all other sums provided by law.

Caption Headings. Caption headings in this Agreement are for convenience purposes only and are not to be used to interpret or define the provisions of this Agreement.

Governing Law. This Agreement will be governed by federal law applicable to Lender and, to the extent not preempted by federal law, the laws of the State of Washington without regard to its conflicts of law provisions. This Agreement has been accepted by Lender in the State of Washington.

Joint and Several Liability. All obligations of Indemnitor under this Agreement shall be joint and several, and all references to Indemnitor shall mean each and every Indemnitor. This means that each Indemnitor signing below is responsible for all obligations in this Agreement.

No Waiver by Lender. Lender shall not be deemed to have waived any rights under this Agreement unless such waiver is given in writing and signed by Lender. No delay or omission on the part of Lender in exercising any right shall operate as a waiver of such right or any other right. A waiver by Lender of a provision of this Agreement shall not prejudice or constitute a waiver of Lender's right otherwise to demand strict compliance with that provision or any other provision of this Agreement. No prior waiver by Lender, nor any course of dealing between Lender and Indemnitor, shall constitute a waiver of any of Lender's rights or of any of Indemnitor's obligations as to any future transactions. Whenever the consent of Lender is required under this Agreement, the granting of such consent by Lender in any instance shall not constitute continuing consent to subsequent instances where such consent is required and in all cases such consent may be granted or withheld in the sole discretion of Lender. Indemnitor hereby waives notice of acceptance of this Agreement by Lender.

Notices. Subject to applicable law, and except for notice required or allowed by law to be given in another manner, any notice required to be given under this Agreement shall be given in writing, and shall be effective when actually delivered, when actually received by telefacsimile (unless otherwise required by law), when deposited with

### HAZARDOUS SUBSTANCES AGREEMENT (Continued)

Loan No: 582921 (Continued) Page 5

a nationally recognized overnight courier, or, if mailed, when deposited in the United States mail, as first class, certified or registered mail postage prepaid, directed to the addresses shown near the beginning of this Agreement. Any party may change its address for notices under this Agreement by giving formal written notice to the other parties, specifying that the purpose of the notice is to change the party's address. For notice purposes, Indemnitor agrees to keep Lender informed at all times of Indemnitor's current address. Subject to applicable law, and except for notice required or allowed by law to be given in another manner, if there is more than one Indemnitor, any notice given by Lender to any Indemnitor is deemed to be notice given to all Indemnitors.

Severability. If a court of competent jurisdiction finds any provision of this Agreement to be illegal, invalid, or unenforceable as to any circumstance, that finding shall not make the offending provision illegal, invalid, or unenforceable as to any other circumstance. If feasible, the offending provision shall be considered modified so that it becomes legal, valid and enforceable. If the offending provision cannot be so modified, it shall be considered deleted from this Agreement. Unless otherwise required by law, the illegality, invalidity, or unenforceability of any provision of this Agreement shall not affect the legality, validity or enforceability of any other provision of this Agreement.

Successors and Assigns. Subject to any limitations stated in this Agreement on transfer of Indemnitor's interest, this Agreement shall be binding upon and inure to the benefit of the parties, their successors and assigns. If ownership of the Property becomes vested in a person other than Indemnitor, Lender, without notice to Indemnitor, may deal with Indemnitor's successors with reference to this Agreement and the Indebtedness by way of forbearance or extension without releasing Indemnitor from the obligations of this Agreement or liability under the Indebtedness.

Time is of the Essence. Time is of the essence in the performance of this Agreement.

Waive Jury. All parties to this Agreement hereby waive the right to any jury trial in any action, proceeding, or counterclaim brought by any party against any other party.

**DEFINITIONS.** The following capitalized words and terms shall have the following meanings when used in this Agreement. Unless specifically stated to the contrary, all references to dollar amounts shall mean amounts in lawful money of the United States of America. Words and terms used in the singular shall include the plural, and the plural shall include the singular, as the context may require. Words and terms not otherwise defined in this Agreement shall have the meanings attributed to such terms in the Uniform Commercial Code:

Agreement. The word "Agreement" means this Hazardous Substances Agreement, as this Hazardous Substances Agreement may be amended or modified from time to time, together with all exhibits and schedules attached to this Hazardous Substances Agreement from time to time.

Environmental Laws. The words "Environmental Laws" mean any and all state, federal and local statutes, regulations and ordinances relating to the protection of human health or the environment, including without limitation the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. Section 9601, et seq. ("CERCLA"), the Superfund Amendments and Reauthorization Act of 1986, Pub. L. No. 99-499 ("SARA"), the Hazardous Materials Transportation Act, 49 U.S.C. Section 1801, et seq., the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901, et seq., or other applicable state or federal laws, rules, or regulations adopted pursuant thereto.

Hazardous Substances. The words "Hazardous Substances" mean materials that, because of their quantity, concentration or physical, chemical or infectious characteristics, may cause or pose a present or potential hazard to human health or the environment when improperly used, treated, stored, disposed of, generated, manufactured, transported or otherwise handled. The words "Hazardous Substances" are used in their very broadest sense and include without limitation any and all hazardous or toxic substances, materials or waste as defined by or listed under the Environmental Laws. The term "Hazardous Substances" also includes, without limitation, petroleum and petroleum by-products or any fraction thereof and asbestos.

Indebtedness. The word "Indebtedness" means all principal, interest, and other amounts, costs and expenses payable under the Note or Related Documents, together with all renewals of, extensions of, modifications of, consolidations of and substitutions for the Note or Related Documents and any amounts expended or advanced by Lender to discharge Indemnitor's obligations or expenses incurred by Lender to enforce Indemnitor's obligations under this Agreement, together with interest on such amounts as provided in this Agreement.

Lender. The word "Lender" means East West Bank, its successors and assigns.

Note. The word "Note" means the Note dated August 18, 2014 and executed by Winson at Federal Way LLC in the principal amount of \$7,700,000.00, together with all renewals of, extensions of, modifications of, refinancings of, consolidations of, and substitutions for the note or credit agreement.

Occupant. The word "Occupant" means individually and collectively all persons or entities occupying or utilizing the Property, whether as owner, tenant, operator or other occupant.

### HAZARDOUS SUBSTANCES AGREEMENT

Loan No: 582921

(Continued)

Page 6

**Property.** The word "Property" means all of Indemnitor's right, title and interest in and to all the Property as described in the "Property Description" section of this Agreement.

Real Property. The words "Real Property" mean the real property, interests and rights, as further described in this Agreement.

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, environmental agreements, guaranties, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness.

EACH PARTY TO THIS AGREEMENT ACKNOWLEDGES HAVING READ ALL THE PROVISIONS OF THIS AGREEMENT, AND EACH AGREES TO ITS TERMS. NO FORMAL ACCEPTANCE BY LENDER IS NECESSARY TO MAKE THIS AGREEMENT EFFECTIVE. THIS AGREEMENT IS DATED AUGUST 18, 2014.

BORROWER:

WINSON AT FEDERAL WAY LLC

By: Wei Zhang, Member/Manager of Winsen at Federal Way LLC

Jenny Shim, Manager of Winson at Federal Way LLC
LENDER:
EAST WEST BANK  X Authorized Signer
LIMITED LIABILITY COMPANY ACKNOWLEDGMENT
STATE OF Washington  COUNTY OF King  Notary Public  State of Washington ANNA L CELICH  My Appointment Expires Apr 27, 2015
On this

# HAZARDOUS SUBSTANCES AGREEMENT (Continued)

Loan No: 582921

county of King  215t  August	Notary Public State of Washington S ANNA L CELICH
COUNTY OF King	) My Appointment Expires Apr 27, 2015
On this 3/5t day of August Notary Public, personally appeared Jenny Shih, Mahager of W	, 20 /1 , before me, the undersigned
proved to me on the basis of satisfactory evidence to be a me that executed the Hazardous Substances Agreement and ack and deed of the limited liability company, by authority of stat for the uses and purposes therein mentioned, and on oath stand in fact executed the Agreement on behalf of the limited liability when the limited liability was a substant or the limited liability.	nowledged the Agreement to be the free and voluntary act tute, its articles of organization or its operating agreement, tited that he or she is authorized to execute this Agreement
Notary Public in and for the State of Wa	My commission expires 4/27//5
	OWLEDGMENT
COUNTY OF King  On this day of Augus Notary Public, personally appeared Sheng-ta Telephone on the basis of satisfactory evidence to be the Bank that executed the within and foregoing instrument and	Notary Public State of Washington ANNA L CELICH My Appointment Expires Apr 27, 2015
COUNTY OF King  On this 213+ day of Augus Notary Public, personally appeared 5 Shung-ta 7: on the basis of satisfactory evidence to be the	Notary Public State of Washington ANNA L CELICH My Appointment Expires Apr 27, 2015

### **Electronically Recorded** 20140919001069

SUBL

SIMPLIFILE Page 001 of 010 09/19/2014 03:27 King County, WA

81.00

### WHEN RECORDED RETURN TO:

East West Bank 9300 Flair Drive 6th Floor El Monte, CA 91731 Attn: Loan Servicing

D	OC	CUMJ	ENT	TITL	$\mathbf{E}(\mathbf{S})$
~			48.00	A	

Subordination Agreement and Agreement of Non-Disturbance and Attornment

REFERENCE NUMBER(S) OF DOCUMENTS ASSIGNED OR RELEASED:

### GRANTOR(S):

EVERGREEN STOTE RESTAURANT UP NO.4 dod OUTBOCK STEAKHOUSE (TENDNT) WINSON AT FEDERAL WAY U.C. (OWNER)

GRANTEE(S):

EAST WEST BANK

### ABBREVIATED LEGAL DESCRIPTION:

LOTS 1 AND 6 AND TRACT A OF AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN / PUD, RECORDED SEPTEMBER 9, 2003 UNDER RECORDING NO. 20030909000708 IN VOLUME 216, PAGES 36 TO 38, IN KING COUNTY, WASHINGTON;

EXCEPTING THEREFROM THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER KING COUNTY RECORDING NO. 20050524000385.

SITUATE IN THE CITY OF FEDERAL WAY, COUNTY OF KING, STATE OF WASHINGTON.

### TAX PARCEL NUMBER(S): To King County: I am requesting an emergency nonstandard recording for an additional fee as provided in RCW 36.18.010. I understand that the recording processing requirements may cover up or otherwise obscure some part of the text of the original document at the request of FIDELITY NATIONAL TITLE MAJOR ACCOUNTS

Briana Everroad

(b) 81 20369453

RECORDING REQUESTED BY & WHEN RECORDED RETURN TO:	)
East West Bank 9300 Flair Drive, 6 th Floor El Monte, CA 91731 Attn: Loan Servicing	)

(Space Above This Line For Recorder's Use)

### SUBORDINATION AGREEMENT AND AGREEMENT OF NON-DISTURBANCE AND ATTORNMENT

(EWB Form - Rev. 5-2013)

This Subordination Agreement and Agreement of Non-Disturbance and Attornment ("Agreement") is made and entered into as of this 18th day of August, 2014, among (i) East West Bank ("Lender"), (ii) Evergreen State Restaurant Limited Partnership No. 4 d.b.a. Outback Steakhouse ("Tenant") and (iii) Winson at Federal Way LLC, a Washington limited liability company ("Owner"), with reference to the following:

### **RECITALS**

- A. Lender has made or is proposing to make a loan (the "Loan") to Owner secured or to be secured by a deed of trust (the "Deed of Trust") on the real property legally described in <a href="Exhibit A">Exhibit A</a> attached hereto and the improvements thereon (together, the "Property"). The Deed of Trust and any and all other documents evidencing or relating to the Loan shall be referred to as the "Loan Documents".
- B. Tenant has leased or is proposing to lease certain space in the Property (the "Premises) (the lease and all amendments thereto being referred to as the "Lease").
- C. Lender and Tenant desire to enter into this Agreement under which Tenant subordinates the Lease and its interest in the Property and agrees to attorn to Lender and under which Lender agrees to not disturb Tenant's possession of the portion of the Property covered by the Lease (the "Premises") all to the extent set forth herein, and so long as Tenant is not in default under the Lease.

NOW THEREFORE, with reference to the foregoing recitals and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties to this Agreement agree as follows:

- 1. <u>Subordination</u>. The Lease, and the rights, if any, of Tenant in, to and under the Lease and the Premises, are hereby subjected and subordinated to the lien of the Deed of Trust, it being understood and agreed that the foregoing subordination shall apply to any and all increases, renewals, modifications, extensions, substitutions, replacements and/or consolidations of the Deed of Trust, provided that any and all such increases, renewals, modifications, extensions, substitutions, replacements and/or consolidations shall nevertheless be subject to the terms of this Agreement.
- 2. <u>Tenant Not to Be Disturbed</u>. So long as Tenant is not in default in the payment of rent or of any of the terms, covenants or conditions of the Lease on Tenant's part to be performed (beyond any period given Tenant in the Lease to cure such default) and Tenant attorns to Lender as provided herein, (a) Tenant's possession of the Premises shall not be diminished or interfered with by Lender, and (b)

Loan No. 582921 Page 1

Lender will not join Tenant as a party defendant in any action or proceeding foreclosing the Deed of Trust unless such joinder is necessary to foreclose the Deed of Trust and then only for such purpose and not for the purpose of terminating the Lease.

- 3. <u>Tenant to Attorn To Lender</u>. If Lender shall become the owner of the Premises or the Premises shall be sold by reason of foreclosure or other proceedings brought to enforce the Deed of Trust or the Premises shall be transferred by deed in lieu of foreclosure, the Lease shall continue in full force and effect as a direct Lease between the then owner of the Premises, who shall succeed to the rights and duties of the Owner under the Lease. Tenant shall attorn to Lender or any other such owner as its landlord, said attornment to be effective and self-operative without the execution of any further instruments. Tenant hereby waives the provisions of any statute or rule of law, now or hereafter in effect, which may give or purport to give Tenant any right or election to terminate or otherwise adversely affect the Lease and the obligations of Tenant thereunder as a result of any such foreclosure or deed-in-lieu of foreclosure.
- 4. <u>Notice of Default; Rent Payments to Lender.</u> In the event that Lender notifies Tenant of a default under the Deed of Trust and requests Tenant to pay its rent and all other sums due under the Lease to Lender, Tenant shall pay such sums directly to Lender, or as Lender may otherwise request, without any further consent of Owner.
- Limitations. Lender (and any successor or assignee of Lender) shall not be (i) liable for any act or omission of Owner or any predecessor-in-interest, (ii) subject to any offsets, counterclaims or defenses which Tenant may have against Owner or any predecessor-in-interest, (iii) liable for any security deposit or payment of rent (for more than one month in advance of the date due under the Lease) made by Tenant to Owner or any predecessor-in-interest, except to the extent actually received by Lender, (iv) liable for any construction, repair allowances or other allowances or payments to be made by Owner under the Lease or (v) obligated to expand the Premises, construct additional improvements or otherwise expend funds which are capital in nature except for items of ordinary maintenance and repair for the Premises or the property in which it is located. Notwithstanding any term of the Lease, upon foreclosure of the Deed of Trust, or acceptance of a deed in lieu thereof or other similar transfer, any environmental/hazardous materials indemnity and/or reimbursement provisions under the Lease shall not be applicable to, or enforceable against, Lender, any successor in interest to or assignee of Lender and/or any purchaser at foreclosure and any transferee thereof. If Lender becomes the owner of the Property or the Property is sold to a third party by reason of foreclosure or other proceedings brought to enforce the Deed of Trust or the Property is conveyed by deed-in-lieu of foreclosure, Tenant agrees that, notwithstanding anything to the contrary contained in the Lease, after such foreclosure sale or conveyance by deed-in-lieu of foreclosure, Lender has no personal liability to Tenant under the Lease and Tenant shall look solely to Owner for satisfaction of any of its remedies for collection of a judgment or other judicial process requiring payment of money. Further, in the event Lender transfers its interest in this Lease to a third party, Lender shall be automatically freed and released, from and after the date of such transfer or conveyance, of all liability for the performance of any covenants and agreements which accrue after the date of such transfer of Lender's interest.
- 6. <u>Modification; Notice and Cure Rights.</u> The Lease shall not be amended, modified or supplemented, nor will the lease be terminated (except as set forth in the Lease after a default and after the notice and cure rights set forth below) or any party having liability under the Lease be released by the other, without the prior written consent of Lender. Tenant shall not terminate or seek to terminate the Lease until Tenant has given written notice, by registered or certified mail, return receipt requested, of said act or omission to Lender, which notice shall be addressed to East West Bank, 9300 Flair Drive, 6th Floor, El Monte, CA 91731; and until a period of time equal to the greater of: (a) the time allowed Owner under the Lease or (b) thirty days following such notice has elapsed, during which period Lender has the right, but not the obligation, to remedy such act, omission or other matter. If possession by Lender of the Property is necessary to effect such remedy and would be commercially reasonable, then the period of

Loan No. 582921 Page 2

Page 3

time for remedying such act or omission shall include a reasonable period of time for Lender to gain possession of the Premises, whether by foreclosure or otherwise.

- 7. <u>Tenant Representations and Warranties</u>. Tenant hereby represents and warrants that (a) the Lease is solely and exclusively for the Premises and/or the Property identified in Exhibit "A" attached to this Agreement, (b) the Lease is not a "master lease" for any other premises and/or property leased by Tenant and/or Owner, (c) any default under the Lease, and the exercise of Owner's rights and remedies in connection with such default, shall only impact and/or effect Tenant's obligations with respect to the Premises and/or the Property, and (d) any default by Tenant under any other lease with Owner or any other landlord, and the exercise of any such landlord's rights and remedies in connection with such default, shall not affect Tenant's obligations under the Lease.
- 8. <u>Miscellaneous.</u> This Agreement and each and every covenant, agreement and other provision hereof shall be binding upon and shall inure to the benefit of the parties hereto and their representatives, successors and assigns. This Agreement may not be modified orally or in any manner other than by an agreement in writing signed by the parties hereto or their respective successors in interest. The term "Lender" as used throughout this Agreement includes any successor or assign of Lender and any holder(s) of any interest in the indebtedness secured by the Deed of Trust. This Agreement and the rights and duties of the parties hereunder shall be governed for all purposes by the law of the State of California and the law of the United States applicable to transactions within such state. This Agreement may be executed in multiple counterparts, and by the different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed to be one and the same instrument with the same signature as if all parties to this Agreement had signed the same signature page.

IN WITNESS WHEREOF, the parties hereto have each caused this Agreement to be executed as of the date first above written.

### Owner:

Winson at Federal Way LLC, a Washington limited liability company

BY: Wei Zhang
Title: Member Manager

BY: Jenny Shih Title: Manayer

### Tenant:

Evergreen-State Restaurant Limited Partnership No. 4 d.b.a. Outback Steakhouse

Loan No. 582921

Lender:

 $\frac{1}{1+r} = \frac{1}{r} \cdot \frac{1}{r} \cdot \frac{1}{r}$ 

EAST WEST BANK

BY: SHENG-TA TSAI
TITLE: VP / PORTPOUR MANAGER

(ALL SIGNATURES MUST BE ACKNOWLEDGED)

Loan No. 582921

Page 4

EXHIBIT A LEGAL DESCRIPTION

Loan No. 582921 Page 5

### CERTIFICATE OF ACKNOWLEDGEMENT

State of WASHINGTON	
County of KING	
On 8/21/14 before me, FDWARD MADALINA personally appeared SFFREY KARL JONES	, a notary public,
on the basis of satisfactory evidence to be the person(s) whose name(s) is/ar instrument and acknowledged to me that he/she/they executed the same in h capacity(ies), and that by his/her/their signature(s) on the instrument the persobehalf of which the person(s) acted, executed the instrument.	, who proved to me re subscribed to the within is/her/their authorized
i certify under PENALTY OF PERJURY under the laws of the State of Californ and correct.  WITNESS my heart and official seal.	nia that the foregoing is true
i certify under PENALTY OF PERJURY under the laws of the State of Californ and correct.  WITNESS my herrotand official seal.	
Signature Notary Public  CERTIFICATE OF ADVINOVIER CEMEN	
CERTIFICATE OF ACKNOW FERENCE	IT
State of <u>WA</u> County of <u>King</u>	
on 11/2014 before me, Justin Real personally appeared Wei Zhang	, a notary public,
on the basis of satisfactory evidence to be the person(s) whose name(s) is/are instrument and acknowledged to me that he/she/they executed the same in hi capacity(ies), and that by his/her/their signature(s) on the instrument the personehalf of which the person(s) acted, executed the instrument.	is/her/their authorized
I certify under PENALTY OF PERJURY under the laws of the State of Californ and correct.	nia that the foregoing is true
TNESS my hand and official seal.  Signature Notary Public	Notary Public State of Washington JUSTIO REED International Expires (May 9, 2018

Loan No. 582921

4. .

Page 6

State of WA

County of King

On 9/1/2014 before me, Justin Read , a notary public, personally appeared Engl Shi , who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

WITNESS my hand and official seal.

Signature Notary Public

. . .

WASHINGTON SHORT-FORM INDIVIDUAL (RCW 42.44.100)	ACKNOWLEDGMENT
State of Washington  County of King	ss.
I certify that I know or have satisfactory	evidence that Sheng Ta Tsai Name of Signer
	is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.
Notary Public State of Washington HSIEN-YUN LI My Appointment Expires Sep 23, 2017	Dated:
Place Notary Seal and/or Stamp Above	My appointment expires: 09/23/2017
	PTIONAL
	this information can deter alteration of the document this form to an unintended document.
Description of Attached Document	
	٩
Document Date:	Number of Pages:7
Signer(s) Other Than Named Above:	
© 2013 National Notary Association • www.NationalNo	otary.org • 1-800-US NOTARY (1-800-876-6827) Item #5906

### **EXHIBIT A**

### LEGAL DESCRIPTION

LOTS 1 AND 6 AND TRACT A OF AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN / PUD, RECORDED SEPTEMBER 9, 2003 UNDER RECORDING NO. 20030909000708 IN VOLUME 216, PAGES 36 TO 38, IN KING COUNTY, WASHINGTON;

EXCEPTING THEREFROM THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER KING COUNTY RECORDING NO. 20050524000385.

SITUATE IN THE CITY OF FEDERAL WAY, COUNTY OF KING, STATE OF WASHINGTON.

# AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN/ PUD

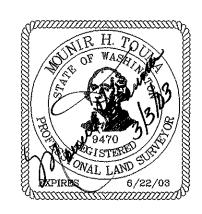
THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON

### **DEDICATION**

VE, THE UNDERSIGNED OWNERS OF THE HEREIN DESCRIBED PROPERTIES, MAKE A SUBDIVISION  RAPHICALLY REPRESENTED BY ATTACHED BINDING SITE PLAN.	
D. Mouin Sunt	
PY: BSP, LOT # 1, 5 AND 6  BY: BSP LOT # 1  WILL D'AULTON	
BY: BSP LOT # 7   AERINI B. ANDERSON  Executive Vice President &  Chief Florachi Officer	
Y: BSP LOT # 3	<b>&gt;</b> 
ACKNOWLEDGMENTS	
STATE OF WASHINGTON )	
COUNTY OF KING )	
THIS IS TO CERTIFY THAT ON THIS 12 th DAY OF March, 2003 BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED D. Michael Dumne Managing partner of DCGTT LCC  THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME	
THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.	
WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST, ABOVE WRITTEN.  NOTARY PUBLIC IN AND FOR THE STATE OF WASHINGTON, RESIDING AT WASHING AT	
STATE OF Ohio ) COUNTY OF Franklin )	
THIS IS TO CERTIFY THAT ON THIS 28th DAY OF March, 2003, BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED Kernib. Anderson Executive Vice President + CFO OF Wendy's Thernational, The That executed the foregoing dedication, and who acknowledged to me the said instrument to be the free and voluntary act and deed of said association, for the uses and purposes therein mentioned, and on oath stated that he was authorized to execute the said instrument.	
WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.	
DARCY B. MINAL  NOTARY PUBLIC IN AND FOR THE STATE OF  ON 10 RESIDING AT 5344 CAIED Dr.  CO LUNGUS, DH 43220  TO STATE OF COMMISSION EXPIRES AUGUST 23, 2005	
STATE OF SOUTH CAROLINA)	
COUNTY OF SPARTANBURG )	
THIS IS TO CERTIFY THAT ON THIS 2310 DAY OF LOWY, 2003 BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED MOUNTR N. SAWDA  OF DENNY'S BEALTY INC.  THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED	
THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.  WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.	
Omsky E Hemming Notary Public Notary Public	

NOTARY PUBLIC IN AND FOR THE STATE OF MY COMMISSION EXPIRES APRIL 22, 2004
South Calouna RESIDING AT 100 Due Hill Road

44NDRUM 50 29354



STATE OF Wash THIS IS TO CERTIFY THAT ON THIS 3044 DAY OF UNDERSIGNED, A NOTARY PUBLIC, PERSONALLY APPEARED THAT EXECUTED THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.

WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.

NOTARY PUBLIC IN AND FOR THE STATE

WA RESIDING AT TOWNS STATE OF Wash

COUNTY OF KING THIS IS TO CERTIFY THAT ON THIS_ OF __

THAT EXECUTED' THE FOREGOING DEDICATION, AND WHO ACKNOWLEDGED TO ME THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID ASSOCIATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATED THAT HE WAS AUTHORIZED TO EXECUTE THE SAID INSTRUMENT.

WITNESS MY HAND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.

NOTARY PUBLIC IN AND FOR THE STATE OF WA RESIDING AT KENT 98032

### ACCESS NOTES

NO DIRECT VEHICULAR ACCESS FROM SOUTH 320TH STREET TO LOTS 2, 3 AND 4 OR FROM LOTS TO SOUTH 320TH STREET IS ALLOWED. VEHICULAR MOVEMENTS BETWEEN TRACT B AND SOUTH 320TH STREET ARE SUBJECT TO THE FOLLOWING **RESTRICTIONS:** 

- 1. BETWEEN LOTS 2 AND 3 RIGHT IN ONLY
- 2. BETWEEN LOTS 3 AND 4 RIGHT OUT ONLY.
- 3. WEST OF LOTS 4 RIGHT IN, LEFT IN AND RIGHT OUT.

### SPECIAL NOTES

THE AMENDMENT TO THE "EVERGREEN PLAZA BINDING SITE PLAN/PUD" IS PREPARED TO ALTER THE LANGUAGE OF THE UNDERLYING "EVERGREEN PLAZA" PUD" AND ELIMINATE THE DRAINAGE TRACT LIMITATION FROM THE FACE OF THE

ZONING/COMPREHENSIVE PLAN - CITY CENTER CORE (ZONE =CC-C)

SHEET 1 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU

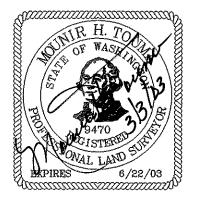


6632 SOUTH 191ST PLACE, SUITE E-102 . KENT, WA 98032 PHONE (425) 251-0665 • FAX (425) 251-0625

# AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN/ PUD

THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON

APPROVALS
CITY OF FEDERAL WAY
Examined and approved this 29 day of August , 2003
Kar Miller (Gr)
DIRECTOR OF PUBLIC WORKS
Examined and approved this 29th day of August , 2003
DIRECTOR OF COMMUNITY DEVELOPMENT
KING COUNTY DEPARTMENT OF ASSESSMENTS
Examined and approved this 3rd day of September, 2003
Scott Noble ASSESSOR
DEPUTY ASSESSOR
RECORDING CERTIFICATE
FILED FOR RECORD AT THE REQUEST OF THE FEDERAL WAY CITY COUNCIL THIS PASTAL A.D. 2003 . AT MINUTES PASTAL A.D. AND RECORDED
IN VOLUME OF PLATS, PAGE , RECORDS OF KING COUNTY.  KING COUNTY, WASHINGTON
DIVISION OF RECORDS AND ELECTIONS  3000 Losson Loss
MANAGER SUPERINTENDENT OF RECORDS
SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THIS BINDING SITE PLAN IS BASED UPON AN ACTUAL SURVEY AND SUBDIVISION OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4E, W.M., THAT THE COURSES AND DISTANCES ARE SHOWN CORRECTLY THEREON; I HAVE COMPLIED WITH ALL STATE COUNTY AND CITY REGULATIONS GOVERNING PLATTING
m. III
MOUNIR H. TOUMA PLS.
PROFESSIONAL LAND SURVEYOR CERTIFICATE NO 9470



### LEGAL DESCRIPTION

PARCEL A

TRACTS B, C AND LOT 1, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON;

TOGETHER WITH LOT 2 OF CITY OF FEDERAL WAY BOUNDARY LINE ADJUSTMENT NUMBER BLA 00-104493, RECORDED UNDER RECORDING NUMBER 20010215900003; EXCEPT THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER RECORDING NUMBER 200007211001417.

PARCEL B

LOT 1 OF CITY OF FEDERAL WAY BOUNDARY LINE ADJUSTMENT NUMBER BLA 00-104493, RECORDED UNDER RECORDING NUMBER 2001021500003.

PARCEL C

LOT 2, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON;

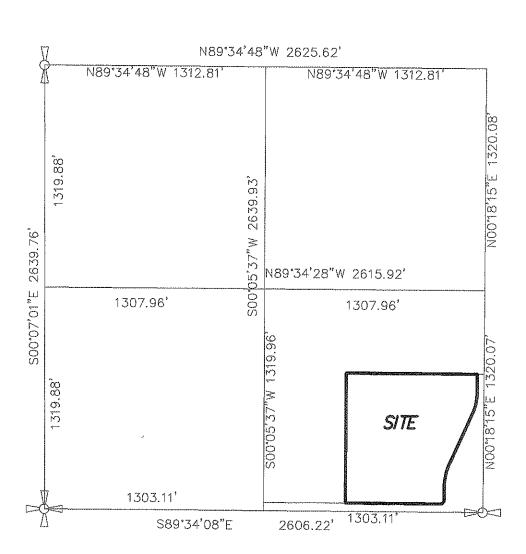
EXCEPT THAT PORTION CONVEYED TO THE CITY OF FEDERAL WAY BY DEED RECORDED UNDER RECORDING NUMBER 20000803000870.

PARCEL D

LOT 3, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON.

PARCEL E

LOT 4, EVERGREEN PLAZA, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 100 OF PLATS, PAGE 74, IN KING COUNTY, WASHINGTON.



### DEVELOPER:

DCG II, LLC 10818 SE KENT-KANGLEY RD. SUITE 104 KENT, WA. 98031

OWNERS:

DCG II, LLC 10818 SE KENT-KANGLEY RD SUITE 104 KENT, WA 98031 PHONE 253-852-6400

Denny's, Inc. 3345 Michaelson Drive Suite 200 Irvine, CA 92715

Wendy's International, Inc. 4288 W. Dublin Granville Road Dublin, Ohio 43017

Washington Federal Savings and Loan 1119 Pacific Avenue, M.S. 0291 Tacoma, WA 98402

ARG Enterprises, Inc. 4410 El Camino Real Suite 201 Los Altos, CA 94022

SURVEYOR:

TOUMA ENGINEERS/LAND SURVEYORS 6632 SOUTH 191ST PLACE SUITE E102 KENT, WA 98032 PHONE 425-251-0665

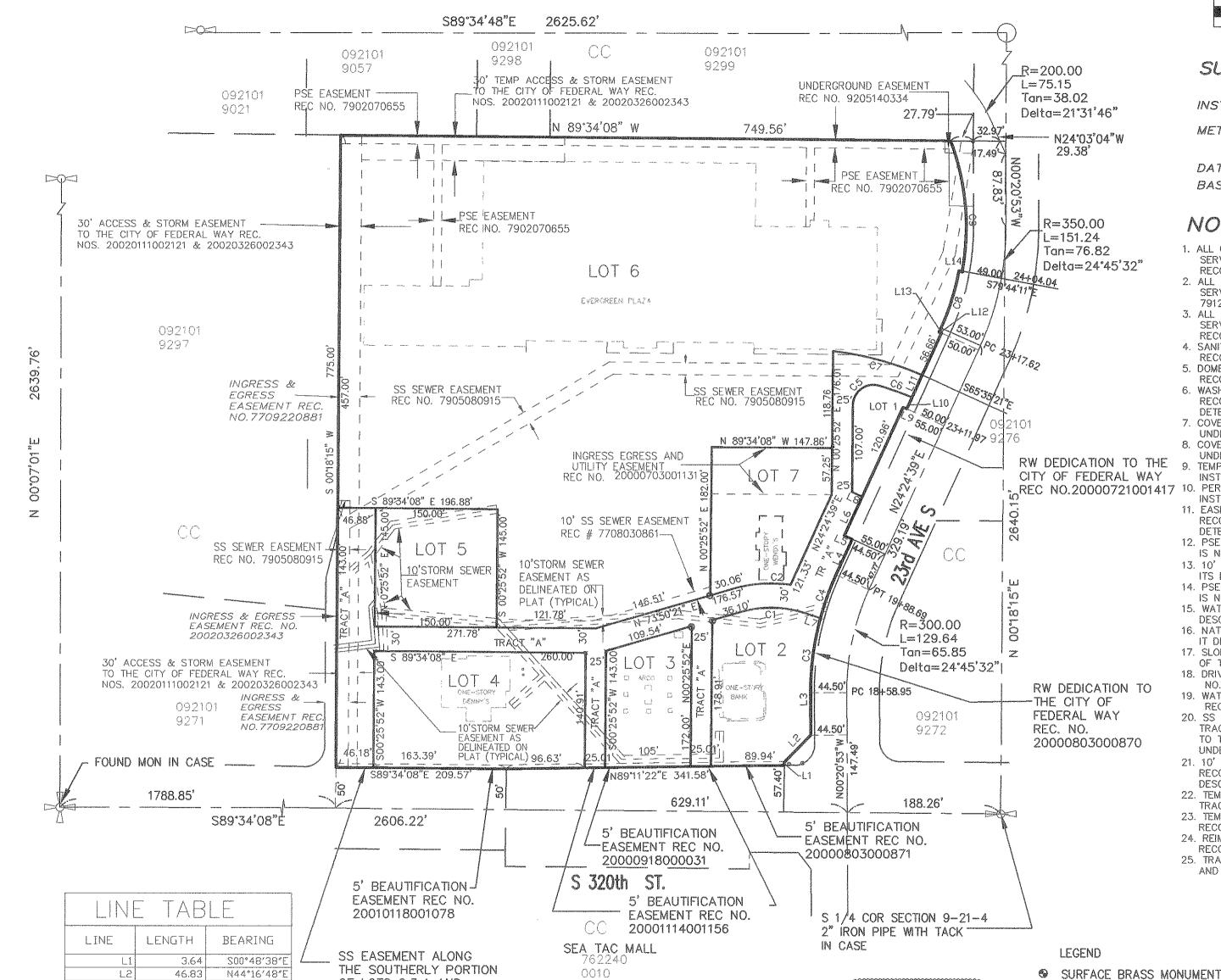
SHEET 2 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU



6632 SOUTH 191ST PLACE, SUITE E-102 . KENT, WA 98032 PHONE (425) 251-0665 • FAX (425) 251-0625

THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON



CURVE

C2

C4

C5

C6

С7

C9

LENGTH | RADIUS |

80.33

70.47

92.1

56.70

46.16

42.94

113.49

73.59

162.65

OF LOTS 2,3,4 AND

7606170594 SEE NOTES

TR "A" REC NO.

52,06

47,77

10,50

19.76

5.00

15.36

30.01

5.62

L12

L13

L14

N00°20′53″W

S24°24'39"W

N65°35'21"W

S24°24'39"W

N72°04'08"W

N65°35′21″W

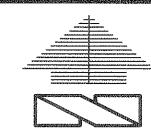
S24°24'39"W

S24°24'39"W

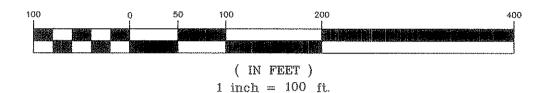
N65°35'21"W

S79°44′11″E

S24°24'35"W



### GRAPHIC SCALE



### SURVEY NOTES

INSTRUMENT: NIKON TOTAL STATION DTM-A10LG (5 SECOND INSTRUMENT). METHOD USED: FIELD TRAVERSE WITH ACTUAL FIELD MEASUREMENTS AND ANGLES

WAC 332-130-090 DATE OF SURVEY: JUNE 2001

BASIS OF BEARING: THE PLAT OF EVERGREEN PLAZA VOL. 100,

PAGE 74, RECORDS OF KING CO.

### NOTES

- 1. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENT FOR OTHER SERVITUDES, IF ANY, DISCLOSED BY THE RECORDED PLAT OF EVERGREEN PLAZA, AS RECORDED IN VOLUME 100 OF PLATS, PAGE 74, RECORDS OF KING COUNTY, WASHINGTON,
- 2. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY DISCLOSED BY THE SHORT PLAT RECORDED UNDER RECORDING NO. 7912270667, RECORDS OF KING COUNTY, WASHINGTON.
- 3. ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY DISCLOSED BY THE BOUNDARY LINE ADJUSTMENT RECORDED UNDER
- RECORDING NO. 20010215900003, RECORDS OF KING COUNTY, WASHINGTON.
  4. SANITARY SEWER EASMENT & AGREEMENT AND TERMS AND CONDITIONS RECORDED UNDER
- RECORDING NO. 7810090769, RECORDS OF KING COUNTY, WASHINGTON 5. DOMESTIC WATER EASEMTN & AGREEMENT AND TERMS AND CONDITIONS RECORDED UNDER
- RECORDING NO. 7810090768, RECORDS OF KING COUNTY, WASHINGTON.

  WASHINGTON NATURAL GAS COMPANY EASEMENT AND TERMS AND CONDITIONS
  RECORDED UNDER RECORDING NO. 9411180603. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
- 7. COVENANTS, CONDITIONS AND RESTRICTIONS IMPOSED BY INSTRUMENT RECORDED
- UNDER RECORDING NO. 9510121424, IN KING COUNTY, WASHINGTON. 8. COVENANTS, CONDITIONS AND RESTRICTIONS IMPOSED BY INSTRUMENT RECORDED
- UNDER RECORDING NO. 9808101434, IN KING COUNTY, WASHINGTON.
- 9. TEMPORARY CONSTRUCTION EASEMENT AND THE TERMS AND CONDITIONS IMPOSED BY INSTRUMENT RECORDED UNDER RECORDING NO. 20000721001418.
- REC NO.20000721001417 10. PERMANENT BEAUTIFICATION EASEMENT AND THE TERMS AND CONDITIONS IMPOSED BY INSTRUMENT RECORDED UNDER RECORDING NO. 20001117001156.
  - 11. EASEMENT AND THE TERMS AND CONDITIONS FOR PUGET POWER UNDERGROUND EASEMENT RECORDED UNDER RECORDING NO. 7912280536. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 12. PSE EASEMENT RECORDED UNDER RECORDING NO. 7707070686. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 13. 10' WATER EASEMENT EASEMENT RECORDED UNDER RECORDING NO. 7606170697 ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 14. PSE EASEMENT RECORDED UNDER RECORDING NO. 7912280536, ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 15. WATER EASEMENT RECORDED UNDER RECORDING NO. 8002250543. ITS DESCRIPTION IS NOT SUFFICIENT TO DETERMIN ITS EXACT LOCATION.

  - 16. NATURAL GAS EASEMENT RECORDED UNDER RECORDING NO. 9205140334.

    IT DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.

    17. SLOPE EASEMENT AFFECT THE EAST BOUNDARY OF TRACT A, B AND LOT 1
  - OF THE ORIGINAL PUD RECORDED UNDER RECORDING NO. 7610010118.
  - 18. DRIVEWAY EASEMENT OVER LOT 1 RECORDED UNDER RECORDING
  - NO. 2000070300130. 19. WATER MAINTENACE EASEMENT ACROSS LOT 1 OF FWBLA 00-104493
  - RECORDED UNDER RECORDING NO. 20010302002469.
  - 20. SS EASEMENT ALONG THE NORTH 15 FEET OF THE SOUTH 65 FEET OF TRACT A, LOTS 2,3 AND 4 MEASURED AT RIGHT ANGLES AND PARALLEL TO THE CENTERLINE OF SOUTH 320TH STREET RIGHT OF WAY RECORDED UNDER RECORDING NO. 7606170594.
  - 21. 10' WATER EAEMENT ALONG THE SOUTH PORTIONS OF LOTS 2. 3 AND 4 RECORDED UNDER RECORDING NO. 7606170697. ITS
  - DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.
  - 22. TEMPORARY CONSTRUTION EASEMENT ALONG THE EAST BOUNDARY ( TRACTS A, LOTS 1 & 6 RECORDED UNDER RECORDING NO. 20000721001418.
  - 23. TEMPORARY CONSTRUCTION EASEMENT ALONG THE EAST BOUNDARY OF LOT 2
  - RECORDED UNDER RECORDING NO. 20000803000872 24. REIMBUSEMENT, TOLLING & STANDSTILL AGREEMENT AFFECTS LOT 4
  - RECORDED UNDER RECORDING NO. 20000628001265.
  - 25. TRACT A OF THE AMENDED EVERGREEN PLAZA IS FOR THE PURPOSE OF VEHICULAR AND PEDESTRIAN TRAFFIC ACCESS WITHIN THE PLAZA.

\$197724444744144414141414141414141414141414	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
BSP LOT NO.	EXISTING LOT NO.	AREA-SI
LOT 1	LOT 1 OF PUD	5,535
LOT 2	LOT 2 OF PUD	22,663
LOT 3	LOT 3 OF PUD	16,533
LOT 4	LOT 4 OF PUD	37,078
LOT 5	TRACT "C" OF PUD	21,750
LOT 6	LOT 2 OF FWBLA 00-104493	341,390
LOT 7	LOT 1 OF FWBLA 00-104493	22,409
TRACT "A"	TRACT "8" OF PUD	51,797

SHEET 3 OF 3

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU

SET 1/2" REBAR

CO QUARTER CORNER

DÖ□ SECTION CORNER

O FOUND REBAR & CAP OR IRON PIPE

**M** PK NAIL

STRH. TO

6/22/03

DELTA

15°19'44'

09°25'48

06°38'57

16°15'23'

14°11'48'

135.00 34°05'31

165.00 24°28'20

25.00 105°46'59

301.00 30°57'40'

344.50

344.50

370.00

400.00

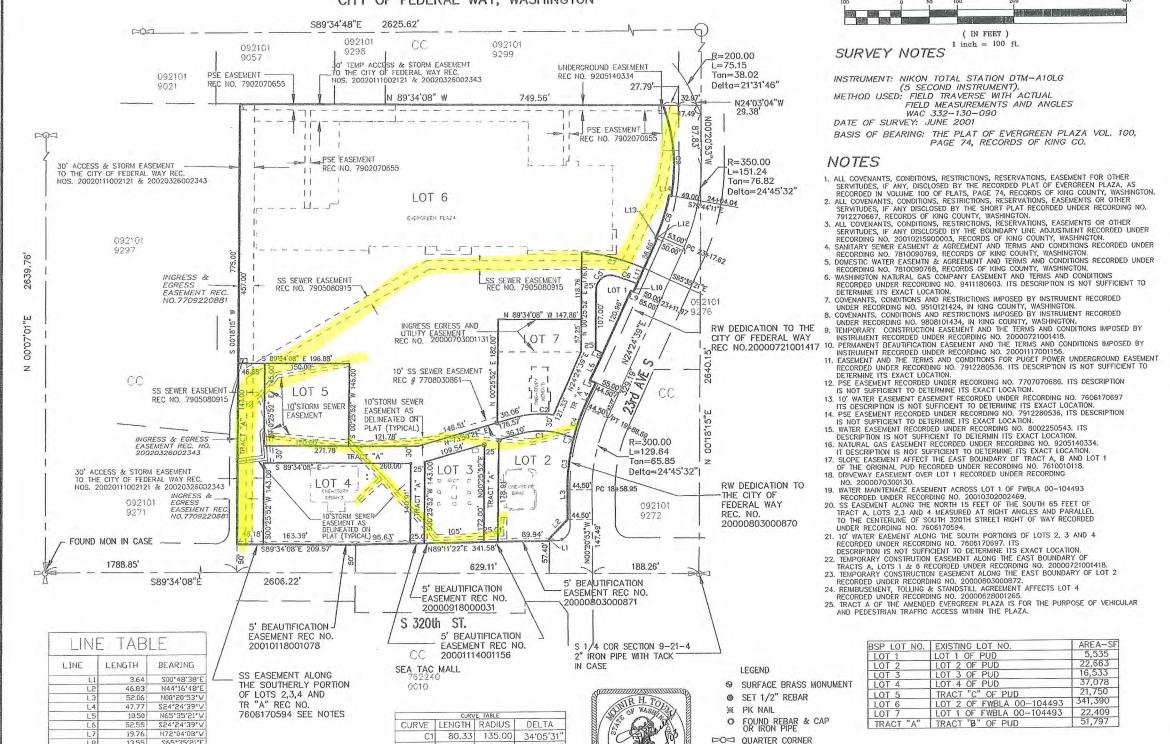
297.00



6632 SOUTH 191ST PLACE, SUITE E-102 ° KENT, WA 98032 PHONE (425) 251-0665 • FAX (425) 251-0625

### AMENDMENT TO EVERGREEN PLAZA BINDING SITE PLAN/ PUD

THAT PORTION OF THE SE1/4 OF THE SW 1/4 OF SECTION 9, TOWNSHIP 21 NORTH, RANGE 4 EAST, W.M. CITY OF FEDERAL WAY, WASHINGTON



70.47 165.00

92.17 344.50

56.70 344.50

42.94 370.00

113.49 400.00 73.59 297.00

25.00

C9 162.65 301.00 30°57'40"

46.16

4.00 \$79°44'11°E

24'28'20'

15'19'44'

09'25'48'

105°46'59'

06'38'57

16'15'23' 14"11'48'



### GRAPHIC SCALE



1 inch = 100 ft.

### SURVEY NOTES

INSTRUMENT: NIKON TOTAL STATION DTM-A10LG (5 SECOND INSTRUMENT). METHOD USED: FIELD TRAVERSE WITH ACTUAL FIELD MEASUREMENTS AND ANGLES WAC 332-130-090

DATE OF SURVEY: JUNE 2001 BASIS OF BEARING: THE PLAT OF EVERGREEN PLAZA VOL. 100, PAGE 74, RECORDS OF KING CO.

### NOTES

- IT DESCRIPTION IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION.

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  19. WATER MAINTENAGE EASEMENT ACROSS LOT 1 OF FWBLA 00—104493
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	TRACT 'B" OF PUD	51,797

SHEET 3 OF 3

PHONE (425) 251-0665 • FAX (425) 251-0625

TOUMA ENGINEERS & LAND SURVEYORS 6632 SOUTH 191ST PLACE, SUITE E-102 . KENT, WA 98032

DATE: FEBRUARY 1, 2003 CITY FILE NO. 02-102953-SU

SECTION CORNER

# Cleanup Site Details

1/20/2017

# KING COUNTY

SITE ID:	Y Pay Mor Drycleaner				Clear	Cleanup Site ID: 3180	FS ID: 2518
	Alternate Name(s):	SEA TAC PLAZA,	SEA TAC PLAZA, SEA-TAC PLAZA, Y PAY MOR DRYCLEANER	PAY MOR DRYCLE	ANER		
LOCATION:			WRIA: 10	Lat/Long:	47.317	-122.305	View Vicinity Map
Address:	Address: 2210 S 320TH			Township	Range	Section	Legislative District: 30
	FEDERAL WAY	98003		21N	Æ	9	Congressional District: 9
STATUS:	No Further Action		Rank:		View Site Web Page	eb Page	View Site Documents
	Responsible Unit: Northwest	Site Manager:	Site Manager: Atkinson, Elaine		Statute: MTCA	ПСА	
	Is Brownfield?	Has Enviror	Has Environmental Covenant? Yes	Yes	Is PSI Site?		
-	NFA Received? Yes	NFA Date:	NFA Date: 10/22/1998	NFA Reason:	NFA-Independent Re	NFA Reason: NFA-Independent Remedial Action Program Review	

1292 Y Pay Mor Drycleaner

Upland **Unit Type** 

Voluntary Cleanup Program

**Process Type** 

**Unit Status** 

Size (Acres)

N18783 ERTS ID

No Further Action Required

ASSOCIATED CLEANUP UNIT(s)

culD

Cleanup Unit Name

Applies to:	Related ID (Unit-LUST-VCP)	Activity Display Name	Status	Start Date End Date	End Date	Legal Mechanism Performed By	Performed By	Project Manager
CleanupSite		Site Discovery/Release Report Received	Completed 8/8/1991	8/8/1991	8/8/1991			Northwest Region
CleanupSite		Initial Investigation / Federal Preliminary Assessment	Completed 8/6/1991	8/6/1991	8/6/1991		Ecology	Northwest Region
CleanupSite		Site Status Changed to NFA	Completed	Completed 10/22/1998 10/22/1998	10/22/1998			
Upland		Independent Report Review - Paid	Completed 1/6/1995	1/6/1995	6/8/1995		Ecology	Atkinson, Elaine

# AFFECTED MEDIA & CONTAMINANTS:

Media:

Base/Neutral/Acid Organics	Contaminant:
R	Ground Water
	Surface Water
R	Soil
	Sediment
	Air
	Bedrock

- Key:

  B Below Cleanup Level
  C Confirmed Above Cleanup Level
  S Suspected
- R Remediated
  RA Remediated-Above
  RB Remediated-Below

### JEPARTMENT OF ECOLOGY

ERT SYSTEM - INITIAL REPORT/FOLLOWUP UNIQUE RECORD #: N5617 COORDINATOR: BELINDA HOVDE REPORT TYPE: DATE/TIME REC'D: 08/08/91 12:00:00 ______ ______ REPORTER'S NAME: LT. BRAD SMITH BUSINESS NAME: FEDERAL WAY F/D BEST TIME ADDRESS: FEDERAL WAY WA OR ANONYMOUS: TO CALL: WORK PHONE: (206)-972-9649 EXT. HOME PHONE: ______ DETAILS ON INCIDENT: NEAREST CITY: FEDERAL WAY COUNTY: KING WRIA #: WATERWAY: LOCATION: 2210 S 320, FEDERAL WAY WEATHER: TIDE: DETAILS ON ALLEGED VIOLATOR: CONTACT'S NAME: NAME & ADDRESS: PHONE NUMBER AND Y 'PAYMORE' CLEANERS 2210 S 320 WA 98003 FEDERAL WAY VEHICLE INFORMATION: DESCRIPTION OF CONTAMINANT: (PROVIDED BY REPORTER) MEDIUM: BLDG/STRUC OTHER: DRY CLEAN CHEMICALS CHEMICALS MATERIAL: QUANTITY: 6 GALLONS COMMERCIAL SOURCE: DRY CLEANERS SPILLED 6 GALLONS OF DRY CLEANING SOLUTION, COMMENTS: TETRACHLOROETHYLENE. TRIED TO ABSORB W/ BLANKETS. ONLY INSIDE BLDG. MACHINE OVERHEATED. PEOPLE HAVING REACTION TO CHEMICALS. HAZMET AT LEVEL B. MATERIAL IN DRUMS. CHEMPRO FINISHING. EVERYTHING OK. TRAP O'BRIEN REFERRED TO PROGRAM: SPILLS SECTION HEAD: EXTERNAL REFERRAL? (Y/N): N

INVESTIGATION COMPLETED? (Y/N): Y IF YES, COMPLETE SECOND PAGE OF FORM.

IF EXTERNAL, WHAT AGENCY:

**************

IDENT#: N5617

DEPARTMENT OF ECOLOGY SYSTEM - INITIAL REPORT/FOLLOWUP PAGE 2 OF 2

INTERNAL REFERRAL INFORMATION:

NAME OF STAFF PERSON: HOOVER

IMPACT:

08/06/91 DATE RECEIVED:

DATE INVESTIGATED:

08/06/91

ACTION TAKEN:

TELEPHONE

BOTH

DATE COMPLETED:

08/06/91

CAUSE OF INCIDENT:

EQUIP FAILURE

LUST:

N

(UNK, GW, SW) POINT:

(UNK, SW, PRETMT)

NONPOINT:

_____

ACTUAL VIOLATOR INFORMATION:

CONTACT:

ADDRESS: CITY:

NAME: Y 'PAYMORE' CLEANERS 2210 S 320

FEDERAL WAY

98003 WA

HOME: WORK:

ACTUAL CONTAMINANT:

BLDG/STRUC MEDIUM: MATERIAL: CHEMICALS

6 GALLONS

QUANTITY: COMMERCIAL SOURCE:

DRY CLEAN CHEMICALS OTHER:

ENFORCEMENT SENSITIVE? (Y/N): N

CROSS-REFERENCES TO OTHER SYSTEMS: N. 17- 5295 -000

______

OTHER RELEVANT INFORMATION:

SPOKE TO LT. SMITH. SITUATION HANDLED.

REPORT SUBMITTED FOR REVIEW THROUGH

TRAP. INTERIM LETTER ISSUED 6 8 95. REFE to N18783. NFA issued 10/22/98. Restrictive

Coverant filed . Per & to Don Cargill

WRITE ANY ADDITIONAL INFORMATION ON BACK OF FORM:

DEPARTMENT OF ECOLOGY

PAGE 1 OF 2

COORDINATOR: MARY O'HERRON UNI	QUE RECORD #: N18783 REGION: N
DATE/TIME REC'D: 03/20/95 10:33:44	REPORT TYPE: INITIAL
REPORTER'S NAME: DALE KRAMER	BUSINESS NAME:  100 AGRA EARTH & ENVIRONMENTAL WA BEST TIME R ANONYMOUS: TO CALL: HOME PHONE:
DETAILS ON INCIDENT: COUNTY: KING WATERWAY: LOCATION: 2210 S 320TH ST	NEAREST CITY: FEDERAL WAY WRIA #:
WEATHER: UNKNOWN TIDE:	
DETAILS ON ALLEGED VIOLATOR:	CONTACT'S NAME:  MALL PHONE NUMBER AND EXT:
VEHICLE INFORMATION:	
DESCRIPTION OF CONTAMINANT: (PROVIDED MEDIUM: SOIL MATERIAL: CHEMICALS QUANTITY: UNKNOWN	BY REPORTER)  OTHER: PCE
COMMENTS: REPORT SUBMITTED FOR REVIEW REMEDIAL INVESTIGATION AND	THROUGH IRAP. REPORT SUMMARIZES REMEDIAL ACTION TAKEN REGARDING PCE IN POR EXTRACTION SYSTEM WAS INSTALLED AND 1/2 YEARS. THEY WOULD LIKE TO CEASE
REFERRED TO PROGRAM: TCP	SECTION HEAD: GALLAGHER-I.I.
EXTERNAL REFERRAL? (Y/N): N	
IF EXTERNAL, WHAT AGENCY:	
INVESTIGATION COMPLETED? (Y/N): N IF YES, COMPLETE SECOND PAGE OF FOR	м.

CONTINUED ON PAGE 2

IDENT#: N18783	DEPARTMENT OF ECOLOGY PAGE 2 OF 2 ERT SYSTEM - INITIAL REPORT/FOLLOWUP
INTERNAL REFERE	L INFORMATION:
NAME OF STAFF F	DATE RECEIVED: DATE INVESTIGATED: DATE COMPLETED:
ACTION TAK CAUSE OF INCIDE IMPA	DATE INVESTIGATED:  DATE COMPLETED:  ST. Soil 90 Contain  (UNK, GW, SW) POINT:  (UNK, SW, PRETMT)
ACTUAL VIOLATOR	
NAME: North of ADDRESS: 801 Seattle	vest Bldg. Corp. ond Ave, 1300 Norton Bldg ,WA 98104  464-5255
ACTUAL CONTAMIN	ANT:
MEDIUM: 50 MATERIAL: hale QUANTITY: SOURCE:	genated organics other: perchloroethylene. inown hardling
ENFORCEMENT SE	SITIVE? (Y/N): N s to other systems: N-17-5295-000, NUMAN N5617
organ	extraction reduced concentrations of halogenated is in soil; however, concentrations still exceeded up levels. A restrictive covenant was extere required, along with short term confirmation ing. Interim letter issued through IRAP. 6-9-9 issued to 22-91 approximately. Restrictive Covenant filed.

COMPLETED

Cloud out TITS

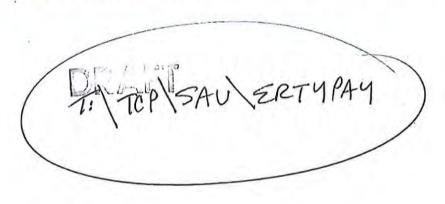
11/3/96

WRITE ANY ADDITIONAL INFORMATION ON BACK OF FORM:

Mease return to

RECORDER: O'HENRON	REPORT TYPE: / N/ TIM REPORT #:
DATE & TIME RECEIVED:/_	**************************************
REPORTER'S NAME: DALE KRAME	R ANONYMOUS:
BUSINESS NAME: AGRA EARTH &	ENVIRONMENTAL
ADDRESS: 11335 NEE 122ND W	AY, SUITE 100 PHONE WK: (206)820-4669
KIRKLAND ,WA	PHONE HM:
COUNTY: KING	NEAREST CITY: FEDERAL WAY
NATERWAY:	WRIA #:
*******	
	************
ALLEGED VIOLATOR:	
ALLEGED VIOLATOR: NAME: Y-PAY-MOR DRYCLEANERS ADDRESS: 2210 S. 320TH STRE	/BEST SHOPPING MALL PHONE WK:
ALLEGED VIOLATOR: NAME: Y-PAY-MOR DRYCLEANERS	/BEST SHOPPING MALL PHONE WK:
ALLEGED VIOLATOR: NAME: Y-PAY-MOR DRYCLEANERS ADDRESS: 2210 S. 320TH STRE FEDERAL WAY, WA VEHICLE INFORMATION:	/BEST SHOPPING MALL PHONE WK: ET PHONE HM: CONTACT:
ALLEGED VIOLATOR: NAME: Y-PAY-MOR DRYCLEANERS ADDRESS: 2210 S. 320TH STRE FEDERAL WAY, WA VEHICLE INFORMATION: ************************************	/BEST SHOPPING MALL PHONE WK: ET PHONE HM: CONTACT:
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investigation and remedial action taken regarding PCE in soil and groundwater. A vapor extraction system was installed and has been in operation for 1 1/2 years. They would like to cease remediation through a NFA determination.



FEDERAL WAY FIRE DEPARTMENT

INCIDENT 4928 - O (ACT) TY 107135 )

PAGE NO. 1

OCT 9, 1991

### FIRE INCIDENT REPORT

SECTION A - COMPLETE FOR ALL INCIDENTS FDID 17D39 INCIDENT NUMBER 4928 - 0 MULTIAGENCY NO. 0
DATE 10/04/91 DISPATCH TIME 1516 ARRIVAL TIME 1521 END TIME 1545
ADD DAYS O FIRST IN COMPANY 914 DISTRICT 1961F PROPERTY MANAGEMENT 1 AUTOMATIC OR MUTUAL AID 0 METHOD OF ALARM 1 SITUATIONS FOUND 42 91 0 0 ACTIONS TAKEN 63 64 71 82 WEATHER 1 AIR TEMPERATURE 60 CENSUS 0300.00 INCIDENT ADDRESS/LOCATION 2210 S 320 ST FW ZIP CODE 98003- FIRE HAZARD ZONE O ROOM/APARTMENT PEOPLE INVOLVED: CODE PO NAME GARY R MARTINDALE DUB / / O ADDRESS 6124 1/2 MOTOR AVE TACOMA98499 PHONE (206) 588-4425 NAME GARY R MARTINDALE DOB / / O CODE OC NAME SOD KANG CHANG DOB / / O
ADDRESS 2210 S 320 ST FW 98003 PHONE (206) 946-2369
RESPONDED: PAID 9 VOLUNTEER O ENGINE 3 TRUCK O AERIAL
CMND 2 EMS O TANKER O RESCUE O HAZMAT O OTHER O AERIAL 1 GENERAL PROPERTY USE 52 SPECIFIC PROPERTY USE 796 OCCUPANCY TYPE STRUCTURE STATUS 2 OCCUPIED AT TIME OF INCIDENT 1 MOBILE PROPERTY INVOLVED: STATE TYPE 98 VEHICLE LICENSE MODEL YEAR O MAKE VIN ICC/DOT PERMIT

SECTION B - COMPLETE FOR CASUALTIES

FIRE SERVICE INJURIES O FIRE SERVICE FATALITIES O

NON-FIRE SERVICE FATALITIES O

SECTION C - COMPLETE FOR ALL FIRES
CONTRIBUTING FACTORS O O AREA OF FIRE ORIGIN O LEVEL OF FIRE ORIGIN
FROM TRAVELED SURFACE O FORM OF HEAT OF IGNITION O IGNITION FACTOR O
CONTRIBUTING PERSONS #1 SEX/DOB / / O
TYPE OF MATERIAL FIRST IGNITED O FORM OF MATERIAL FIRST IGNITED O
METHOD OF EXTINGUISHMENT O PROPERTY LOSS O CONTENTS O
FUEL MODEL ACRES BURNED O. O
EQUIPMENT INVOLVED:
TYPE O MODEL YEAR O

MAKE SERIAL NO

SECTION D - COMPLETE FOR ALL STRUCTURE FIRES

CONSTRUCTION TYPE O ROOF COVERING O NUMBER OF STORIES O

FLAME DAMAGE O SMOKE DAMAGE O TYPE OF MATERIAL GENERATING MOST SMOKE O

FORM OF MATERIAL GENERATING MOST SMOKE O AVENUE OF SMOKE TRAVEL O

DETECTION SYSTEM TYPE O POWER O PERFORMANCE O REASON FOR FAILURE O

EXTINGUISHER SYSTEM: TYPE O PERFORMANCE O REASON FOR FAILURE O

SPRINKLER HEADS: TYPE O NUMBER ACTIVATED O

SECTION E - COMPLETE FOR EMS
SITUATIONS FOUND O O O NUMBER OF PATIENTS O
HIGHEST LEVEL OF CARE PROVIDED: FIRE O OTHER O
FRANSPORTED BY: PVT AMB O PUB AMB O FIRE DEPT O OTHER O



FEDERAL WAY FIRE DEPARTMENT INCIDENT 4928 - O (ACTI Y 107135 ) PAGE NO. 1 OCT 9, 1991

### FIRE INCIDENT REPORT

SECTION F - COMPLETE FOR HAZMAT
AREA OF RELEASE 38 LEVEL OF RELEASE A01 RELEASE FACTORS 22 32 42 56 EST CHEMICALS RELEASED 1 EQUIPMENT INVOLVED 42 ACTIONS TAKEN 0 43 44 63
DISPOSITION OF INCIDENT 7 IDENTIFICATION SOURCES USED 11 13 43 72
EIRE SERVICE IN URIES O STREET COUNTY EATALITIES O
FIRE SERVICE INJURIES O FIRE SERVICE FATALITIES O NON-FIRE SERVICE FATALITIES O
HAZARDOUS MATERIAL IDENTIFIED:
NAME PERCHLOROETHYLENE DOT ID O DOT HAZARD CLASS 9 CAS NO.
STATE STORED 2 STATE RELEASED 2 QUANTITY RELEASED 5 UNITS 12
CONTAINER: TYPE 10 MATERIAL 1 DESC 1 CONSTRUCTION O CAPACITY 45 UNITS C
SECTION G - COMPLETE IF OTHER THAN FIRE OR SHORT REPORT LOCAL USE STATE USE
SECTION H - COMPLETE FOR ALL INICDENTS
MEMBER MAKING REPORT OFFICER IN CHARGE FO26/PDAGUE JR., ROBERT A.
FOBB/SMITH, BRAD K. FO26/POAGUE JR., ROBERT A.
SIGNATURE
REVIEWED BY



C DELL .

INCIDENT #91-4928 ACTIVITY # 9 107/35 5 320 ST. (ACTUAL 2210 5 320) ADDRESS 2120 1916,914,9010,942,962,902 + FMO PERSONNEL RESPONDED TO A REPORTED CHEMICAL SPILL @ THE "Y" PAY MUR" CLEANERS 2210 5 220 ST. REPORTED BY PROPERTY MAINTENANCE PERSONNEL. @ 914 ARRIVED (SEE AddITIONAL NAMESTOO) AND ASSISTED WITH ISOLATION OF SITE S EVACUATION OF OCCUPANCY. THE DWNER OF THE BUSINESS MR. SOO KANG CHANG STATED THERE WAS NO-PROBLEM INSIDE . LT FROM 916 ASILID 914 CRIW TO EVALUATE INITION OF BLOG IN SCBA AND BUNKER GRAIL & MR CHANG. MR. CHANG'S SURVEY AND STATEMENTS ARE INCLUDED IN 914'Y NARRATIVE. 914 INITIALLY REPURTED NO-SPILL. ALL WAITS BUT 9/1, 914, 906 WELLS RETURNED. WHILE METAINING CONTACT INFORMATION 916 OFFICER DISCOURCE MR. CHANG ATTEMPTING TO WIDE UP A BIACILIBROWN TAR SUBSTANCE FROM THE FLOOR NEAR THE DRY CHEANING MACHINES, I ASTED MR. CHANG, WHAT THE SPICED PROPULT LINAS AND HE STATED " NOT "PERCH" THIS OIL FROM MACHINE! IT WAS LATER IDGATIFIED BY PHONE AS PERCHLORO ETHYLENE 99.9% CONCENTRATED SLUDGE: CONFIRMED BY RON NELSON OF "SAFETY KEEN" IN AURURUS MI MELSON'S COMPANY RE QUOTESSES THIS WASTE INITO (15 AFLE PRODUCT. (939-2002). SEE PHONE LOG FOR CONTACT TIME. ONCE THIS PRODUCT WAS IDEATIFIED THE BUSINESS WAS EVACUATED; SECURED AND AIR HANDLING, SYSTEMS SHUT DOWN. AdjALGUT OCCUPANCISS WYRE CHECKED FOR SXTENSION חוחחיי וויחד דרייוחחח

### FIRE INCIDENT REPORT NARRATIVE

INCIDE	NT # 91-498 ACTIVITY # 107135
ADDRE	ess 2210 5 320 ST. SE Y PAY MOR CLEANIERS
	SSISTANCE FROM THE DEDT OF ECOCOGY WAS REQUESTED IN
	DUNTIFYING PUTSNITIAL CONTAMINATION & MITILATION PROCEDURES
1.50	- WAS SYDLAINED TO MR CHANG THAT THE SOILL WOULD RECLIRE
_	CHANGE BY A CICHUSTO HAZ WAT CONTRACTOR AND HEWAS
1.6	
20 4 44 17	ISSTANT ABOUT THE MAD FOR THIS CLEAN-4D. PADT OF ECOLOGY
	7555750 T EXPLAINING THE NISED FOR PROPER CLEANING
	DISPOSAC
10 0	HAMPED DIVISION OF BURLINGEN SALVERGNAMMENTAL WAS 52 LF.
1	By AND CONTACTED BY MR. CHANG FUR CLAN UP. THIN WERE
3	ALLED TO THE SCENE BY MR CHANG MID CONMACTED WITH
34	
13	MR (HANG TO CLEAN UP THE SPICESD AND CONTAMINATION)
	MATSRINGS. GARY BALDWIN WITH CHAMPRO ARRIVED WITH HIS
	CREW AT 2045 TO BEEN CLEANUP OPERATIONIS. THE DEUS
Parameter (	THEIR PLAN. O THEY ARE OUR PACKING AND STRING ALL
Anna anna	CONTAMINATED RAGS, HARDWARZ & Driums o
	MATERIAL PROPERTY AND THE PROPERTY OF THE PROP
	SCLUGAT THE FOOR AREAS CONTAMINATION
	(3) STORE ALL WASTE ON SITE AND TEST FOR
	CLASSIFICATION OF PRODUCT ON MONDAY.
(F)	POUR CHIST CROSSON AND THE BLIXE OFFICIAL THE BUSINESS IS
	TO REMAIN CLOSED WATIL THE RESULTS OF THE PRODUCT
Ŋ	
-	ANACYSIS ARE KNOWN AND COMPLETE DECONTRACTION 25
1.4	THE SITE IS ASSUREDO FUND STATED NO CURRENT HAZIN

### DET I.

### FIRE INCIDENT REPORT NARRATIVE

. 1	ENT # 91-4908 ACTIVITY # 107/35
DDR	ESS 3310 S 330 57.
0) 1	TYMS LIFT TO CONSIDER AND ACT UPON.
	1 DEPT OF LABOR AND INDUSTRIES INSPECTION FOR
	WORKER SAFETY & RIGHT TO KNOW ISSUES.
1	@) THE DECEPTION BY MR. CHANG AS TO THE SPICLED
	MATSRIALS NATURE AND STATING THE PRODUCT WAS
	NOT SOILLED.
	3 HEALTH DEPARTMENT MORIFICATION DUG TO POSSIBLE
	PUBLIC SYPOSURE OF CUSTOMES.
	A) PERMIT 155445 FOR HAZ MAT PRIMIT FROM FORD
_	6) REMOVAL OF CONTAMINIANTS FROM THE SITE.
)	Supplimental Reports ATTACHED.
	(1) 914'S RSPORT NARATIVE
	6) SYPOSURE CONTAMINATION REPORTS
	B) FINO'S SUPPLEMENTAL WARRATIOES / AIDTES.
	Besure
0	NOTE: MR MARTINDALE (PROPERTY MENS HAS STELL
	, PHOTO GRAPHS OF THE AREA PRIOR TO
	ANY CLEAN UP STARTING. HESTATED
	HE WOULD MAKE THEM AVAILABLE TO
	OUR INVISTIGATION.

COPY

### FIRE INCIDENT REPORT

FIRE INCIDENT REPORT	
NARRATIVE	
INCIDENT # 91-4928 ADDRESS 2)20 S.320 FW	
INCIDENT # 91-4928 ADDRESS 2120 S.320 FW (2210 ACTUAL ADDRESS)	
	_
914 to CHEMICAL SPILL AT Y PAY MOR CLEANET	52
DUDA STACED UPWIND AND UPHILL APPROX 25	
FROM STORE UNTIL ATERIVAL OF HAZ MAT LT.	
8, 906-	_
2 Evacuate y PAY NOR & LIVING Well Lady	
(occ. next door)	
(3) Man identifying himself as the owner and a Woman identifying herself as MGR histe	
a Woman identifying herself as MGR histe	d
There was no problem or spill.	
(9) 914 crew AHLERS/MAHLEN INSTRUCTED TO EN	TE
Building WI Full Bunkers & SCBA TO CHECK FOR	
SPILLS - OWNER ALTERDY INSIDE - THE OWNER LE	か
F.D. TO REPORTED PROBLEM AREA - NO SPILL OR LE	54
FOUND. WHEN ASKED BY ACTLY AHLERS IF THERE	
WERE ANY OTHER CONTAINERS OR EQ. THE OWNE	
SAID NO - OWNER INSISTED THERE HAD BEEN NO PROISE	
BLT SMITH & AHLERS RE-ENTER BLDG POR NAME	
PTC. APPROX 10 GAC SPILL OF UNK. BLACK,	-
TARRY LIQ FOUND BEHIND SOME MACHINES_	
10 914 RELEASED - 906, 916, FMO REMAINED AT	
SCENE	
	A. 8
	-
	-
	_

### FIRE INCIDENT REPORT

### NARRATIVE

INCIDENT # 91-3830 ADDRESS 2210 50 330 ST.

E914 originally responded to an odor investigation at "Y-Pay-More" Cleaners. Upon arrival the found a very strong chemical odor and felt slightly dizzy, They evacuated the occupancy and called for help. Upon 906's acrival found cleaners evacuated and was told a cleaning agent colled Perk had spilled into and overflowed a 5 gallon plastic bucket 90% assumed command, called for a Haz. Mat. unit from P.O.S. and F.W off duty Haz Mat. team. Evacuated Living Well Lady a Salon and Partytime occupancies due to odors in those compancies Called for Puget Power to Shut off electricity due to explosion concerns. Called supplier of Perk to obtain MSDS wie which they "Faxed to Sta. 2. 912 officer assigned Staging, 903 became Planning, 702 was Safety, 906 I.C. Capti Kettenring assigned Decon and 932 Div. C. (at rear for scene security until 135 took over) KCP Sqt. Thomas was Police Liason in CP. Set up CP at front decon and staging ares also were in the Front. MSO Herbert was Med Com with M8 and 931 treating patients, Two five fighters and three civilians were organism ly treated and later 932 treated 2 More Civilians. After Posi 717 all equipment was ready an entry team entered in Level C potective clothing and cleaned up the spill by using absorbant materials and placed all of the contaminants

## FIRE INCIDENT REPORT

### NARRATIVE

INCIDE	nt # <u>- 9/- 3</u>	830 AD	DRESS	2210 S	o 320	<u>5T.                                    </u>	
	Λ <i>C</i> 11.	2.1	1.24	lossi	26,	Suilding	
	After the	<u>entry</u>	team	<u>Jetr</u>	1 1/2	1	
<u>+h</u>	ey were	decontam	inate d	and	c.hec.Ke	d 0WT_	
Pr	Med. Co	)W\1					
	he occu	ipant	Chang	<u>, Soo</u>	Kang	culled	
Ch	The occu	Clean	the	buildin	g and	remove	
the	decon til Chem aned All	prols 6	etc. B	906 a	nd E	914 rem	ained
1111	L'I Chem	ara ordi	rise d	the o	ccu pana	/ Was_	
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		25 and 25					

### RZA AGRA, Inc.

### **MEMORANDUM**

11335 N.E. 122nd Way, Sulte 100 Kirkland, Washington 98034-6918 Prone No. (206) 820-4869 Fax No. (208) 821-3914

TO:

Wayne Relsenauer/John Bickley

DATE:

18 April 1994

Northwest Building Corporation

FROM:

Dale Kramer

FILE:

11-07883-11

RE:

NWBC/WDOE Meeting Agenda

21 April 1994 Meeting

The meeting scheduled time is at 10:30 a.m. Thursday, 21 April 1994. The meeting is at WDOE (Bellevue). I understand that Mr. Brian \$ato and Ms. Elaine Atkinson will be representing WDOE. The purpose of the meeting is to:

- Discuss background/project history of NWBC's independent Environmental efforts:
- 2. Present analytical test results on soll vapor extraction remediation trends;
- Present analytical test results for groundwater from monitoring wells MW-2 and MW-3;
- 4. Discuss draft IRAP submittal;
- 5. Propose our intentions to decommission the soil remediation system in June 1994:
- Discuss WDOE concerns (if any) concerning existing data and potential WDOE requests for additional data (if any).

See you Thursday at WDOE, Bellevue.

Respectfully submitted,

RZA AGRA, Inc.

Dafe A. Kramer, M.Sc., R.P.G.

Project Scientiat

DAK/lad

### Facsimile Transmission Cover



### RZA AGRA, Inc.

11335 NE 122nd Way Suite 100 Kirkland, WA 98034-6918 (206) 820-4669 Fax: (206) 821-3914

	Time: 1300
	deliver the following material as soon as possible:
Attention	n: DRIAN SATO FOX#: 649-7.098
Compa	ny: NOOE / BellevuE
From:	D.A. KRAMER
Includes	s cover plus pages
Subject	neety Agusta
Please r Call sen	notify RZA AGRA, Inc. immediately if not received properly.  Ider <u>P. A. France</u> at (206) 820-4669
Remark	Elaine- 9:00 am. 4/21
	It looks like there will be 5 people
	to out wheth. I moved
	us to room The (the bigger one).
	Come hunt me down when you get
	in and we'll pow-wow.
	WX.

Gary R. Martindale, CSM Asset Manager



NORTHWEST BUILDING CORPORATION



61241/2 Motor Ave., P.O. Box 98905 Tacoma, WA 98499 (206) 588-4425 Fax (206) 582-6243 Pager (206) 597-9762

Lakewood Colonial Center Sea Tac Plaza Black Lake Village Lacey Kmart

OFFICE (206) 682-3333

JEFFREY S. MYERS

LAW OFFICES SHORT CRESSMAN & BURGESS 3000 FIRST INTERSTATE CENTER
999 THIRD AVENUE
SEATTLE, WASHINGTON 98104-4008
FAX: (206) 340-8356



NORTHWEST BUILDING CORPORATION

Wayne E. Reisenauer Vice President

1300 Norton Building 801 Second Avenue Seattle, Washington 98104 Fax (206) 464-5109 (206) 464-3868

THE NORMAN

1420 Fifth Avenue Suite 3600 Seattle, Washington 98101 (206) 223-0200 FAX (206) 688-1356 Direct: (206) 688-1456

MELODY WESTERDAL, C.P.M.



Daryl S. Petrarca, R.E.A. Associate

AGRA Earth & Environmental, Inc. 11335 NE 122nd Way Sulte 100 Kirkland, Washington U.S.A. 98034-6918 Tel (206) 820-4669 Fax (206) 821-3914





Elaine Atkinsonn Northwest Regional Office Toxics Cleanup Program ♥ S.H.A. SCAN 354-7042

### CONVERSA'11ON RECORD

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Location of Visit/Conference:  NAME OF PERSON(S) CONTACTED OR IN	CONTACT	ORGANIZATION (Office,	dept., bureau, etc.)	TELEPHONE NO:
WITH YOU Dale Kramer		RZA AGRA		820-4669
SUBJECT Y Pay Mor Cleaners, Federa	al Way			The second secon
summary He called to let me know extraction system for a month. Upon tetrachloroethylene (PCE). He said he start it up. If the PCE recovery remains were met. The groundwater monitoring well (the MCL for cis-1,1-dichlor is 70 health for use as a MTCA cleanup level probably initiate an IRAP review. It allocated for the post-1990 operator of the Building Corporation representatives in the will be in touch.	n start up o would now ned low, he ng data sho ppb, and t el). If conf asked wheth the facility,	f the system, they were like to shut down the system would like to install so ws cis-1,2-dichloroethy the MCL is considered to irrmation samples show her any records of hazar and he said he doesn't	e only able to recystem for 2 month- oil borings to confidence at 5.4 ppb in the besufficiently perior obesufficiently perior of the perior of the sufficient period of the sufficient perior of the sufficient perior of the sufficient period of the	over 13 ppmV of s or so, then again irm cleanup levels the downgradient rotective of public is are met, he will sal practices were ays the Northwest
ACTION REQUIRED				, , , , , , , , , , , , , , , , , , ,
NAME OF PERSON DOCUMENTING CONV	/ERSATION	SIGNATURE	DATE	
Elaine Atkinson		Elaine athi	12612	91f.
		Checous Cropp	Marian Alexander	<b>``</b> (
ACTION TAKEN				
SIGNATURE		TITLE	DATE	

### DEPARTMENT OF ECOLOGY NORTHWEST REGIONAL OFFICE FACSIMILE COVER SHEET



1.10/04	E C O L O G Y
DATE: $\frac{(2/8)94}{}$	
TIME: 4:30	
Number of Pages: Plus Cover Shee	it .
To: Dan Kentch	
Safety-kleen	
FAX # 939-7277	
FROM: Elgine Atkinson	
PHONE: 649.7042 SECTION	: Toxics Clean
Department of Ecology Northwest Regional Office 3190 - 160th Avenue 8.E. Bellevue, WA 98008-5452 Phone: (206) 649-7000 Fax: (206) 649-7098 8CAN 354-7098	
COMMENTS: By transmittal of the	affached
memo signed by me I concu	
am requesting solvent disposar	Dru Cleaner
for the former Y Pay Mor at 2210-320th St. S. in Feder	al Way.
Elane	. Athen

### AGRA Earth & Environmental, Inc.

### FACSIMILE THANSMITTAL

TO: ELAINE ATKINSON

COMPANY: WOOE

FAX NO .: 649 - 7098

SENDER: D.A. KRAHERL

FAX OPERATOR:

NO. OF PAGES: 2 (Including this page)

11335 N.E. 122nd Way, Suite 100 Kirkland, Washington 98034-6918 Phone No. (206) 820-4669 FAX No. (208) 821-3914

FILE NO.: 11:7883-11

DATE: 12-8-94

This transmission is intended only for the Addressen. It may contain privileged or confidential information. Any unsuthorized disclosure is strictly prohibited. If you have received this transmission in error, please notify us immediately leadent in that we may correct our trensmission. Please then destroy the mighal. Thank you.

Elaine pla call pre if there are problem with

Q!

10'4

### AGRA EARTH & ENVIRONMENTAL, INC.

### MEMORANDUM

11335 N.E. 122nd Way, Suite 100 Kirkland, Washington 98034-6918 Phone No. (206) 820-4669 Fax No. (206) 821-3914

WDOE

TO: Ms. Eleine Atkinson

Via Fax 64/9 - 7078

DATE:

8 December 1994

FROM: Dale Kramer

FILE:

11-07883-11

RE: Former Y Pay Mor Dry Cleaner

Regarding your request at our 21 April 1994 meeting we have located records of solvent disposal for the former Y Pay Mor Dry Cleaner.

The records are available from Safety-Kleen Auburn. Safety-Kleen requests that WDOE fax a memo to Safety-Kleen requesting Y Pay Mor's account records. Please fax your request for the records to:

Mr. Dan Kentch, Manager Safety-Kleen, Auburn (f) 206-939-7277

(p) 208-939-2022

South, Federal Way, Washington.

Please note that the address to the former Y Pay Mor Dry Cleaner was 2210 320th Street

If you have any questions or comments, please contact Dale A. Kramer at 206-820-4669.

Claire attenne Dept

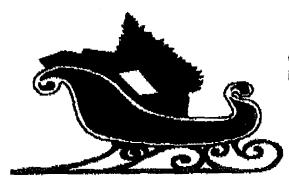
Jept of Ecology

for Agran Et E.

ca: John Bickley, NWBC RY FAX

Salety-Kleen, Auburn File

FILE



# Safety-Kleen

Date: 1-3-95
Time: 4/.30 pm
Please deliver these 40 pages, including this cover to:  Name: Eland, Athinson  Firm: D.O.F.  Dept:  Phone Number 1049-7042  Sent by: Annd.
Safety-Kleen Corporation, Auburn Branch 1-181-01
Notes: Hy you meed any further assistance, please gue me at Call Bund Days

If there is a problem or if you do not receive all the pages, please call as soon as possible. 206-939-2022

Merry Christmas and Happy New Year

Safety Kleen. (9-86) 6 TRANSPORTER #2 Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Nam Transporter 2 Acknowledgement of Receipt of Materials 1B. Month Day Year Signature Printed/Typed Name 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Signature EPA Form 8700-22 (Rev. 9-88) previous editions obsolete Safaty Kleen. (9-08) **6** TRANSPORTER #2 EPA Form 8700-22 (Rev. 9-88) previous editions obsolete Safety Kleen, (9-86) 6 25.50 TRANSPORTER #2 18. Transporter 2 Acknowledgement of Receipt of Materials Date Signature · Month Day Printed/Typed Name 19. Disorepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day E/gnature 1290 EPA Form 8700-22 (Rev. 9-86) previous editions obsolute Baletý Kleen. (9-86) 6TRANSPORTER #2 Safaty Kleen. (9-88) 🔘 Mich. TRANSPORTER #2

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EPA Form 8700-22 (Rev. 9-86) previous editions obsolete

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	government regulations.  If I am a large quantity generator, I certily that I have a program in a determined to be economically practicable and that I have selected the which minimizes the present and future threat to human health and the effort to minimize my waste generation and select the best waste man					
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	9. Desi	gnated Facility Name and S	ite Address	10. , US	EPA ID Numbo	)r	G. State	Facility's ID			
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3. Generator's Name and Mailing Address	······································	A. Stale	Agnilesi Document Number	
Y PAY MORE CLNRS 2210 S 320TH ST FEDERAL WAY WA 980	0.3		Renerator s.ID	•
4. Generator's Phone ( 206 ) 946-2369	. , , , , , , , , , , , , , , , , , , ,			
5. Transporter 1 Company Name	6. US EPA ID Number		ransporter/s/ID%	
5 AF & YY = K1, FEN = CARP .  7. Transporter 2 Company Name	8. US EPA ID Number		orter's Rhone 20 / 2 *** 20 ransporter's ID	
Transportor & Company Humo	, VS 2, 7, 15 (14)(16)	Va 1012 F 1013 of 1000 P	orter's Phone)	
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State f	acility's ID	
SAFEYY-KLEEN CORP.	•			
3210 C STREET NE    UNIT G		H: Facility		
aliana, na 98003	<u> </u>	12. Containers	206/939 <del>=</del> 26	
11. US DOT Description (Including Proper Shipping Name, Ha	nzard Class and ID Number)	i_ f	Total Unit Wasia No wantity WWVol	
RQ, WASTE PERCHLORDETHYLE E X ORM-A, UN1897 (EPA, YOXIC	NE ( , FOO2)	2 DF	390. P FOR	
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d. WASTE, THE WASTE CONTAINS STANDARD TO MOTED: TETRAL	THE FOLLOWING I	COMSTITUENT	WHOSE TREATMENT	
J. Additional Descriptions for Materials Listed Aboye		K. Handlin	g Codes for Wasies Listed Aboye	
FOR RECYCLE	ese <b>t</b> Generalis Generalis			
15. Special Handling Instructions and Additional Information	<ul> <li>* * * * * * * * * * * * * * * * * * *</li></ul>		The state of the s	
1-161-61-1026 481073 6PT TERR 08 NK 8750			•	
18. GENERATOR'S CERTIFICATION: I hereby declare that the are classified, packed, marked, and labeled, and are in all respectively.	spects in proper condition for transp	port by highway according	j to applicable international and natio	and onal
If I am a large quantity generator, I certify that I have a program is determined to be economically practicable and that I have selected which minimizes the present and future threat to human health and effort to minimize my waste generation and select the best waste r	n place to reduce the volume and tox I the practicable method of treatment d the environment; OR, If I am a small	delity of waste generated to storage, or disposal currer I quantily generator, I have	the degree I have atty available to me made a good faith Date	•
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W NUT What held	Med Med	WAdd	cf 1/2/61	87
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B DAN KONTEH	()	acces-	/2. /6   Date	0 /
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature		<u> </u>	Year
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19. Discrepancy Indication Space		ž.		
F A C				
		manifort average == -1	ad in Ham 10	
20. Facility Owner or Operator: Certification of receipt of haze	ardous materials covered by this	mannest except as not	ed in item 19.	
Printed/Typed Name	Signature	Wi (M)	who V2 161	Yegr SV
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16. COMMENTS (Enter information by section and/or line number-see instructions).

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Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Signature

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reviewing instructions, gathering date, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

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11. US HM	DOT Description (Including P	roper Shipping Name, Haze	ard Class and	ID Number)	12. Conta	iners Type	13. Total Quantit	14. Unit Wt/Vo	Waste No.
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	16.	GENERATOR'S CERTIFICATION: 1 hereby declare that the are classified, packed, marked, and labeled, and are in all respi	contents of this	constrainment are	fully and ac	virataly	described above	by prope	or shipping name and
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22 December 1994 11-07883-11

Washington Department of Ecology Northwest Regional Office 3190 160th Avenue S.E. Bellevue, WA 98008-5452

Attention:

Ms. Elaine Atkinson

Site Hazard Assessor-Toxics Cleanup Program

Subject:

Independent Remedial Action Report (Submittal)

Former Y-PAY-MOR Drycleaners

2210 S. 320th Street Federal Way, Washington

Dear Ms. Atkinson:

AGRA Earth & Environmental, Inc. (AGRA) is pleased to submit three copies of our Independent Remedial Action Report (IRAP) for the former Y-PAY-MOR drycleaners. The report was prepared according to the <u>Guidance on Preparing Independent Remedial Action Reports</u>, Draft March 1, 1994, Under the Model Toxics Control Act (Chapter 70.105D RCW). The report is applicable to the Model Toxics Control Act Cleanup Regulations, Chapter 173-340 Washington State Administrative Code (WAC).

If you have any questions please do not hesitate to call. We look forward to your decisions concerning our remedial efforts at this site.

Respectfully submitted,

AGRA Earth & Environmental, Inc.

Dale A. Kramer,/M.Sc.

Project Scientist/Environmental Geologist

AGRA Earth & Environmental, Inc. 11335 NE 122nd Way Suite 100 Kirkland, Washington U.S.A. 98034-6918 Tel (206) 820-4669 Fax (206) 821-3914

RECEIVED

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DEPT. OF ECOLOGY



# Request for Review

# **Independent Remedial Action Report**

Please submit the following documents to the appropriate Ecology Office (see back of form)

≈ Request for Review (ECY 020-74)

- A check or money order for \$1,000, payable to: Department of Ecolog.
- ≈ independent Remedial Action Report Summary (ECY 020-79)
- An Interim or Final independent Remedial Action Report

Ecology's Independent Remedial Action Program provides for the review of Independent Remedial Action reports on a first-come, first-served basis. The Filing Fee paid with this submittal covers an initial review and is not refundable. The initial review will be completed within 90 days.

- if the enclosed remedial action report is accepted for detailed review, you will be notified if additional fees are required before detailed review begins (see fee schedule below).
- If the enclosed remedial action report is incomplete, you forfelt the \$1,000 Filing Fee. The report will be returned with suggestions about what additional information is needed. An additional \$1,000 fee will be required if you choose to resubmit.

Note: A copy of this form will be mailed to you. If you wish to inquire about the status of this request for review, please refer to the <a href="TCP"><u>TCP I.D. number</u></a> located on the bottom right corner of this form.

		Person/Ent	ity Performi	ng Work	•	C	ost
AGRA Earth & Environmental \$ 100,000						<b>\$</b> 100,	000
		·····				. \$	
						<u> </u>	<u> </u>
				Total Cost o	f Remedial Action	<b>\$</b> 100,	000
Applicant	<u> </u>				Phone		
Name:	Northwest	Building	Corporat	ion	(206	) 464 - 525	<u>.</u>
Applicant	1300 Nort	on Buildi	n û				
Address:	801 Secon		пg				
	Seattle,			•.			
Site Name					Site Location	on .	
	Former Y	Pay Mor D	rycleaner		2210 S Federa	320th St.	
Site Owner	Name (If different				Phone		
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## Independent Remedial Action Report Summary

This report summary is an important part of the Independent Remedial Action Report. Please complete the summary and submit it with your Independent Remedial Action Report. If this document does not accompany your cleanup report, or if it is not fully completed, your report cannot enter the review process necessary for Ecology to provide you with a "no further action" determination, or to remove your site from the hazardous sites lists.

ERTS No. NI 57 8 3	W-17-5295-000	Date Received   G 95	☐ NFA ☐ SHA Referral
LUST No.	U.B.L. No.	Initial Investigation (Date)	D' Interim Action   CH
Reviewed by Atkinson		Total Hours for Review	Emergency Action

## Please Print Clearly or Type

General Information	
Name of Site Owner Northwest Building Corporation Attn: Mr. John Bickley	Phone 464-5255
Address Former Y Pay Mor Site: 2210 SW 320 St. Owner: 801 Second Ave. Fed. Way, WA 1300 Norton Bldg	zip 98104 County
Authorized Contact Mr. John Bickley	Phone 464-5255
Name of Facility Operator North west Building Corporation	Phone
Address	State Zip
Authorized Contact	Phone
Name of Consultant Dale A. Kramer, James S. Dransfield	Phone 820-4669
Name of Firm AGRA · EArth & Environmental	
Address Street 11335 NE 122 Way, #100, Kirkland	State WA zip 98034
Please indicate which of the above persons completed this report. If the report was completed by some their name, address, and a daytime phone.  IRAP Report completed by AGRA Earth & Environmental: Dale A.	

Has a cleanup been conducted? Yestix No□ Is this a Leaking Underground Storage Tank (LUST) report? Yes□ No\UX

Type of report (check all that apply)
□ Combined release and independent remedial action report
□ Independent remedial action report
□ Interim action report
□ Interim action report
□ Date cleanup was completed
9-94

Site Name Former Y Pay Mor Drycleaner		H	
Other Names (the site may be known as)			
Site Control Person if other than Owner/Operator. (This in qualified to answer questions about the site, or a person we remediation.)  Name Mr. John Bickley/ Northwest Bu	ho is available du	ring normal business hours and l	king hours and is authorized and las knowledge about the site and the Phone 464–5255
Site Mailing Address (or site contact mailing address)			
801 Second Avenue, 1300 Norton Bui	lding Seat	-1e WA 98104	
Site Location Address (including zip code)	Turng beat	.ie, wa 90104	
2210 SW 320 St. (Best Shopping Mal	1), Federal	Way, WA 98	003
Closest City		County (where site is located) King	
Ownership and Operator Type. Complete the table below (For example, if the property owner is a port district and the municipal, code #2 row; and under the operator identifi	e operator a priva	te individual, then check the box	e of owner and operator for the facilit es under owner identification column
Ownership/Operator Type	Code#	Owner Identification	Operator Identification
Private Party	1	xxxxxxx	
Municipal (Public)	2		
County	3		
Federal	4		
State	5		
Tribal	6		
Mixed	7		
Other	8		
Unknown	9		
Public Entity Acquisition through Bankruptcy	10		
Financial Institution Acquisition through Bankruptcy	11		
Standard Industrial Classification (SIC) Codes. List all the site, e.g., automotive repair and maintenance, construction dry cleaner	at apply. If none a equipment storag	apply, or if you don't know your e,etc.	SIC code, list activities conducted at
Hazardous Substances Management Practices(s). The haz sources, activities, or actions? Please circle all that apply to		(s) cleaned up from the site was	the result of which of the following
1 = Drug Lab 2 = Drum 3 = A Leaking Impoundment 4 = Improper Handling 5 = Landfill 6 = Land Application		7 = Pesticide Application 8 = Pesticide Disposal 9 = A Spill 10 = Storm Drain 11 = Leaking Tank: (a) belo	ow ground; (b) above ground

End use of property (circle one) COMMERCIAL INDUSTRIAL RESIDENTIAL

6 = Land Application

Release Information

Date of Release (if known) Date of Discovery			Are there any d	rinking water syst	ems affected?	TELM			
8-91,10-		day of release	Yes□ No□ Unknown™X						
If drinking wa	ater systems are a te, or both? <i>(cird</i>	affected, are the systems e one)	If drinking water systems are affected, has alternate drinking water been provided? Yes□ No□ Unknown□						
General Haza	rdous Substance	e Categories. Using the contaminant of the contaminants can be found in	ts listed below, a Appendix C of th	omplete the table. e guidance.)	METVY.				
Contaminant	s. For each of the	applicable contaminants, enter the							
appropriate le	etter designating red or S = Susper	the status of the contaminants: nded. (Contaminant status pendix C of the guidance.)	Ground Water	Surface Water	Drinking Water	Soil	Air		
1.	Halogenated	Organic Compounds	C			CB			
2.	Metals - Prior	rity Pollutants	1		100	· /			
3.	Metals - Othe	er							
4.	Polychlorinat	red Bi-Phenyls (PCBs)							
5.	Pesticides/H	erbicides							
6.	Unleaded Ga	5							
	Leaded Gas								
	Diesel								
	Waste Oil								
	Heat Fuel								
	Other (Specif	(iv)							
7.	Phenolic Con	npounds							
8.	Non-Haloger	nated Solvents		VI.					
9.	Dioxins								
10.	Polynuclear A	Aromatic Hydrocarbons (PAHs)							
11.	Reactive Was	stes							
12.	Corrosive Wa	astes							
13.	Radioactive V	Wastes							
14.	Conventional	Contaminants Organics							
15.	Conventional	Contaminants Inorganics	1				-		
16.	Base/Neutra	l Organic Compounds							
17.	Asbestos	The second second							

Cleanup Information

Indicate cleanup level methods used by completing Table 5-A below. (check all that apply)

TABLE 5-A							
	Soil	Ground Water	Air	Surface Water			
Method A	0.5 ppm	5.0 ppb N/A		N/A		N/A N/A N/A	
В	80 ppm		N/A				
С	N/A	N/A	N/A				
Have these levels been met throughout the site? (circle only one)	YES NO	YES NO	YES NO	YES NO			

Indicate the treatment mehtods used by completing Tables 5B - 5D below (check all that apply) (See Appendix D)

TABLE 5-B							
		Destruction or	Detoxification	Media Transfer			
	Carbon Adsorption ¹	Biological Treatment	Chemical Destruction	Incineration	Air Stripping/ Air Sparging	Aeration/Vapor Extraction	Thermal Desorption
Soil	-NA-				-NA-	xxxx	
Ground Water				-NA-		-NA-	-NA-
Surface Water		*		-NA-		-NA-	-NA-
Air		-NA-				-NA-	
Wastes	-NA-				-NA-		-NA-

Carbon followed by regeneration; use of granular activated carbon followed by landfilling would be classified in these tables as volume reduction and off-site landfill

Cleanup Information (continued) TABLE 5-C Reuse/Recycling² Separation/Volume Reduction Immobilization Physical Solidification/ Solvent Extraction Soil Washing Vitrification Specify Separation³ Stabilization XXXXX Soil -NA--NA--NA--NA-Ground Water -NA--NA--NA--NA-Surface Water Wastes ²For example, reuse of free petroleum product recovered in a pump and treat system. For example, oil/water separators. TABLE 5-D Institutional Controls Others Land Disposal/Containment Containment or On-site Off-site Landfill Specify Specify treatment method Landfill Carbon Scrubbing XXXXX Soil -NA-Ground Water -NA-Surface Water -NA-Wastes Lust Site Information N/A Was free product encountered: on ground water? Yes 🗆 No 🗖 In excavation? Yes Tank Status (Y or N) Tank Description Closed in Place? In Place? Removed? Tank ID Product Size **Environmental Indicators** Answer the following questions as they are applicable to your site: Where soil treatment was conducted, was it done on-site, off-site, or both? How many cubic yards of soil have been treated? 15 Provide the name and address of the facility where soil was treated off-site. Northwest Enviroservice Name 1500 Airport Way South Address Seattle, WA 98134 State/Zip Provide the name and address of the facility where soil was disposed.

Name Rabanco LandFill Name Klickitat County Address State/Zip How many cubic yards of soil have been disposed of off-site? ____15 (Calculate these quantities of soil while the soil is in place, prior to any excavation and/or treatment.) gallons If ground water pump and treatment was conducted, how many gallons of ground water have been treated to date? How many years is the ground water extraction system expected to continue in operation? Corrective Actions for Dangerous Waste Facilities W Mes. Specify 0980983084 □ No Does the facility have a dangerous waste identification number? □ No Is the facility a dangerous waste treatment, sludge, or disposal facility? ☐ Yes If yes, check appropriate regulatory status box □ RCRA interim status N/A ☐ RCRA operating permit

☐ RCRA post closure permit

□ Other, specify

## TABLES OF CONTENTS 11-7883-11

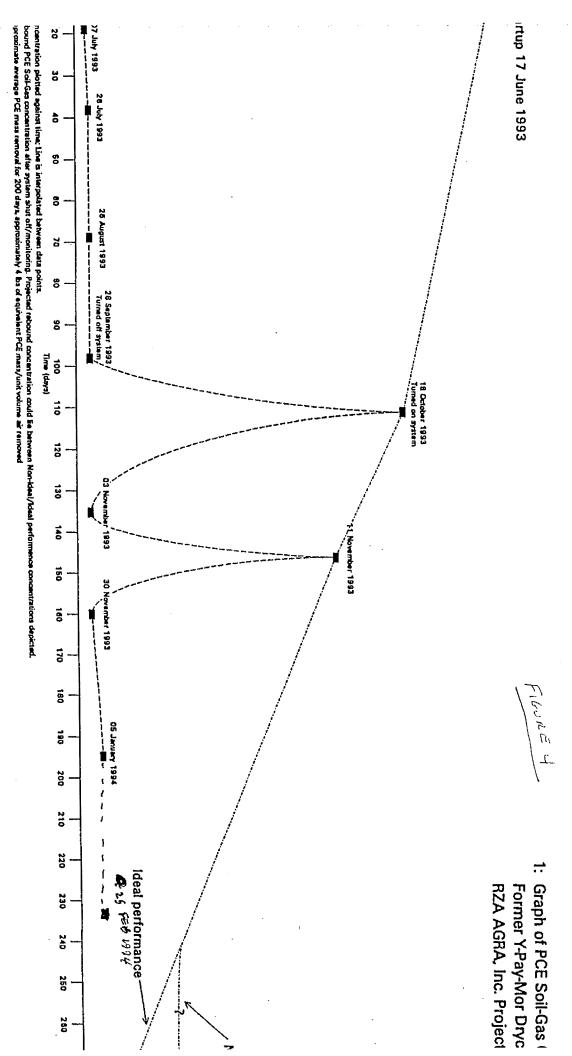
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	1.1 11L		elease Information	
			haracterization	
		1.13	Soil Characteristics and Sampling	
		1.14	Well Installation	
		1.15	Soil Vapor Survey	
		1.16	Ambient Air Monitoring	
		1.17	Summary of Characterization Data	
	1.2		OUS INVESTIGATIONS	
			N OF CLEANUP STANDARDS	
	1.4		ation of Remedial Actions Taken and Rationale	
	1.4	1.41	REMEDIATION SYSTEM INSTALLATION	
		1.42	System Description	
		1.43	Installation	
		1.44	System Startup	
		1.45	REMEDIATION SYSTEM MONITORING	11
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Mr. John Bickley 25 April 1994

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#### STATE OF WASHINGTON

#### DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (206) 649-7000

January 9, 1995

Mr. Dale Kramer AGRA Earth and Environmental 11335 NE 122nd Way Kirkland, WA 98034-6918

Dear Mr. Kramer:

Re: Former Y Pay Mor Drycleaner

2210 S. 320th Street, Federal Way

Thank you for submitting the Independent Remedial Action Report dated December 22, 1994 for the above facility, and for opting to participate in the Independent Remedial Action Program (IRAP). A screening review will occur within 90 days to determine the completeness of the submitted information.

The Department of Ecology (Ecology) will publish the receipt of this report in the Site Register, which is a bi-weekly publication regarding sites undergoing cleanup or remedial actions throughout the state. Your request for Ecology review of the independent remedial action will also be noted in the Site Register.

Enclosed is a receipt for your \$1,000 deposit and a copy of the Independent Remedial Action Report Request for Review form. Please refer to the TCP identification number printed on the bottom right-hand corner of this form on all correspondence relating to this project.

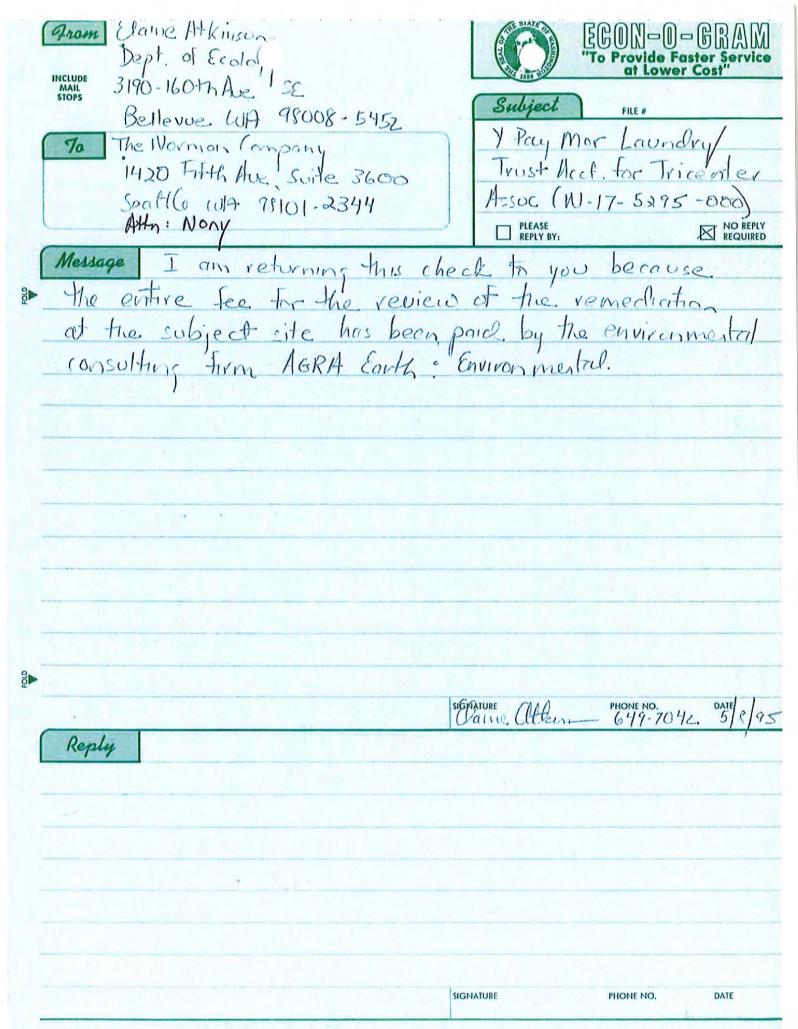
Please call me at (206) 649-7042 if you have any questions or comments.

Sincerely,

Elaine P. Atkinson

Toxics Cleanup Program

EPA:ea:bn Enclosures



	WH Dept. of cology  INCLUDE MAIL STOPS  STOPS  Whall STOPS  STOPS  WH Dept. of Cology  AND  STOPS  WH Dept. of Cology  STOPS  ST		はいいっしょう である 「Control of the Cost" 「To Provide Faster Service at Lower Cost"
	Bellevue WA 98008-545Z	Subject	The state of the s
	Ta Marilyn	y Pay	Mor Dry Cloanes
	Foderal Way Five Dept. 31617- 1st Ave S.		,
	Federal Way, WA 98 003	PLEASE REPLY BY:	NO REPLY REQUIRED
-	Message Please send copie.	s of the	incident report
POLD	Message Please send copie. 91-3830 and 91-4928 to above address. Thanks to	my atten	trop at the
	above address. Thanks to	ir your as:	sistance.
7		Companyanta and the same of a company	
9.			
Fold		SGNASORE C	(206)649-7042 3 30
1	Reply	C.Car	(200)011 10 12 3100
		Lanana.	PHONE NO. DATE
		SIGNATURE	PHONE NO. DATE

CONTER 1 19/911

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RECEAPR - 6 1995

FIRE INCIDENT REPORT APROEFS.109 ECOLOGY

SECTION A - COMPLETE FOR ALL INCIDENTS

FDID 17D39 INCIDENT NUMBER 3830 - 0 MULTIAGENCY NO. 0 DATE 8/06/91 DISPATCH TIME 1211 ARRIVAL TIME 1215 END TIME 1635 ADD DAYS O FIRST IN COMPANY 914 DISTRICT 1961F PROPERTY MANAGEMENT 1 AUTOMATIC OR MUTUAL AID 1 METHOD OF ALARM 7 SITUATIONS FOUND 42 0 0 0 ACTIONS TAKEN 16 61 63 64 WEATHER 1 AIR TEMPERATURE 0 CENSUS 0300.00 INCIDENT ADDRESS/LOCATION 2210 S 320 ST FW ROOM/APARTMENT ZIP CODE 98003- FIRE HAZARD ZONE O PEOPLE INVOLVED: 0 \ \ and CODE DO NAME CHANG, SOO KANG ADDRESS 14617 27 AVE E. TACOMA 98445 PHONE (206) 281-2369 DOB / / O CODE NAME ADDRESS PHONE ( ) - 0
RESPONDED: PAID 21 VOLUNTEER 0 ENGINE 4 TRUCK 1 AERIAL
CMND 4 EMS 3 TANKER 0 RESCUE 0 HAZMAT 0 OTHER 1 AERIAL 0 GENERAL PROPERTY USE 52 SPECIFIC PROPERTY USE 796 OCCUPANCY TYPE B2 STRUCTURE STATUS 2 OCCUPIED AT TIME OF INCIDENT 1 MOBILE PROPERTY INVOLVED.

TYPE 98 VEHICLE LICENSE MOBILE PROPERTY INVOLVED: STATE MAKE YEAR O MODEL VIN ICC/DOT PERMIT

SECTION B - COMPLETE FOR CASUALTIES FIRE SERVICE INJURIES O FIRE SERVICE FATALITIES O NON-FIRE SERVICE FATALITIES O

SECTION C - COMPLETE FOR ALL FIRES CONTRIBUTING FACTORS O O AREA OF FIRE ORIGIN O LEVEL OF FIRE ORIGIN ROM TRAVELED SURFACE O FORM OF HEAT OF IGNITION O IGNITION FACTOR O ONTRIBUTING PERSONS #1 SEX/DOB / / O #2 SEX/DOB / / O
YPE OF MATERIAL FIRST IGNITED O FORM OF MATERIAL FIRST IGNITED O IETHOD OF EXTINGUISHMENT O PROPERTY LOSS O CONTENTS O 'UEL MODEL ACRES BURNED 0.0 QUIPMENT INVOLVED:

YPE O MODEL

YEAR O

SERIAL NO AKE

ECTION D - COMPLETE FOR ALL STRUCTURE FIRES ONSTRUCTION TYPE O ROOF COVERING O NUMBER OF STORIES O LAME DAMAGE O SMOKE DAMAGE O TYPE OF MATERIAL GENERATING MOST SMOKE O ORM OF MATERIAL GENERATING MOST SMOKE O AVENUE OF SMOKE TRAVEL O ETECTION SYSTEM TYPE O POWER O PERFORMANCE O REASON FOR FAILURE O XTINGUISHER SYSTEM: TYPE O PERFORMANCE O REAS PRINKLER HEADS: TYPE O NUMBER ACTIVATED O PERFORMANCE O REASON FOR FAILURE O

ECTION E - COMPLETE FOR EMS ITUATIONS FOUND O O O O NUMBER OF PATIENTS O IGHEST LEVEL OF CARE PROVIDED: FIRE O OTHER O RANSPORTED BY: PVT AMB O PUB AMB O FIRE DEPT O OTHER O

CXXXX

INCIDENT 3830 - 0 (ACTIVITY 103719 )
PAGE NO. 1
AUG 13, 1991

REVIEWED BY

#### FIRE INCIDENT REPORT

SECTION F - COMPLETE FOR HAZMAT AREA OF RELEASE 26 LEVEL OF RELEASE 26 EST CHEMICALS RELEASED 1 EQUIPMENT DISPOSITION OF INCIDENT 7 IDENTIFICAT FIRE SERVICE INJURIES 2 FIRE SER NON-FIRE SERVICE INJURIES 5 NON-FIRE HAZARDOUS MATERIAL IDENTIFIED: NAME TETRACHLOROETHYLENE DOT ID 1897 DOT STATE STORED 2 STATE RELEASED 2 QUEONTAINER: TYPE 10 MATERIAL 0 DESC 1	INVOLVED 16 ACTIONS TAKEN 0 33 42 46 FION SOURCES USED 11 71 77 89 RVICE FATALITIES 0 E SERVICE FATALITIES 0 F HAZARD CLASS 9 CAS NO. 127-18-4 JANTITY RELEASED 10 UNITS 13
SECTION G - COMPLETE IF OTHER THAN FIRE LOCAL USE STATE USE	OR SHORT REPORT
SECTION H COMPLETE FOR ALL INICDENTS MEMBER MAKING REPORT F244/THORSON, JERRY E.	OFFICER IN CHARGE F244/THORSON, JERRY E.
SIGNATURE	SIGNATURE



#### FIRE INCIDENT REPORT

#### NARRATIVE

INCIDENT # 91-3830 ADDRESS 2210 50 320 ST.

E 914 originally responded to an oder investigation at "7-Pay-More" cleaners. Upon arrival the found a very strong chemical odor and felt slightly dizzy. They evacuated the occupancy and called for help. Upon 906's acrival found cleaners evacuated and was told a cleaning agent called "Perk" had spilled into and overflowed a Sgallon plastic bucket. 90% assumed command, called for a Haz. Mat. unit from P.O.S. and F.W off duty Haz Mat. team. Evacuated Living Well Lady a Salon and Partytime occupancies due to odors in those occupancies Called for Puget Power to Shut off electricity due to explosion concerns. Called supplier of Perk to obtain MSDS wie which they "Faxed to Sta. 2. 912 officer assigned Staging, 903 became Planning, 702 was Safety, 906 I.C. Capt. Kettenring assigned Decon and 932 Div. C. (at rear for scene security until 135 took over) KCP Sqt. Thomas was Police Liason in CP. Set up CP at front decon and staging ares also were in the Front. M.S.O. Herbert was Med Com with M8 and 931 treating patients, Two fire fighters and three civilians were organily treated and later 932 treated 2 more civilians. After Pos, 717 arrived and all equipment was ready an entry team entered in Level C potentive clothing and cleaned up the spill by using absorbant materials and placed all of the contaminants

# FIRE INCIDENT REPORT

## NARRATIVE

INCIDENT # $4/330$ ADDRESS $22/0.50.320.51$
After the entry team left the building they were decontaminated and checked out
they were decontaminated and checked out
by Med. Com.
The occupant Chang Soo Kang called
The occupant Chang, Soo Kang called Chem Pro to clean the building and remove
the decon pools etc. 8906 and E914 remained
the decon pools etc. B906 and E914 remained until Chempro advised the occupancy was cleaned All units returned leaving final
closured All units returned leaving final
clean-up and decon with Chem Pro.
CHANGE AND WELDER TOTAL CHEMITO.



#### STATE OF WASHINGTON

### DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (206) 649-7000

April 20, 1995

Mr. Tim Peters
AGRA Earth and Environmental
11335 N.E. 122nd Way
Kirkland, WA 98034-6918

Dear Mr. Peters:

Re: Independent Remedial Action Former Y Pay Mor Dry Cleaner, Federal Way

The Toxics Cleanup Program has completed a screening of the remedial action report submitted for the former "Y Pay Mor" dry cleaner site located at 2210 S. 320th Street in Federal Way, Washington. The available information is apparently adequate to make a final determination regarding site disposition. This determination will be made after the review fee balance is received.

Please submit payment of the fee balance of \$1,000, payable to the Department of Ecology (Ecology), to my attention at the above address. Please use the Ecology identification number for your site (N-17-5295-000) on all correspondence, to ensure proper crediting of your fee.

Following the final review of your work, you will receive a written determination from Ecology regarding the independent remedial actions you have performed. This determination can take two forms, a "no further action" designation, or a determination that the remedial action is incomplete.

If you receive an incomplete notice, insufficiencies with your remedial action will be detailed. You will then have the option of resubmitting your report for a screening review once the identified deficiencies have been addressed.

If you choose to address the insufficiencies identified with your work, and resubmit the report to Ecology, you may be required to resubmit payment of the deposit and applicable review fee for the additional remedial actions.

Mr. Tim Peters April 20, 1995 Page 2

Please contact me at (206) 649-7042 if you have any questions regarding this process.

Sincerely,

Elaine P. Atkinson

Environmental Scientist

EPA:ea:gm



RECEIVED

APR 26 1995 DEPT. OF ECOLOGY AGRA Earth & Environmental, Inc. 11335 NE 122nd Way Suite 100 Kirkland, Washington U.S.A. 98034-6918 Tel (206) 820-4669 Fax (206) 821-3914

25 April 1995 11-07883-11

Washington Department of Ecology Northwest Regional Office 3190 160th Avenue SE Bellevue, Washington 98008-5452

Attention:

Ms. Elaine Atkinson

Subject:

Former Y Pay Mor Dry Cleaner

Ecology Site Identification No. N-17-5295-000

Federal Way, Washington

Dear Ms. Atkinson:

Please find enclosed a check for the balance of the IRAP review fee for the above referenced site. Should you have any questions regarding the IRAP report or other aspects of this project, please contact me at (206) 820-4669.

Respectfully submitted,

AGRA Earth & Environmental, Inc.

Timothy J. Peter, P.G.

Sr. Project Environmental Geologist

Daryl S. Petrarca, R.E.A.

Associate

**AGRA** Earth & Environmental

Sulte 100 Kirkland, WA 98034-6918 Tel (206) 820-4669 Fax (206) 821-3914

**FACSIMILE COVER SHEET** 

To: Company:

DOE - NWRO

Fax:

From: Timpeter

Date: 5/3//85

Project No.: 1/-07#83-/2

No. of Pages: 6 (Including cover sheet)

This fax is only intended for the Addresses. It may contain privileged or confidential information. Any unauthorized disclosure is strictly prohibited. If you have received this transmission in error, please notify us immediately (collect) so that we may correct our transmission. Please then destroy the original. Thank you.

ø١

Comments:

Announcements: AGRA Earth & Environmental recently opened an office in San Antonio.

Providing Geotechnical, Environmental and Materials Testing Services World Wide

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AGRA Earth & Environmental Inc. 7477 SW Tech Center Dave Portland, Oregon U.S.A. 97223-8025 Tel (503) 639-3400 Fax (503) 620-7692

December 1, 1994

AGRA Earth & Environmental 11335 NE 122nd Way, Suite 100 Kirldand, WA 98034

Attention: Mr. Dale Kramer

Dear Mr. Kramer:

RE: Analytical Results For Project 11-07883-11

Attached are the results for the samples submitted on November 22, 1994 from the above referenced project. For your reference, our project number associated with these samples is WA940819.

The samples were analyzed for volatile organic halocarbons at the AGRA Earth & Environmental Portland Chemistry Laboratory.

All analyses were conducted in accordance with applicable QA/QC guidelines. The results apply only to the samples submitted.

Please feel free to contact me if you have any questions regarding this report, or if I can be of any assistance in any other matter.

Respectfully submitted,

AGRA Earth & Environmental

Sean Gormley

Laboratory Manager

Project: Y Pay Mor Project No.: 11-07883-11 Project Manager: Dale Kramer Sample Matric: Soil Service Request No.: WA940819 Report Date: 12/1/94 Report No.: 94081901 C.O.C. No.: 00242

444 NEW OFFICERIES

## Volatile Organic Halocarbons EPA Method 8010 mg/kg(ppm)

Sample Name:	B1/61 0819-1	B2/S1 0619-2	83/S1 0519-3	B4/81 0819-4	B5/S1 0619-5	Method Reporting Limit
Lab Code: Chloromethane	ND	ND	ND	ND	ND	0.1
Vinyl Chloride	ND	ND :	ND	ND	ND	0.1
Bromomethane	ND	ND	ND a	ND	ND .	0.5
Chloroethane	ND	ND :	ND "	ND	ND	0.5
Trichiorofluoromethane	ND	ND :	ND	ND	ND	0.1
1,1-Dichloroethene	ND	ND :	ND	ND	. ND	0.1
Methylene Chloride	ND	ND :	ND	ND	ND	0.1
	ND	ND	ND	ND	0.60	0.1
T-1,2-Dichloroethone	ND	ND	ND	ND	ND	0.1
1,1-Dichloroethane	ND	ND :	0.11	0.33	71(a)	0.1
C-1,2-Dichloroethens	ND	ND :	ND	ND	ND	0.1
Chloroform	ND	ND :	ND	ND	ND	0.1
1,1,1-Trichloroethane (TCA)	ND	ND 1	ND	ND	ND	0.1
Carbon Tetrachloride 1,2-Dichloroethane (EDC)	ND	ND !	ND.	ND	ND	0.1
Trichioroethene (TCE)	ND	ND :	ND	ND	ND	0.1
	ND	ND :	ND	ND	ND	0.1
1,2-Dichloropropane Bromodichloromethane	ND	ND :	ND	ND	ND	0.1
	ND	ND :	ND	ND	ND	0.1
2-Chloroethylvinyl ether	ND	ND	ND	ND	ND	0.1
T-1,3-Dichloropropene	ND	ND :	ND	ND	ND	0.1
C-1,3-Dichloropropene		ND :	ND	ND	ND	0.1
1,1,2-Trichloroathane	ND	ND !	ND	1.3	ND	0.1
Tetrachloroethene (PCE)	ND	ND .	ND	ND	ND	0.1
Dibromochloromethane	ND	ND :	ND	ND	ND	0.1
1.2-Dibromoethane (EDB)	ND	ND :	ND	ND	ND	0.1
Chlorobenzene	ND	ND !	ND	ND	" ND	0.1
Bromoform	ND	ND	ND	ND	ND	0.1
1,1,2,2-Tetrachloroethane	ND	ND:	ND 61	ND	ND	0.1
1,3-Dichlorobenzene	DIN	ND	ND	ND	ND	0.1
1,4-Dichlorobenzene		ND :	ND	ND	ND	0.1
1,2-Dichlorobenzene	ND	ND :	MD	1 1		177
Sample Date:	11/16/94	11/16/94	11/16/94	11/16/94	11/16/94	
Extraction Date:	11/23/94	11/23/94	11/23/94	11/23/84	11/23/94	
Analysis Date:	11/29/94	11/29/94	11/29/94	11/29/94	11/29/94	

ND Not Detected (a) Result is from a 1:20 dilution analyzed on 11/30/04.



7891 070 108% NNPANTANTA

Project: Y Pay Mor Project No.: 11-07883-11 Project Manager: Date Kramer Sample Matrix: Soil Service Request No.: WAB40619 Report Date: 12/1/94 Report No.: 94081902 C.O.C. No.: 00242

#### Volatile Organic Halocarbons EPA Method 8010 mg/kg(ppm)

Sample Name:	B8/S1	B7/81	Lab Blank	Method Reporting
Lab Code:	0619-6	0619-7	0619-MB	Limit
Chloromethane	ND	ND	ND	0,1
Vinyi Chloride	ND	ND	ND	0.1
Bromomethane	ND	ND	ИD	0.5
Chloroethana	ND	ND	ND	0,5
anarismonoullonolini ana	ND	ND	ND	0.1
1,1-Dichloroethene	ND	ND	ND	0.1
Methylene Chloride	ND '	ND	ND	0,1
T-1,2-Dichtoroethene	ND	ИD	ND	0.1
1,1-Dichloroethane	ND	ŅD	ND	0.1
C-1.2-Dichlorgethene-	ND	<b>0.75</b>	ND	0.1
Chloroform	ND	ND	ND	0.1
1,1,1-Trichloroethane (TCA)	ND	ND	ND ,	0.1
Carbon Tetrachloride	ND	ND	ND	0.1
1,2-Dichlorosthane (EDC)	ND	ND	ND	0.1
Trichloroethene (TCE)	ND	ND	- ND	. <b>0.1</b>
1,2-Dichloropropane	ND	ND	ND	O_1
Bromodichloromethane	ND	ND	ND	0.1
2-Chloroethylvinyl ether	ND	ND	e, ND	, <b>0,1</b>
T-1.3-Dichloropropene	ND	ND	ND	0.1
C-1,3-Dichloropropene	ND	ND	ND	0.1
1,1,2-Trichioroethane	ND	ND	ND	0.1
Tetrachioroethene (PCE)	- ND	ŅΏ	ND	0.1
Dibromochloromethane	ND	ND	ND	0.1
1,2-Dibromoethane (EDS)	ND	ND	ND	0.1
Chlorobenzene	ND	ND	ND	0.1
Bromoform	ND	ŅD	ND	0.1
1,1,2,2-Tetrachlomethane	ND	ΝĎ	ND	0.1
1,3-Dichlorobonzena	ND	ND	ND	0.1
1.4-Dichlorobenzene	ND	ND	NĎ	0.1
1,2-Dichlorobenzene	ND	ND	ND:	0.1
Sample Date:	11/16/94	11/16/94	11/23/94	
Extraction Data:	11/23/94	11/23/84	11/23/94	
Analysis Date:	11/29/94	11/29/94	11/29/94	•

ND Not Detected



ANALYSIS
EPA Method 8010

#### Surrogate Recoveries:

Sample Name: Lab Code: Date Analyzed:	B1/\$1 0619-1 11/29/94	B2/S1 0619-2 11/29/94	B3/\$1 0619-3 11/29/94	B4/S1 0619-4 11/29/84	B5/S1 0619-5 11/29/94	Control Limits
Dremoshleromethane: 1,4 - Dichlorobutane:	75.8% 87.6%	77.5% 94.8%	80.3% 87.0%	80.2% 91.2%	85.8% 86,3%	60%-124% 59%-125%
Sample Name: Lab Code: Date Analyzed:	B5/\$1 0619-5 11/30/84	88/81 0619-6 11/29/94	B7/\$1 0619-7 11/29/94	Lab Blank 0619-MB 11/29/94	Con <b>trol</b> Limits	,
Bromochloromethane: 1,4 - Dichlorobutane:	105% 91.6%	99,0% 93,6%	88.5% 82.7%	75,2% 86.8%	59%-124% 59%-125%	ŕ

Signature of Chemist

Laboratory Manager

Laboratory Manager

₩\$£61 820 7892

RZA AGRA INC

->-> RZA KIRKLAND

Ø6 100 B

Project: Y Pay Mor Project No.: 11-07883-11 Project Manager: Dale Kremer Sample Matric Soil

Service Request No.: WA940619 . Report Date: 12/1/94 Report No.: 94061903 C.O.C.: 00242

## OC Data Report Volatile Organic Compounds EPA Method 8010 mg/kg(ppm)

•		<b>-</b>		!	48.12	**	EPA	Relative
		Spike		%	Matrix	<b>%</b>	% Recovery	Percent
Sample Name:	B4/S1	Level	Matrix	Rec.	Spike	Rec.	Acceptance	Difference
Lab Code:	0819-4	(mg/kg)	Spike _	(MS)	Duplicate	(DMS)	Criteria	(RPD)
Vinyl Chloride	ND	2,5	3,0	120	· 2.8	112	28%-163%	6.9
1,1 - Dichloroethene	ND	2.5	2.9	116	<u>29</u>	116	28%-167%	<1.0
Trichloroethene	ND	2.5	2.4	96	2.6	104	35%-148%	8.0
Tetrachloroethene	1.3	2.5	3.8	100	4,0	108	26%-162%	7.7
Chlorobenzene	סא	2.5	25	100	2.3	92 -	38%-150%	8.3
1,4-Dichlorobenzene	ND	2.5	2.5	100	2.5	100	42%-143%	<1.0
					6)			
Sample Date:	11/16/94	~	11/16/94	<u>,</u>	11/16/94	~	•••	
Extraction Date:	11/23/94	~	11/23/94		11/23/94	<b>~</b> ,	<del>***</del>	
Analysis Date:	11/29/94	٠.	11/29/94	. <del></del>	11/29/94	~	<b></b> ,	
							Control	
Surrogate Recovery:							Limite	
Bromochioromethane:	80.2%	*	92.8%	<b>+</b>	92.9%	ź.	80%-124%	•
1,4-Dichlorobutane:	91,2%	, <del>**</del>	97.9%		102%	ويد	59%-126%	

> Not Detected

iboratory Manager

Sent

#### DEPARTMENT OF ECOLOGY NORTHWEST REGIONAL OFFICE FACSIMILE COVER SHEET



DATE:			
TIME:			
Number of Pages:	2	Plus Cover Sheet	1
To: Jeff Myer	\$		
	11.1		
FAX # 340	885%		
FROM:	Atkinson		
PHONE: 649	1-7042	SECTION:	TOP
Department of Ecol Northwest Regional 3190 - 160th Avenu Bellevue, WA 9800 Phone: (206) 649- Fax: (206) 649- SCAN 354-	L Office le S.E. 08-5452 -7000 -7098		
COMMENTS:			
			Ť





## STATE OF WASHINGTON

## DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (206) 649-7000

May 31, 1995

Ms. Melody Westerdal The Norman Company 1420 Fifth Avenue Suite 3600 Seattle, WA 98101-2344

Dear Ms. Westerdal:

Re: Independent Remedial Action Report Former Y Pay Mor Dry Cleaner, Federal Way, WA

Thank you for submitting the results of your independent remedial action for Department of Ecology (Ecology) review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCA).

Ecology's Toxics Cleanup Program has reviewed the following AGRA Earth and Environmental (formerly RZA AGRA) reports for the former Y Pay Mor Dry Cleaner at 2210 South 320th Street in Federal Way, Washington:

- Preliminary Remedial Investigation, dated November 1992.
- Remediation System Installation, dated October 1993.
- Soil Vapor Extraction Remediation System, Performance Monitoring Record, dated February 7, 1994.
- Independent Remedial Action Report, dated December 22, 1994.

Miscellaneous information in Ecology Central Files was also reviewed.

Based upon review of the above-listed information, Ecology has determined that the completed investigations and the remediation of contaminated soil and groundwater at the former Y Pay Mor facility are reasonable approaches for addressing the identified contamination. No further sampling within the on-site building appears to be warranted at this time. However, because contaminants remain on the property at concentrations above MTCA cleanup levels, a restrictive covenant must be recorded with the property deed at the office of the King County Clerk.

DRAFT

Ms. Meloday Westerdal May 31, 1995 Page 2

The restrictive covenant must include the following information:

- 1. Notice must be provided of the presence of cis-1,2-dichloroethene and tetrachloroethene at concentrations above MTCA cleanup levels in soil at confirmation boring B-4 and B-5 locations.
- 2. Provisions must be included in the restrictive covenant for notice to Ecology or its successor agency when on-site activity that may interfere with the remedial action is planned, or when the owner intends to convey any interest in the site.
- 3. The restrictive covenant should also provide for the right of Ecology or its successor agency to enter the property at reasonable times to evaluate compliance with the terms of the covenant, to take samples and to inspect records related to the remedial action.
- 4. Finally, the restrictive covenant should provide for the owner of the property or his "assign and successor in interest" the right to record an instrument which provides that the restrictive covenant will no longer limit use of the property or "be of any further force or effect". This may be recorded only with the consent of Ecology or its successor agency. Note that final confirmational sampling would be required within the building area prior to recording this instrument.

Please note that this interim letter refers only to the releases of cis-1,2-dichloroethene, trichloroethene, 1,1,2,2-tetra-chloroethane, and tetrachloroethene identified in the above-listed documents. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by Y Pay Mor Dry Cleaners, the Norman Company, or the Northwest Building Corporation.

Ecology does not assume any liability for any release, threatened release or other conditions at the site, or for any actions taken or omitted by any person or his/her agents or employees with regard to the release, threatened release, or other conditions at the site.

Please contact me at (206) 649-7042 if you have any questions regarding this letter.

Sincerely,

Elaine P. Atkinson

Environmental Scientist

DRAM

EPA:ea:bn

cc: Jeffrey S. Myers, Attorney at Law Daryl S. Petrarca, AGRA Earth and Environmental





## STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (206) 649-7000

May 31, 1995

Ms. Melody Westerdal The Norman Company 1420 Fifth Avenue Suite 3600 Seattle, WA 98101-2344

Dear Ms. Westerdal:

Re: Independent Remedial Action Report Former Y Pay Mor Dry Cleaner, Federal Way, WA

Thank you for submitting the results of your independent remedial action for Department of Ecology (Ecology) review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCA).

Ecology's Toxics Cleanup Program has reviewed the following AGRA Earth and Environmental (formerly RZA AGRA) reports for the former Y Pay Mor Dry Cleaner at 2210 South 320th Street in Federal Way, Washington:

- Preliminary Remedial Investigation, dated November 1992.
- Remediation System Installation, dated October 1993.
- Soil Vapor Extraction Remediation System, Performance Monitoring Record, dated February 7, 1994.
- Independent Remedial Action Report, dated December 22, 1994

Miscellaneous information in Ecology Central Files was also reviewed.

Based upon review of the above-listed information, Ecology has determined that the completed investigations and the remediation of contaminated soil and groundwater at the former Y Pay Mor facility are reasonable approaches for addressing the identified contamination. No further sampling within the on-site building appears to be warranted at this time. However, because contaminants remain on the property at concentrations above MTCA cleanup levels, a restrictive covenant must be recorded with the property deed at the office of the King County Clerk.

Baronaplandio

Ms. Meloday Westerdal May 31, 1995 Page 2

The restrictive covenant must include the following information:

 Notice must be provided of the presence of cis-1,2-dichloroethene and tetrachloroethene at concentrations above MTCA cleanup levels in soil at confirmation boring B-4 and B-5 locations.

2. Provisions must be included in the restrictive covenant for notice to Ecology or its successor agency when on-site activity that may interfere with the remedial action is planned, or when the owner intends to convey any interest in the site.

- 3. The restrictive covenant should also provide for the right of Ecology or its successor agency to enter the property at reasonable times to evaluate compliance with the terms of the covenant, to take samples and to inspect records related to the remedial action.
- 4. Finally, the restrictive covenant should provide for the owner of the property or his "assign and successor in interest" the right to record an instrument which provides that the restrictive covenant will no longer limit use of the property or "be of any further force or effect". This may be recorded only with the consent of Ecology or its successor agency. Note that final confirmational sampling would be required within the building area prior to recording this instrument.

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Please contact me at (206) 649-7042 if you have any questions regarding this letter.

Sincerely,

Elaine P. Atkinson

**Environmental Scientist** 

DRAFT

EPA:ea:bn

cc: Jeffrey S. Myers, Attorney at Law Daryl S. Petrarca, AGRA Earth and Environmental

That Draft

June 8, 1995

Ms. Melody Westerdal The Norman Company 1420 Fifth Avenue Suite 3600 Seattle, WA 98101-2344

Dear Ms. Westerdal:

Re: Independent Remedial Action Report Former Y Pay Mor Dry Cleaner, Federal Way, WA

Thank you for submitting the results of your independent remedial action for Department of Ecology (Ecology) review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCA).

Ecology's Toxics Cleanup Program has reviewed the following AGRA Earth and Environmental (formerly RZA AGRA) reports for the former Y Pay Mor Dry Cleaner at 2210 South 320th Street in Federal Way, Washington:

- 1. Preliminary Remedial Investigation, dated November 1992.
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- 3. Soil Vapor Extraction Remediation System, Performance Monitoring Record, dated February 7, 1994.
- 4. Independent Remedial Action Report, dated December 22, 1994.

Miscellaneous information in Ecology Central Files was also reviewed.

Based upon review of the above listed information, Ecology has determined that the completed investigations and the remediation of contaminated soil and groundwater at the former Y Pay Mor facility are reasonable approaches for addressing the identified contamination. Based on the above reports, no further sampling within the on-site building appears to be warranted. However, because contaminants remain on the property at concentrations above MTCA cleanup levels, a restrictive covenant must be recorded with the property deed at the office of the King County Clerk.



The restrictive covenant must include the following information:

- 1. Notice must be provided of the presence of cis-1,2-dichloroethene and tetrachloroethene at concentrations above MTCA cleanup levels in soil at confirmation boring B-4 and B-5 locations.
- 2. Provisions must be included in the restrictive covenant for the collection of groundwater samples from MW-3 twice annually over a three year period. All collected samples must be analyzed for volatile organic compounds using EPA Method 8240 or 8260. A copy of all analytical results must be forwarded to Ecology or its successor agency.
- 3. Provisions must be included in the restrictive covenant for notice to Ecology or its successor agency when onsite activity that may interfere with the remedial action is planned, or when the owner intends to convey any interest in the site.
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DRAFT

Sincerely,

Elaine P. Atkinson Environmental Scientist

## EPA:ea:

cc: Mr. Jeffrey S. Myers, Attorney at Law Mr. Daryl S. Petrarca, AGRA Earth and Environmental



## STATE OF WASHINGTON

## DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (206) 649-7000

June 9, 1995

Ms. Melody Westerdal The Norman Company 1420 Fifth Avenue Suite 3600 Seattle, WA 98101-2344

Dear Ms. Westerdal:

Re: Independent Remedial Action Report
Former Y Pay Mor Dry Cleaner, Federal Way, WA

Thank you for submitting the results of your independent remedial action for Department of Ecology (Ecology) review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCA).

Ecology's Toxics Cleanup Program has reviewed the following AGRA Earth and Environmental (formerly RZA AGRA) reports for the former Y Pay Mor Dry Cleaner at 2210 South 320th Street in Federal Way, Washington:

- 1. Preliminary Remedial Investigation, dated November 1992.
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- 3. Soil Vapor Extraction Remediation System, Performance Monitoring Record, dated February 7, 1994.
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Miscellaneous information in Ecology Central Files was also reviewed.

Based upon review of the above listed information, Ecology has determined that the completed investigations and the remediation of contaminated soil and groundwater at the former Y Pay Mor facility are reasonable approaches for addressing the identified contamination.

Ms. Melody Westerdal Page 2 June 9, 1995

Based on the above reports, no further sampling within the on-site building appears to be warranted. However, because contaminants remain on the property at concentrations above MTCA cleanup levels, a restrictive covenant must be recorded with the property deed at the office of the King County Clerk.

The restrictive covenant must include the following information:

- 1. Notice must be provided of the presence of cis-1,2-dichloroethene and tetrachloroethane at concentrations above MTCA cleanup levels in soil at confirmation boring B-4 and B-5 locations.
- 2. Provisions must be included in the restrictive covenant for the collection of groundwater samples from MW-3 twice annually over a three year period. All collected samples must be analyzed for volatile organic compounds using EPA Method 8240 or 8260. A copy of all analytical results must be forwarded to Ecology or its successor agency.
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Ms. Melody Westerdal Page 3 June 9, 1995

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Please contact me at (206) 649-7042 if you have any questions regarding this letter.

Sincerely,

Elaine P. Atkinson

Environmental Scientist

EPA:ea:tm

cc: Mr. Jeffrey S. Myers, Attorney at Law

Mr. Daryl S. Petrarca, AGRA Earth and Environmental

### **ENT OF ECOLOGY - TOXICS CLEANU** ROGRAM DEPAI SITE DATA SUMMARY

Sep 20, 1995

SITE ID INFORMATION

SITE NAME: Y Pay Mor Drycleaner N-17-5295-000 TCP ID:

SITE LOCATION INFORMATION:

COUNTY:

ADDRESS:

CLOSEST CITY:

ZIP CODE:

17 King

2210 S 320th

Federal Way

98003

DEGREES MINUTES SECONDS METHOD TOWNSHIP RANGE SECTION

TAX PARCEL #:

LONGITUDE:

LATITUDE:

LEGISLATIVE DISTRICT: 30

CONGRESSIONAL DISTRICT:

SITE STATUS INFORMATION:

RESPONSIBLE UNIT:

**NW NORTHWEST** 

DATE ENTERED:

Sep 19, 1995

SITE MANAGER:

ATKINSON, ELAINE

LAST UPDATE DATE:

Sep 20, 1995

**ECOLOGY STATUS:** 

STATUTE:

INDEPENDENT STATUS:

PROGRAM PLAN: 3

WARM RANK:

NFA CODE:

**UBAT SITE:** 

EPA ID:

PRELIMINARY ASSESSMENT RATING:

SITE INSPECTION RATING:

ERTS ID: N18783

UBI ID:

LUST ID:

AFRS PROJECT CODE:

SITE COMMENTS:

IRAP review determined interim status - deed restriction recorded.

AFFECTED MEDIA & CONTAMINANTS INFO:

#2 #3 #4 #5 #6 #7 #8 #9 #10 #11 #12 #13 #14 #15 #16 #17 DWTYPE **STATUS MEDIA** #1

C 1 Groundwater

Soil

## IRAP DATA DEFINITIONS FOR SIS DATA INPUT

Site Name: Y Pay Mor Drycleaner

SIS Number: N-17-5295-000

LUST Number: N/A

IRRP - Independent Review Paid

Start date: 1/6/95

Completion date: 6/8/95

Status (in process, completed or cancelled): completed

IRRU - Independent Report Unpaid

Start date:

Completion date:

Status (in process, completed or cancelled)

IRAP Table

TCP ID: N-17-5295-000

Review results (1 = no further action; 2 = further cleanup action needed; 3 = incomplete report received; 4 = interim status letter sent): 4

NFA Status Codes (1 = no further action after assessment; 2 = removal from the Hazardous Sites List; 3 = referred to another Ecology program; 4 = referred to another agency; 5 = referred to local gov't; 6 = cleaned up under prior authority; 7 = cleanup conducted, not on HSL): N/A

Review fee: \$2,000

Total hours: 26 + (sis) = 27

Cleanup conducted?: Y

Cleanup permanent? (Y, N or X for N/A): Partially

Comply w/ cleanup standard? (Y, N or X for N/A): Y

DIII

ley . - 3 Cong . - 9

### LAW OFFICES

## SHORT CRESSMAN & BURGESS P.L.L.C.

PAUL R. CRESSMAN, SR., P.S. IOHN O. DURGESS BRIAN L. COMSTOCK ROBERT E. HEATON JOHN H. STRASBURGER JAMES A. OLIVER DAVID R. KOOPMANS KENNETH I. MYER ROBERT J. SHAW PAUL R. CRESSMAN, JR. ANDREW W. MARON CHRISTOPHER J. SOELLING PAUL I. DAYTON BRYAN P. COLUCCIO RODERT E. HIUBS CHRISTOPHER R. OSBORN MICHAEL R. GARNER DAVID F. BRESKIN SCOTT A. SMITH THOMAS W. READ STEPHEN P. CONNOR SUSAN THORBROGGER SCOTT M. MISSALI

LISA WOLFARD

999 THIRD AVENUE, SUITE 3000 SEATTLE, WASHINGTON 98104-4088 FAX: (206) 340-8856 (206) 682-3333

July 11, 1997

NERRY S. BUCKLIN®
STEPHAN J. FRANCKS
ANN T. WILSON
WILLIAM A. BURGE
KAREN A. GRUEN
CLAUDIA L. CRAWFORD
WALTER II. OLSEN, JR.
ALISON WACRIFRMAN
JOHN D. SULLIVAN
CONNIE SUE MANOS MARTIN
GRAEIM C. WALLACE
JENNIER DIKE
CHRIS FARIAS

» MÜMBER OF PATENT BAR,
USFFO

KENNETH P. SHORT DOUGLAS R. HARTWICH SAMUEL S. CHUNG OF COUNSEL

JOSEF DIAMOND

Ms. Elaine P. Atkinson Environmental Scientist Toxics Cleanup Department of Ecology 3190 - 106th S.E. Bellevue, WA 98008-5452

Re: Sea-Tac Plaza; Former Y Pay Mor Dry Cleaner, Federal Way, Washington

Dear Ms. Atkinson:

We represent the Sea-Tac Plaza Corporation in connection with the former Y Pay Mor Dry Cleaner site in Federal Way, Washington. We have enclosed for your review a draft Declaration of Restrictive Covenants that incorporates the provisions set forth in your draft interim letter issued on June 8, 1995.

We have also enclosed a copy of AGRA's February 28, 1997 report setting forth the results of the February groundwater sampling. The next sampling event is scheduled for this month. Our understanding is that the groundwater monitoring requirements will be set forth in a final no further action letter.

We will forward the July groundwater sampling results to you as soon as we receive them. After you have had a chance to review the enclosed materials, please call me so that we may discuss finalizing the Declaration of Restrictive Covenants and issuance of a final no further action letter.

Sincerely,

Alison Wachterman

Uleson Ukchtupxan

AW:jmb Enclosures

cc: Lita Johnson

131727.1/2tn3

Short Cressman & Burgess P.L.L.C. Attn: Alison Wachterman 3000 First Interstate Center 999 Third Avenue Seattle, WA 98104-4008

## DRAFT

Document Title	Declaration of Restrictive Covenants
Reference Number(s) of Related Documents	
Grantor	SeaTac Plaza Corporation
Grantee	
Legal Description	Space A-6, 2210 S 320th Street, Federal Way, Washington
Additional Legal Description is on Page	I
Assessor's Property Tax Parcel Account Number(s)	

KNOW ALL MEN BY THESE PRESENTS that SeaTac Plaza Corporation, (hereinafter referred to as "Owner"), being the Owner in fee simple of that certain real property situate in the City of Federal Way, County of King, and State of Washington bounded and described as follows (hereinafter referred to as the "Premises"):

That property commonly known as Space A-6, 2210 S 320th Street, Federal Way, Washington, located within Lot 2 as delineated on King County Short Plat No. 1079107, recorded under King County Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planned Unit Development, according to the plat thereof recorded in Volume 100 of Plats, pages 74 and 75, in King County, Washington.

hereby declares and establishes the following restrictive covenants on the Premises.

The Premises has been the subject of an Independent Remedial Action under Chapter 70.105D RCW, the Model Toxics Control Act ("MTCA"). This Declaration of Restrictive Covenants is required by the Washington State Department of Ecology (hereinafter referred to as "Ecology") under WAC 173-340-440 because the Independent Remedial Action Cleanup conducted on the Premises resulted in residual concentrations of two contaminants

above MTCA cleanup levels in the soil in two specific locations located under the building foundation.

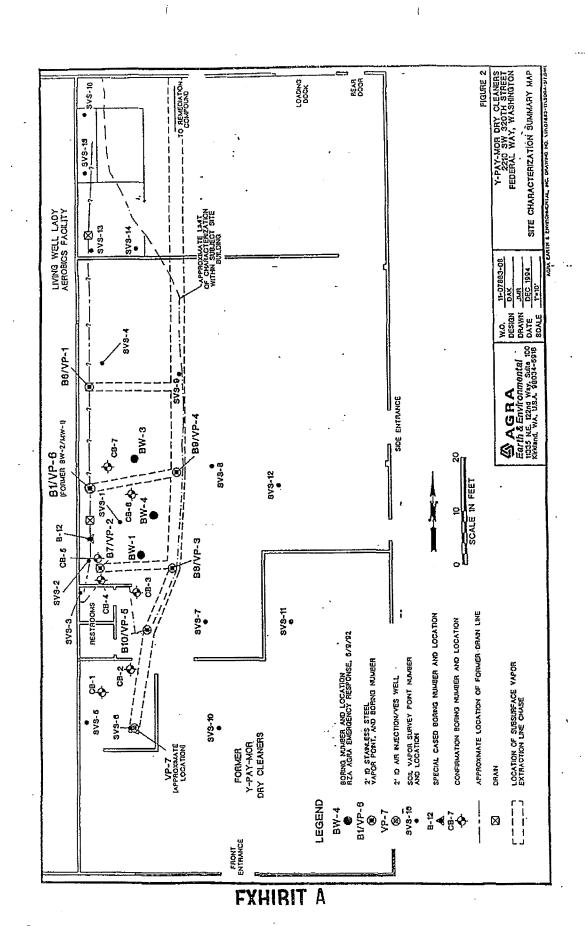
These covenants shall run with the land and shall be binding upon the Owner and all persons who may later become the owner or owners of the Premises or any part thereof and all parties claiming under them in perpetuity, <u>provided however</u>, that such covenants may be removed by an instrument in writing, recorded in the land records where the deed of the Premises is required to be recorded, and signed by the Owner (or the person or persons who are at the time of the instrument the owner or owners of the Premises) and also signed on behalf of Ecology or such other agency of the State of Washington which at the time fulfills the functions of the Department of Ecology.

The restrictive covenants hereby declared and established are as follows:

- 1. The map of the Premises attached to this instrument and marked Exhibit A shows the locations of confirmation borings CB-4 and CB-5 considered at the time of the execution of this instrument to contain levels of cis-1,2-dichloroethene and tetrachloroethane in soil at concentrations above MTCA cleanup levels.
- 2. No person shall engage in any activities on the Premises that may interfere with the remedial action without prior notice to Ecology or its successor agency.
- 3. The owner of the Premises shall give notice to Ecology, or its successor agency, of the owner's intent to convey any interest in the Premises.
- 4. Ecology or its successor agency shall have the right to enter the Premises upon notice at reasonable times for the purposes of evaluating compliance with the terms of these restrictive covenants, to take samples, and to inspect records related to the remedial action.
- 5. These restrictive covenants may be removed and shall be of no further force or effect and no longer limit the use of the Premises by an instrument in writing, recorded in the land records where the deed of the Premises is required to be recorded, and signed by the Owner (or the person or persons who are at the time of the instrument the owner or owners of the Premises) and Ecology (or such other agency of the State of Washington which at the time fulfills the functions of the Department of Ecology). Final conformational sampling within locations of confirmation borings CB-4 and CB-5 in the building area, as shown on the attached Exhibit A, will be required prior to

execution and recording of this instrument. Ecology shall not unreasonably withhold its consent if such final conformational sampling is presented by the Owner.

IN WITNESS WHEREOF, Owner has ca on its behalf by its officer thereunto duly authori	nused this instrument to be signed and sealed zed this day of, 1997.
	SeaTac Plaza Corporation
	Ву
	Its
STATE OF WASHINGTON ) ) ss:	
COUNTY OF KING )	
I certify that I know or have satisfactory of person who appeared before me, and said instrument, on oath stated that he was a acknowledged it as the a Washington Limited Partnership, to be the fre and purposes mentioned in the instrument.	authorized to execute the instrument and
DATED:	, 1997.
	Printed Name:
	NOTARY PUBLIC  My Appointment expires:



ţ



AGRA Earth & Environmental, Inc. 11335 NE 122nd Way Suite 100 Kirkland, Washington U.S.A. 98034-6918 Tel (206) 820-4669 Fax (206) 821-3914

28 February 1997 7-91M-11502

Norman Property Management 1420 Fifth Avenue, Suite 3600 Seattle, Washington 98101

Attention:

Ms. Melody Westerdal

Subject:

Sea-Tac Plaza

Biannual Sampling of Monitoring Well MW-3

Former Y-Pay-Mor Dry Cleaners

Federal Way, Washington

Dear Ms. Westerdal:

AGRA Earth & Environmental, Inc. (AEE) is pleased to present the results of our biannual groundwater sampling event on the above-referenced property under our current contract. This phase of work was completed in general accordance with our *Memorandum of Understanding* dated 5 February 1997.

AEE had previously completed an Independent Remediation Action Report (IRAP) (dated 22 December 1994) for the former Y-Pay-Mor dry cleaner site. It is our understanding that Washington State Department of Ecology (DOE) has requested additional sampling of the groundwater in monitoring well MW-3. The well is to be sampled twice per year, once in the wet season and once in the dry season. This letter presents the results of the first sampling event completed on 10 February 1997.

Prior to sampling, approximately 12 gallons of groundwater was purged from the monitoring well (MW-3). The well was purged dry. The purge water was returned to AEE for disposal. Following purging, the well was allowed to recover, and then a groundwater sample was collected using a disposable bailer. The sample was sent to AEE's analytical lab in Portland, Oregon under AEE's chain-of-custody procedures and submitted for analysis for volatile organic compounds by EPA Method 8260. The laboratory certificates are attached to this letter.

The analytical results indicate that the only analyte present at concentrations above the method detection limits is cis-1,2-Dichloroethene (cis-DCE). The observed concentration of cis-DCE was 1.82 ppb, and is well below the MTCA Method B cleanup level of 80 ppb. This concentration

Norman Property Management 28 February 1997

is slightly lower than the concentration detected on the 17 November 1994 sampling event (2.2 ppb). The historic water level and analytical data are presented in Table 1.

The results of this groundwater sampling event indicate that cis-DCE is currently the only volatile organic compound present at concentrations above the method detection limit of 1 ppb. The results also indicate that the concentration of cis-DCE appears to be continuing to decline. AEE is scheduled to sample this site again in July of 1997.

AEE appreciates the opportunity to be of continued service on this project. If you should have any questions or comments regarding this phase of work or any aspect of this project, please do not hesitate to call.

Respectfully submitted,

AGRA Earth & Environmental, Inc.

Eric L. Smith

Staff Geologist

Alan B. Jones, Ph. D

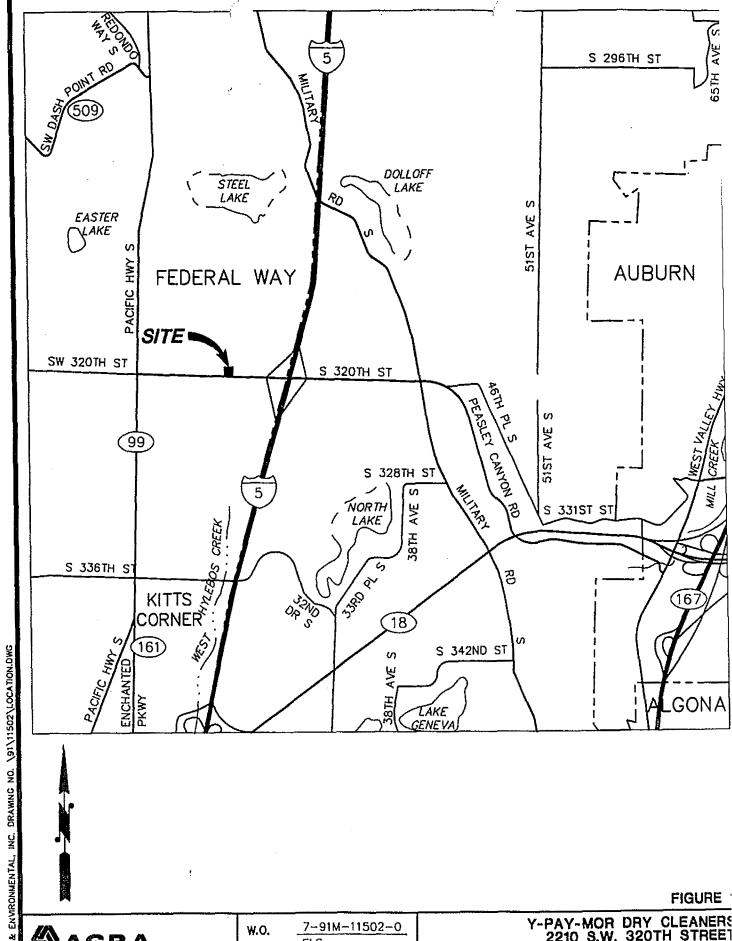
Associate

ELS/ABJ/lad

**Enclosures:** Laboratory Analytical Test Certificates

Figure 1 — Location Map

Figure 2 - Site Map

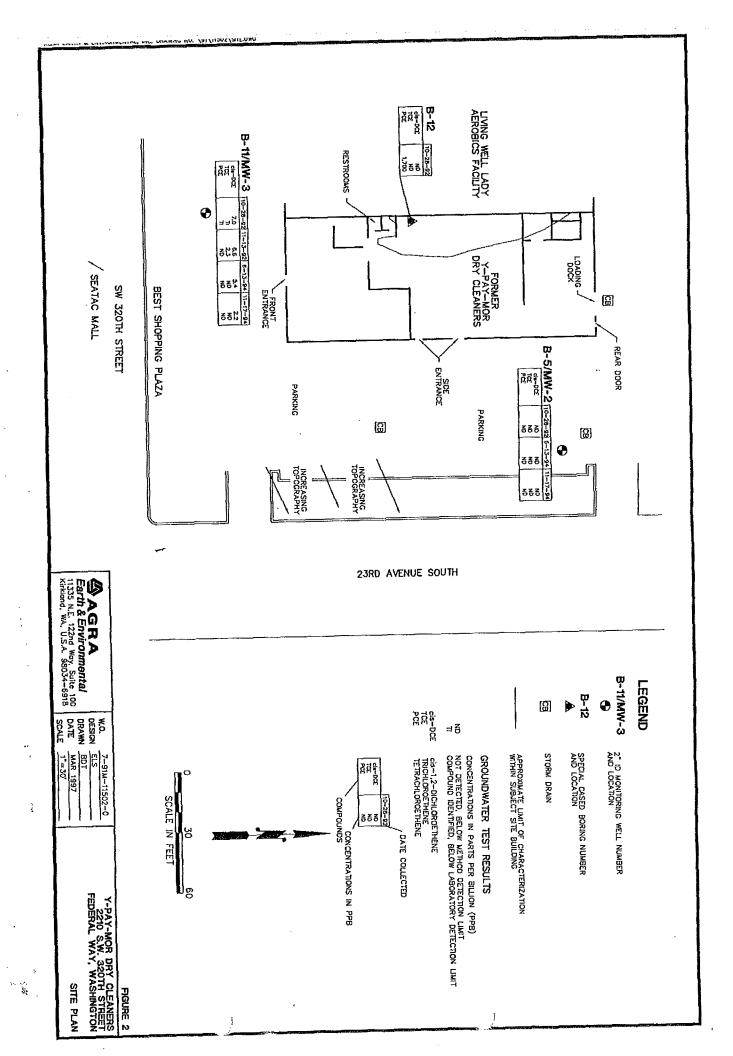


AGRA Earth & Environmental 11335 N.E. 122nd Way, Suite 100 Kirkland, WA, U.S.A. 98034-6918

ELS DESIGN **BDT** DRAWN MAR 1997 DATE N.T.S. **SCALE** 

Y-PAY-MOR DRY CLEANERS 2210 S.W. 320TH STREET FEDERAL WAY, WASHINGTON

**LOCATION MAF** 





AGRA Earth & Environmental, Inc. 7477 SW Tech Center Drive Portland, Oregon U.S.A. 97223-8025 Tel (503) 639-3400 Fax (503) 620-7892

February 19, 1997

AGRA Earth & Environmental 11335 NE 122nd Way, Suite 100 Kirkland, WA 98034

Attention: Mr. Jeff Kaspar

Dear Mr. Kaspar:

RE: Analytical Results For Project 7-91M-11502

Attached are the results for the sample submitted on February 12, 1997 from the above referenced project. For your reference, our project number associated with this sample is WA970084.

The sample was analyzed for volatile organic compounds at the AGRA Earth & Environmental Portland Chemistry Laboratory.

All analyses were conducted in accordance with applicable QA/QC guidelines. The results apply only to the sample submitted.

Please feel free to contact me if you have any questions regarding this report, or if I can be of any assistance in any other matter.

Respectfully submitted,

AGRA Earth & Environmental

Sean Gormley

Laboratory Manager

Project: Why Pay More Project No.: 7-91M-11502 Project Manager: Jeff Kaspar Sample Matrix: Water Service Request No.: WA970084

Report Date: 2/17/97 Report No.: 97008401 C.O.C. No.: 02289

## Volatile Organic Compounds by GC/MSD EPA Methods 5030/8260A ug/L(ppb)

Sample Name:	MW-3	Lab Blank	Reporting
Lab Code:	0084-1	0084-MB	Limit
Dichlorodifluoromethane	ND	ND	1.0
Chloromethane	ND	ND	1.0
_ Vinyl Chloride	ND	ND	1.0
Bromomethane	ND	ND	1.0
Chloroethane	ND	ND	1.0
Trichiorofluoromethane	ND	ND	1.0
1,1-Dichloroethene	ND	ND	1.0
Acetone	ND	ND	20
Carbon Disulfide	ND	ND	1.0
Methylene Chloride	ND	ND	1.0
trans-1,2-Dichloroethene	ND	ND	1.0
1,1-Dichloroethane	ND	ND	1.0
2,2-Dichloropropane	ND	ND	1.0
cis-1,2-Dichloroethene	1.82	ND	1.0
2-Butanone(MEK)	ND	ND	10
Bromochloromethane	ND	, ND	1.0
Chloroform	ND	ND	1.0
1,1,1-Trichloroethane	ND	ND	1.0
Carbon Tetrachloride	ND	ND	1.0
1,1-Dichloropropene	ND	ND	1.0
Benzene	ND	ND	1.0
1,2-Dichloroethane	ND	ND	1.0
Trichloroethene	ND	ND	1.0
1,2-Dichloropropane	ND	ND	1.0
Dibromomethane	ND	ND	1.0
Bromodichloromethane	ND	ND	1.0
cis-1,3-Dichloropropene	ND	ND	1.0
4-Methyl-2-Pentanone(MIBK)	ND	ND	10
Toluene	ND	ND	1.0
trans-1,3-Dichloropropene	ND	ND	1.0
1,1,2-Trichloroethane	ND	ND	1.0
Tetrachloroethene	ND	ND	1.0
2-Hexanone	ND	ND	10
1,3-Dichloropropane	ND	ND	1.0
Dibromochloromethane	ND	ND	1.0
1,2-Dibromoethane	ND	ND	1.0
Chlorobenzene	ND	ND	1.0
1,1,1,2-Tetrachioroethane	ND	ND	1.0
Ethylbenzene	ND	ND	1.0
m,p-Xylene	ND	ND	1.0
o-Xylene	ND	. ND	1.0
Styrene	ND	ND	1.0
,			

Project: Why Pay More Project No.: 7-91M-11502 Project Manager: Jeff Kaspar Sample Matrix: Water Service Request No.: WA970084

Report Date: 2/17/97 Report No.: 97008401 C.O.C. No.: 02289

## Volatile Organic Compounds by GC/MSD EPA Methods 5030/8260A ug/L(ppb)

Sample Name:	MW-3	Lab Blank	Reporting
Lab Code:	0084-1	0084-MB	<u>Limit</u>
Bromoform	ND	ND	1.0
Isopropylbenzene	ND	ND	1.0
Bromobenzene	ND	ND	1.0
1,1,2,2-Tetrachloroethane	ND	ND	1.0
1,2,3-Trichloropropane	ND	ND	1.0
n-Propylbenzene	ND	ND	1.0
2-Chlorotoluene	ND	ND	1.0
4-Chlorotoluene	ND	ND	1.0
1,3,5-Trimethylbenzene	ND	ND	1.0
tert-Butylbenzene	ND	ND	1.0
1,2,4-Trimethylbenzene	ND	ND	1.0
sec-Butylbenzene	ND	ND	1.0
1,3-Dichlorobenzene	ND	ND	1.0
4-Isopropyltoluene	ND	ND	1.0
1,4-Dichlorobenzene	ND	ND	1.0
1,2-Dichlorobenzene	ND	ND	1.0
n-Butylbenzene	ND	ND	1.0
,2-Dibromo-3-Chloropropane	ND	ND	1.0
1,2,4-Trichlorobenzene	ND	ND	1.0
Hexachlorobutadiene	ND	ND	1.0
Naphthalene	ND	ND	20
1,2,3-Trichlorobenzene	ND	ND	20
Sample Date:	2/10/97	2/17/97	
Analysis Date:	2/17/97	2/17/97	
-	• •	• •	EPA
			%Recovery
Surrogate Recoveries:			Acceptance
Dibromofluoromethane:	101%	96.6%	90%-107%
Toluene-d ₈ :	98.4%	96.0%	93%-105%
4-Bromofluorobenzene:	104%	104%	92%-121%

**ND Not Detected** 

Signature of Chemis

QA/QC Review

AGRA
Earth & Environmental

AGRA Earth Environmental Portland Chemistr aboratory
Sample Receipt Documentation Form

Int: Whex Pay More	Cooler Temperatures				
ANO.: WAS90084	,				
Pate: 2/12/91	. , (	/.o° C ·			
me: 10an ·					
emperature Of Cooler Interior Upon Receipt (Record To The Right):	,				
ceived By: (du)		·	· · · · · · · · · · · · · · · · · · ·		
Section 1: Shipping/Delivery Issues	. <u> </u>	<u> </u>			
1. Method of Sample Delivery: URS Red .					
2. Airbill or Courier Receipt Number: 1/576 294	2860				
3. Is a copy of the airbill or courier receipt available to be					
placed in the job file?	(Yes	No	NA		
Section 2: Sample Custody Issues		•			
4. Are custody seals on the shipping container intact?	Yes	No	. (NA)		
5. Is a COC or other sample transmittal document present?	Yes	No	NA		
6. Is the COC complete?	Yes	No:	NA .		
7. Are sample seals intact?	Yes	No ·	(NA)		
8. Does the COC match the samples received?	Yes	No	NA NA		
Section 3: Sample Integrity Issues		<u>'</u> .	·		
9. Are all sample containers intact and not leaking?	(Yes)	No ·	NA :		
O. Are all samples preserved properly?	Yes	No	' NA		
11. Are all samples within holding time for the required tests?	(es)	No ·	NA NA		
12. Were all samples received at the proper temperature?	(Tes)	. No	NA		
13. Are samples for volatiles and other headspace sensitive					
parameters free of headspace or bubbles?	Yes	No .	NA ·		
Section 4: Sample Containers Received:		·	<u>.</u> :		
14. 4 oz glass jars	•				
15. 8 oz glass jars	•				
16. 40 ml VOA vials 2		<del></del>			
17. 1 liter glass					
18. Other (describe):					

NOTE: Any response of no above requires filing a nonconformance report with laboratory management.

Reviewed By:

Laboratory Manager or Designee



# **CHAIN OF CUSTODY**

3. AGRA Earl	Ŋ	dry.	•	CONDITIO	CONDITIO	TOTAL # C	SAMPLE	10.	ه.	Ġ.	7.	6.	5.		3	7	4 W	SAMPLE I.D.	SAMPLER	SAMPLER'	PROJECT MANAGE	CLIENT	PAOJECT
3.  AGRA Earth & Environmental, Inc. (7/94)		2 hut	RELINQUIS	CONDITION OF SEALS	CONDITION OF CONTAINERS	TOTAL / CONTAINERS	SAMPLE RECEIPT										5-14 M	, as	SAMPLER'S SIGNATURE	9.	ا ٽ	144	Why Pa
Inc. (7/94)	-	1	RELINQUISHED BY / AFFILIATION		0)			-					_	/	/		2111/47	DATE		<u>F</u> =	011.	1	1
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		]	2										X		)		4	MATRIX			20%		
		21111	DATE	DOT DESIGNATION	CARRIER	SHIPPING I	LABORATORY				/			7			d 11:12	X PRESERVATIVE		PHONE No.	6) 820-	(206) DW-4669	PROJECT No.
		3 (0)		NATION	UPS	SHIPPING I.D. / AIRBILL #	TORY		-	1	/						1 24				0-4669	12-4C	· 1150
		8200	TIME		5	-1	APRA		/	/					. ]		ᆲ	CONTAINERS				69	ىد
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Mind			AOC			848		1	-	1								BTEX/WT	PH-G				
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myen			BY / AF															WTPH-0/	WTPH-C	EXT	ENDED		ANALYSIS REQUESTED
eee			FILIATION	□ OTHER	WEEK (standard)	☐ 8 HOUR☐ 24 HOUR	TURNA		1.		_	-	-		ļ ———			трн бу ЕР	A 8015	MODI	FIED		QUES
			2	EA S		RUO RUO	JRNAROUND TIME			-			-					WTPH-418	.1 MOD	IFIED	·	· · · · · · · · · · · · · · · · · · ·	TED (o
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1/12/27			DATE		19	2 VOA3	SPECIAL INSTRUCTIONS / ADDITIONAL COMMENTS					-	-		<u> </u>	_	_	Semi-vola VOCs EP		3010 o	r EPA 60	02 / 8020	(circle, check box or write preferred method in box)
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DISTRIBUTION: White, Yellow - Laboratory, Pink - Originator

AGRA Earth & Environmental, Inc. (7/94)

12)AO-1004

## LAW OFFICES

## SHORT CRESSMAN & BURGESS P.L.L.C.

JOHN O. BURGESS BRIAN L. COMSTOCK ROBERT E. HEATON JOHN II. STRASBURGER IAMES A. OLIVER DAVID R. KOOPMANS KENNETH L. MYER. ROBERT I. SHAW PAUL R. CRESSMAN, JR. ANDREW W. MARON CHRISTOPHER J. SOELLING PAUL J. DAYTON BRYAN P. COLUCCIO ROBERT E. HIBBS CHRISTOPHER R. OSBORN MICHAEL R. GARNER DAVID E. DRESKIN SCOTT A. SMITH THOMAS W. READ STEPHEN P. CONNOR SUSAN THORBROGGER SCOTT M. MISSALL

LISA WOLFARD

999 THIRD AVENUE, SUITE 3000 SEATTLE, WASHINGTON 98104-4088 FAX: (206) 340-8856 (206) 682-3333

RECEIVED

October 6, 1997

OCT 07 1997

DEPT. OF ECOLOGY

KERRY S. BUCKLIN‡
ANN T. WILSON
WILLIAM A. DURGE
KAREN A. GRUEN
CLAUDIA L. CRAWFORD
WALTER H. OLSEN, JR.
ALISON WACHITERMAN
JOHN D. SULLIVAN
FAUL CHUEY
CONNIE SUE MANOS MARTIN
GRAEHM C. WALLACE
JENNIFER DIKE
CHRIS FARIAS

* MEMBER OF PATENT BAR;
USETO

KENNETH P. SHORT DOUGLAS R. HARTWICH SAMUEL S. CHUNG OF COUNSEL

JOSEF DIAMOND
COURSEL TO THE FIRM

Ms. Elaine P. Atkinson Environmental Scientist Toxics Cleanup Department of Ecology 3190 - 106th S.E. Bellevue, WA 98008-5452

Re: Sea-Tac Plaza; Former Y Pay Mor Dry Cleaner, Federal Way, Washington; DOE

No. N-17-5295-000

Dear Ms. Atkinson:

Enclosed for your review is a copy of AGRA's August 20, 1997 report that sets forth the results from the July groundwater sampling event at the former Y Pay Mor Dry Cleaner in Federal Way. We have previously forwarded the February sampling results to you.

As you can see, the results show that the concentration of cis-DCE remains an order of magnitude below the MTCA Method B cleanup level. Both AGRA and SeaTac Plaza believe that these results should satisfy the Department's monitoring requirement. I will contact you shortly so that we may discuss finalizing the Declaration of Restrictive Covenants and issuance of a final no further action letter.

In the meantime, please feel free to call if you have any questions.

Sincerely,

Alison Wachterman

AW:jmb

Enclosure

cc: Lita Johnson

142364.1/31%k



AGRA Earth & Environmental, Inc. 11335 NE 122nd Way Suite 100 Kirkland, Washington USA 98034-6918 Tel (206) 820-4669 Fax (206) 821-3914

20 August 1997 7-91M-115020

The Norman Company 1420 Fifth Avenue, Suite 3600 Seattle, Washington 98101 RECEIVED AUG 25 1997 SHORT, CRESSMAN & BURGESS

Attention:

Ms. Lita F. Johnson, R.P.A.

Subject:

Sea-Tac Plaza

Biannual Sampling of Monitoring Well MW-3

Former Y-Pay-Mor Dry Cleaners

Federal Way, Washington

Dear Ms. Johnson:

AGRA Earth & Environmental, Inc. (AEE) is pleased to present the results of our biannual groundwater sampling event on the above-referenced property under our current contract. This phase of work was completed in general accordance with our *Memorandum of Understanding* to Melody Westerdal of The Norman Company dated 5 February 1997.

AEE had previously completed an *Independent Remediation Action Report* (IRAP, dated 22 December 1994) for the former Y-Pay-Mor dry cleaner site. It is our understanding that the Washington State Department of Ecology (Ecology) requested additional sampling of the groundwater in monitoring well MW-3 to monitor the presence of cis-DCE. The well was to sampled twice per year, once in the wet season and once in the dry season. This letter presents the results of the second sampling event completed on 23 July 1997.

Prior to sampling, approximately 3 gallons of groundwater was purged from the monitoring well (MW-3). The well was purged dry. The purge water was returned to AEE for disposal following results of the analytical testing. Following purging, the well was allowed to recover and then a groundwater sample was collected from the bottom of the well using a disposable bailer. The sample was sent to AEE's analytical lab in Portland, Oregon under AEE's chain-of-custody procedures and submitted for analysis for volatile organic halocarbons by EPA Methods 5030/8260A. The laboratory certificates are attached to this letter.

The analytical results indicate that the only analyte present at concentrations above the method detection limit is cis-1,2-dichloroethene (cis-DCE). The observed concentration of

The Norman Company 20 August 1997

(

cis-DCE was 3.63 ppb and is well below the MTCA Method B cleanup level of 80 ppb. This concentration is slightly higher than the concentrations detected on the 10 February 1997 sampling event (1.82 ppb) and the 17 November 1994 sampling event (2.2 ppb). The historic water level and analytical data are presented in Table 1. The observed increase is most likely due to a seasonal change in the amount of dilution created by wet winter conditions versus drier summer conditions and a lower water table.

The results of this groundwater sampling event indicate that cis-DCE is currently the only volatile organic compound present at concentrations above the method detection limit of 1 ppb. The results also indicate that the concentration of cis-DCE appears to be fairly stable with some seasonal fluctuation. AEE is not currently scheduled to sample this site again.

AEE recommends that you forward copies of both this report and the one generated on 28 February 1997 to the Ecology project manager for the IRAP project, Ms. Elaine Atkinson. Ecology stipulated in a meeting attended by AEE representatives, Ms. Melody Westerdal of Norman Property Management, and Ms. Atkinson of Ecology on 30 May 1995 that monitoring well MW-3 be sampled and analyzed biannually for 3 years for volatile organic halocarbons, beginning that summer. Although this monitoring was only performed for the year 1997, it is likely that, because the concentration of cis-DCE remains an order of magnitude below the MTCA Method B cleanup level, Ecology will no longer require that The Norman Company continue the sampling program. Alternatively, AEE will contact the Ecology project manager, submit copies of these two reports, and negotiate a resolution on The Norman Company's behalf if you so request. The Ecology identification number for this site, N-17-5295-000, should be used in all correspondence with Ecology regarding this site.



The Norman Company 20 August 1997

AEE appreciates the opportunity to be of continued service on this project. If you should have any questions or comments regarding this phase of work or any aspect of this project, please do not hesitate to call.

Respectfully submitted,

AGRA Earth & Environmental, Inc.

imberly 6. Hazard

Environmental Technician

Alan B. Jones, Ph.D

**Associate** 

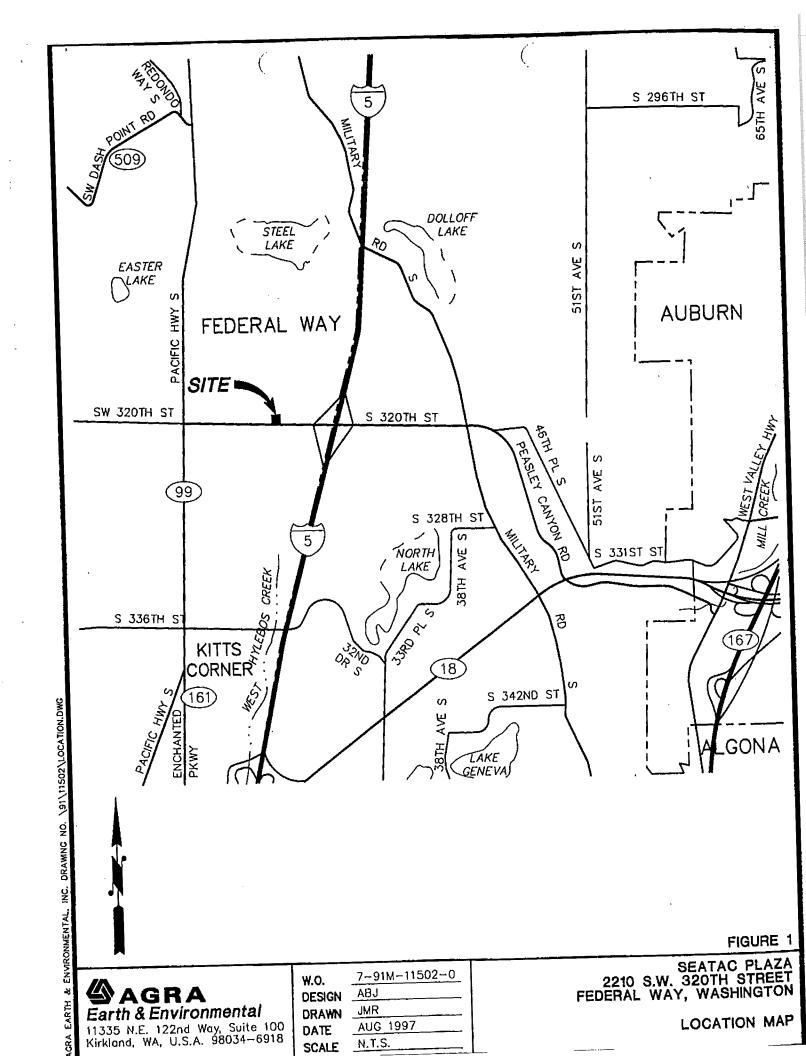
KDH/ABJ/lad

Enclosures: Table 1 - Summary of Analytical Test Results

Laboratory Analytical Test Certificates

Figure 1 - Location Map Figure 2 - Site Plan





Summary of Analytical Test Results: Groundwater (MW-3) Table 1: SeaTac Plaza (Former Y-Pay-Mor Dry Cleaners) 2210 SW 320th Street Federal Way, Washington AGRA Earth & Environmental, Inc. Project No. 7-91M-11502-0

Sample ID	Date Collected	Depth to Water * (feet)	cis-DCE (ppb)	TCE (ppb)	PCE (ppb)
MW-3	28-Oct-92	8.56	7	TI	TI
14141-0	13-Nov-92	8.15	6.6	2.3	ND
•	13-Jun-94	8.12	5.4	ND	ND
	17-Nov-94	8.63	2.2	ND	ND
	10-Feb-97	NR	1.82	ND	ND
	23-Jul-97	8,20	3.63	ND	ND
ITOA Matha			NA	5	5
MTCA Method "A" Cleanup Level MTCA Method "B" Cleanup Level			80	NÄ	NA

## Notes:

cis-DCE = cis-1,2-Dichloroethene

TCE = Trichloroethene

PCE = Tetrachloroethene

MTCA = Washington State, Model Toxics Control Act.

NR = Depth to water was not recorded on this date.

ND = Compound was analyzed, but was below laboratory detection limits.

TI = Compound identified, is estimated below laboratory detection limit.

* = Measured from the top of monitoring well casing.

All analytes are cover under EPA Method 8240 (Dec. 1992 through Nov. 1994) and EPA Method 8260A (Feb. 1997 through July 1997) for volatile organics These methods cover a broad scan of analytes. Compound above are the only analytes in the broad scan that were measured above the laboratory detection limits. Analytes not shown, but covered under Methods 8240 and 8260A were below the laboratory detection limits for all samples.



AGRA Earth & Environmental, Inc. 7477 SW Tech Center Drive Portland, Oregon USA 97223-8025 Tel (503) 639-3400 Fax (503) 620-7892

July 30, 1997

AGRA Earth & Environmental 11335 NE 122nd Way, Suite 100 Kirkland, WA 98034

Attention: Dr. Alan Jones

Dear Dr. Jones:

RE: Analytical Results For Project 7-91M-11502

Attached are the results for the sample submitted on July 24, 1997 from the above referenced project. For your reference, our project number associated with this sample is WA970497.

The sample was analyzed for volatile organic halocarbons at the AGRA Earth & Environmental Portland Chemistry Laboratory.

All analyses were conducted in accordance with applicable QA/QC guidelines. The results apply only to the sample submitted.

Please feel free to contact me if you have any questions regarding this report, or if I can be of any assistance in any other matter.

Respectfully submitted,

AGRA Earth & Environmental

Sean Gormley Laboratory Manager Project: Y-Pay-MOR
Project No.: 7-91M-11502
Project Manager: Alan Jones
Sample Matrix: Water

Service Request No.: WA970497

Report Date: 7/29/97 Report No.: 97049701 C.O.C. No.: 02659

## Volatile Organic Halocarbons EPA Methods 5030/8260A ug/L(ppb)

Sample Name: Lab Code:	MW-3 0497-1	Lab Blank 0497-MB	Method Reporting Limit
Chloromethane	ND	ND	1.0
Vinyl Chloride	ND	ND	1.0
Bromomethane	ND	ND	1.0
Chloroethane	ND	ND	1.0
Trichlorofluoromethane	ND	ND	1.0
1.1-Dichloroethene	ND	ND	1.0
Methylene Chloride	ND	ND	1.0
T-1,2-Dichloroethene	ND	ND	1.0
1,1-Dichloroethane	ND	ND	1.0
C-1,2-Dichloroethene	3.63	ND	1.0
Chloroform	ND	ND	1.0
1,1,1-Trichloroethane (TCA)	ND	ND	1.0
Carbon Tetrachloride	ND	ND	1.0
1,2-Dichloroethane (EDC)	ND	ND	1.0
Trichloroethene (TCE)	ND	ND	1.0
1,2-Dichloropropane	ND	ND	1.0
Bromodichloromethane	ND	ND	1.0
2-Chloroethylvinyl ether	ND	ND	1.0
T-1,3-Dichloropropene	ND	ND	1.0
C-1,3-Dichloropropene	ND	ND	1.0
1,1,2-Trichloroethane	ND	ND	1.0
Tetrachloroethene (PCE)	ND	ND	1.0
Dibromochloromethane	ND	ND	1.0
1,2-Dibromoethane (EDB)	ND	ND	1.0
Chlorobenzene	ND	ND	1.0
Bromoform	ND	ND	1.0
1,1,2,2-Tetrachloroethane	ND	ND	1.0
1,3-Dichlorobenzene	ИD	ND	1.0 1.0
1,4-Dichlorobenzene	ND	ND	1.0
1,2-Dichlorobenzene	ND	ND	1.0

**Sample Date:** 7/23/97 7/29/97 **Analysis Date:** 7/29/97 7/29/97

ND Not Detected

## ANALYSIS EPA Methods 5030/8260A

## Surrogate Recoveries:

Sample Name: Lab Code: Date Analyzed:	MW-3 0497-1 7/29/97	Lab Blank 0497-MB 7/29/97	Controi Limits
Dibromofluoromethane: Toluene-d ₈ :	99% 100%	99% 99%	90%-107% 93%-105%
4-Bromofluorobenzene:	103%	108%	92%-121%

Signature of Chemist

QA/QC Review



Project: Y-Pay-MOR
Project No.: 7-91M-11502
Project Manager: Alan Jones
Sample Matrix: Water

Service Request No.: WA970497

Report Date: 7/29/97 Report No.: 97049702

C.O.C.: 02659

## QC Data Report MS/MSD Summary Volatile Organic Compounds by GC/MSD EPA Methods 5030/8260A ug/L(ppb)

				-,			AEE	Relative
		Spike		Percent	Matrix	Percent	% Recovery	Percent
Sample Name:	MW-3	Level	Matrix	Recovery	Spike	Recovery	Acceptance	Difference
Lab Code:	0497-1	(ug/L)	Spike	(MS)	Duplicate	(DMS)	Criteria	(RPD)
1,1 - Dichloroethene	<1.0	50.0	54.0	108	52.5	105	75% - 129%	3
Benzene	<1.0	50.0	54.4	109	53.8	108	91% - 115%	1
Trichloroethene	<1.0	50.0	51.5	103	51.0	102	86% - 110%	<1
Toluene	<1.0	50.0	53.3	107	53.2	106	86% - 116%	<1
Chlorobenzene	<1.0	50.0	54.2	108	53.3	107	92% - 113%	2
Sample Date:	7/23/97	~	7/23/97	~	7/23/97	~	~	
Analysis Date:	7/29/97	~	7/29/97	~	7/29/97	~	~ AEE	
						•	Acceptance Limits	
Surrogate Recovery:			4000/		99%	~	90%-107%	
Dibromofluoromethane:	99%	~	100%	~			93%-105%	
Toluene-d ₈ :	100%	~	100%	~	100%	~	92%-121%	
4-Bromofluorobenzene:	103%	~	107%	~	103%	~	92%-121%	

**ND Not Detected** 

1 (1) (1) (2) (2)

Signature of Cherylst

OA/QC Review

## AGRA Larth & Environmental Portland Chemistry Laboratory Sample Receipt Documentation Form

		Coole	er Temperature	s
Project: 1-Pay-mark	$\dashv$		•	
SR No.: WA97049+	-			
Date: 77 34197	,	$\neg \cap$		
Time: 9,40			7.2	
Temperature of Cooler Upon Receipt (Record to the Right):				
Received By:				
Section One: Shipping/Delivery Issues				
1. Method of Sample Delivery: \\\OPS \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<u>.</u> 2 ර	18		
2. Airbill or Courler Receipt Number: 7 0011013	2 C	ACT		
3. Is a copy of the airbill or courier receipt available to	1	Yes	No	NA
be placed in the job file?		(163)		
Section Two: Sample Custody Issues				
4. Are custody seals on the shipping container intact?		(Yes)	No	NA NA
5. Is a COC or other sample transmittal document present?		Yes	No	NA
6. Is the COC complete?		Yes	. No	NA
7. Are the sample seals intact?		Yes	No	NA
8. Does the COC match the samples received?		Yes	No	NA
Section Three: Sample Integrity Issues			N.	NA
Are all sample containers intact and not leaking?		Yes	No No	NA NA
10. Are all samples preserved properly?		Yes	No No	NA NA
11. Are all samples within holding time for the required tests	?	Yes.	No No	NA NA
12. Were all samples received at the proper temperature?		Yes	No	INA
13. Are samples for volatiles and other headspace sensitive				NA NA
parameters free of headspace or bubbles?		Yes	No	INA
Section Four: Sample Containers Received:				
14. 4 oz. glass jars:		20z. amber (MeO)		
15. 8 oz. glass jars:		Encore samplers	:	
16. 40ml VOA vials:		500ml plastic:		
17, 1 liter glass:	22.	1 liter plastic:		
18 Other (describe):				

Reviewed By:

Laboratory Manager of Designee

SAGRA Earth & Environmental Engineering Global Solutions

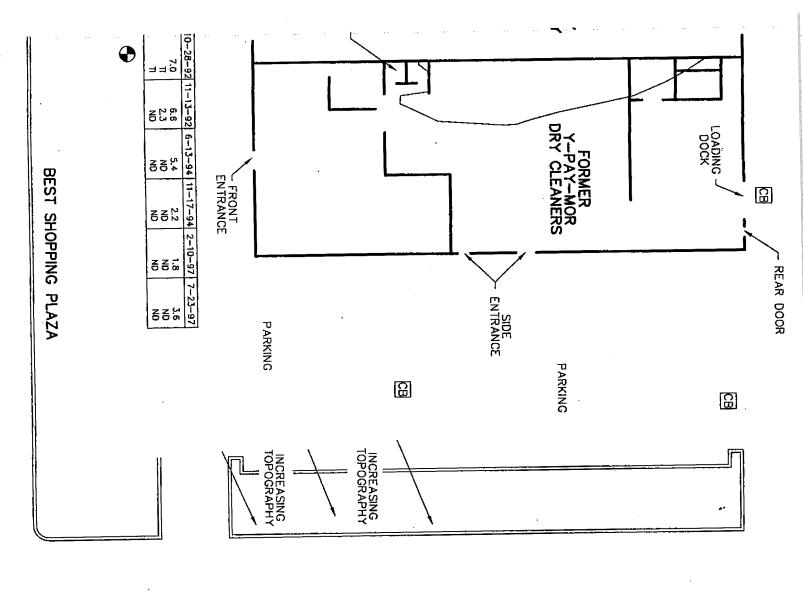
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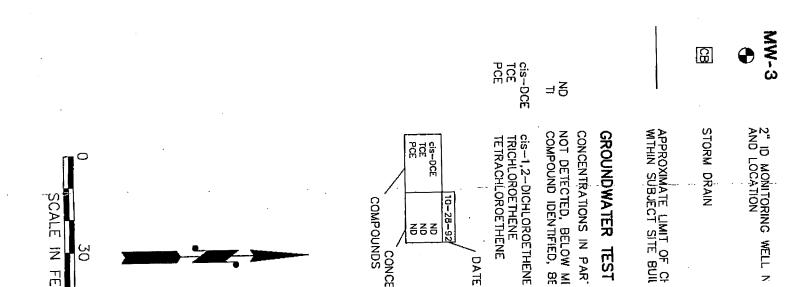
# CHAIN OF CUSTODY

SAMPLE RECEIPT  TOTAL I CONTAINERS  CONDITION OF SEALS  RELINQUISHED BY / AFFILIATION  1. AFFILIATION  2. AFFILIATION	7/23/10 (133)	MONOS NAME (Glosso print)  SIGNATURE  SIGNATURE  SIGNATURE  TIME MATRIX
SHIPPING I.D. / AIRBILL *  CARRIER  DOT DESIGNATION  DATE TIME  7/23 9 3:000	Chill S Van	PROJECT NO.  7291 M-11502 PHONE NO.  PHONE NO.  425-820-4669 PHONE NO.  PHONE NO.  CONTAINERS
ACCEPTOR ANTA		ANALYSIS WITPH-D EXTENDED  WITPH-BY EPA 8015 MODIFIED
8 HOUR 24 HOUR 1 WEEK 22 WEEK (Slandard) OTHER  ATTION .	NAROUND TIME	TPH by EPA 8015 MODIFIED  WTPH-418.1 MODIFIED  TPH by EPA 418.1  GC / MS EPA 624 / 8240 or EPA 8260 Volaties  GC / MS EPA 625 / 8270 Semi-volaties  VOCs EPA 601 / 8010 or EPA 602 / 8020  PCBs EPA 608 / 8080  LEAD EPA 6010 / EPA 7421 Total / Dissolved  TOTAL METALS  TCLP
DATE TIME	CIAL INSTRUCTIONS.	VOCs EPA 601 / 8010 or EPA 602 / 8020  PCBs EPA 608 / 8080  LEAD EPA 6010 / EPA 7421  Total / Dissolved  TOTAL METALS
DE OF	ODITIONAL COMMENTS	TCLP  4240

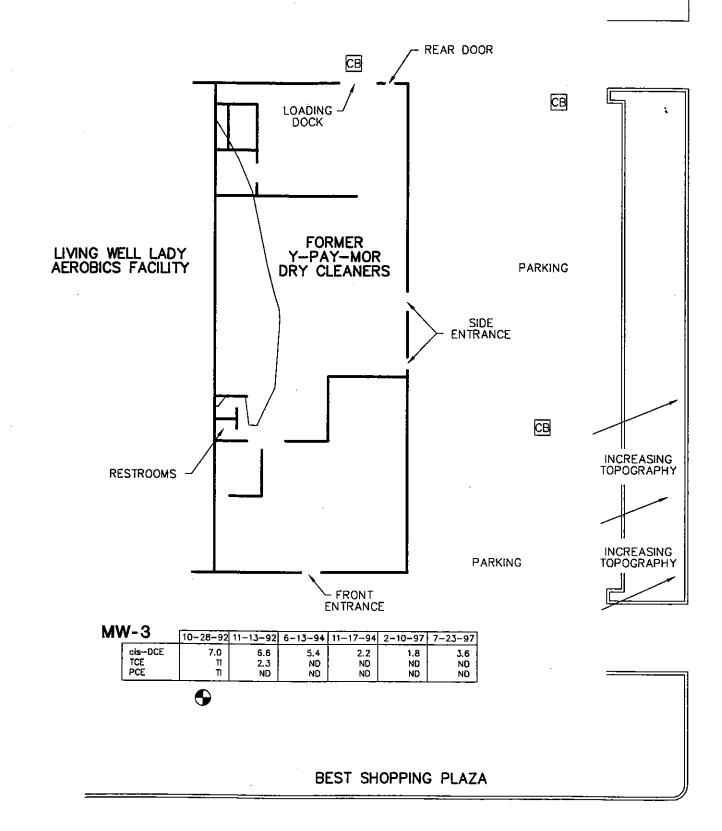
---- PAUSO



23RD AVENUE SOUTH







SW 320TH STREET

SEATAC MALL

## **LEGEND**

**MW-3** 

2" ID MONITORING WELL NUMBER AND LOCATION

•

СВ

STORM DRAIN

APPROXIMATE LIMIT OF CHARACTERIZATION WITHIN SUBJECT SITE BUILDING

#### GROUNDWATER TEST RESULTS

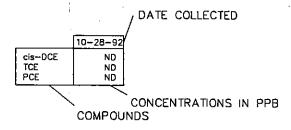
CONCENTRATIONS IN PARTS PER BILLION (PPB)

NOT DETECTED, BELOW METHOD DETECTION LIMIT COMPOUND IDENTIFIED, BELOW LABORATORY DETECTION LIMIT

cis-DCE TCE PCE

TI

cis-1,2-DICHLOROETHENE TRICHLOROETHENE TETRACHLOROETHENE



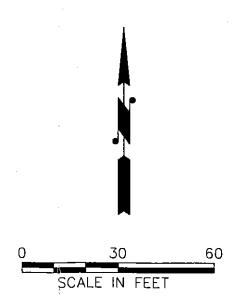


FIGURE 2



W.O.	7-91M-11502-0
DESIGN	ABJ
DRAWN	JMR
DATE	AUG 1997

SEATAC PLAZA 2210 S.W. 320TH STREET FEDERAL WAY, WASHINGTON

LAW OFFICES

# SHORT CRESSMAN & BURGESS P.L.L.C.

999 THIRD AVENUE, SUITE 3000

SEATTLE, WASHINGTON 98104-4088

FAX: (206) 340-8856

(206) 682-3333

PAUL R. CRESSMAN, SR., P.S. JOHN O. BURGESS BRIAN L. COMSTOCK ROBERT E. HEATON JOHN H. STRASBURGER JAMES A. OLIVER DAVID R. KOOPMANS KENNETH L. MYER RODERT J. SHAW RICHARD A. DU BEY PAUL R. CRESSMAN, JR. ANDREW W. MARON CHRISTOPHER J. SOELLING PAUL J. DAYTON BRYAN P. COLUCCIO ROBERT E. HIBBS CHRISTOPHER R. OSBORN MICHAEL R. GARNER DAVID E. BRESKIN SCOTT A. SMITH STEPHEN P. CONNOR

February 27, 1998

ANN T. WILSON
WILLIAM A. BURGE
CLAUDIA CRAWFORD
WALTER H. OLSEN, JR.
ALISON WACHTERMAN
JOHN D. SULLIVAN
PAUL CHUEY
CONNIE SUE MANOS MARTIN
GRAEMS C. WALLACE
JENNIFER DIKE
ANNE-MARIE E. SARGENT
DEREK N. KO
R. BRENT WALTON
CHRIS FARIAS

RECEIVED

MAR 02 1998

DEPT. OF ECOLOGY

KENNETH P. SHORT DOUGLAS R. HARTWICH SAMUEL S. CHUNG OF COUNSEL

JOSEF DIAMOND COUNSEL TO THE FIRST

* MEMBER OF PATENT BAR, USPTO

SUSAN THORDROGGER

SCOTT M. MISSALL

LISA WOLFARD KERRY S. BUCKLING

Dan Cargill
Department of Ecology
3190 - 106th S.E.
Bellevue, WA 98008

Re:

SeaTac Plaza; Former Y-Pay-Mor Dry Cleaners

Draft Restrictive Covenant

Dear Dan:

I have enclosed for your review a draft Restrictive Covenant for the SeaTac Plaza Corporation's former Y-Pay-Mor site. I have put the document into the new format you provided to me. As you will see, the only information I have not put in is the list of documents in Ecology's file regarding the site. Hopefully, you will be able to provide us with that information to input into the document.

Please let me know if this document is acceptable to Ecology so that we may move forward. Thank you and please call if you have any questions.

Sincerely,

SHORT CRESSMAN & BURGESS P.L.L.C.

Alixon Wacietunia

Alison Wachterman

AW:jmb

cc: Ms. Lita Johnson

Short Cressman & Burgess P.L.L.C. Attn: Alison Wachterman 3000 First Interstate Center 999 Third Avenue Seattle, WA 98104-4008

Document Title	Restrictive Covenant
Reference Number(s) of Related Documents	*
Grantor	SeaTac Plaza Corporation (the "Property Owner")
Grantee	
Legal Description	That Property Rommonly known as Space A-6, 2210 S. 320th Street, Federal Way, Washington, located within Lot 2 as delineated on King County short Plat No. 1079107, recorded under King County Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planed Unit Development, according to the plat thereof recorded in Volume 100 of Plats, pages 74 and 75, in King County, Washington.
Assessor's Property Tax Parcel Account Number(s)	

# RESTRICTIVE COVENANT

# SEATAC PLAZA CORPORATION

2210 S. 320th Street, Space A-6; Former Y-Pay -Mor Dry Cleaners

This Declaration of Restrictive Covenant is made pursuant to RCW 70.105D.030(1)(f) and (g) and WAC 173-340-440 by SEATAC PLAZA CORPORATION, its successors and assigns, and the State of Washington Department of Ecology, its successors and assigns (hereafter "Ecology").

An independent remedial action (hereafter "Remedial Action") occurred at the property that is the subject of this Restrictive Covenant. The Remedial Action conducted at the property is described in the following document[s]:

These documents are on file at Ecology's Northwest Regional Office.

This restrictive Covenant is required because the Remedial Action resulted in residual concentrations of two contaminants which exceed the Model Toxics Control Act (MTCA) cleanup levels in the soil in two specific locations located under the building foundation.

The undersigned, SEATAC PLAZA CORPORATION, is the fee owner of real property (hereafter "Property") in the County of King, State of Washington, that is subject of this Restrictive Covenant. The Property is legally described as follows:

That property commonly known as Space A-6, 2210 S, 320th Street, Federal Way, Washington, located within Lot 2 as delineated on King County short Plat No. 1079107, recorded under King County Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planned Unit Development, according to the plat thereof recorded in Volume 100 of Plats, pages 74 and 75, in King County, Washington.

SEATAC PLAZA CORPORATION makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, as provided by law and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereafter "Owner").

<u>Section 1</u>. A portion of the Property contains soil contaminated with cis-1,2-dichloroethene and tetrachloroethane, located under the building foundation at confirmation borings CB-4 and CB-5 as shown on Exhibit A. The Owner shall not alter, modify, or remove the existing structure(s) in any manner that may result in the release or exposure to the environment of that contaminated soil or create a new exposure pathway without prior written approval from Ecology.

Section 2. Any activity on the Property that may interfere with the integrity of the Remedial Action and continued protection of human health and the environment is prohibited.

Section 3. Any activity on the Property that may result in the release or exposure to the environment of a hazardous substance that remains on the Property as part of the Remedial Action, or create a new exposure pathway, is prohibited without prior written approval from Ecology.

Section 4. The Owner of the Property must give thirty (30) day advance written notice to Ecology of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial Action.

Section 5. The Owner must restrict leases to uses and activities consistent with the Restrictive Covenant and notify all lessees of the restrictions on the use of the Property.

Section 6. The Owner must notify and obtain approval from Ecology prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. Ecology may approve any inconsistent use only after public notice and comment.

Section 7. The Owner shall allow authorized representatives of Ecology the right to enter the Property at reasonable times for the purpose of evaluating the Remedial Action; to take samples, to inspect Remedial Actions conducted at the Property, and to inspect records that are related to the Remedial Action.

Section 8. The Owner of the Property reserves the right under WAC 173-340-440 to record an instrument that provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force or effect. However, such an instrument may be recorded only if Ecology, after public notice and opportunity for comment, concurs. Final conformational sampling within locations of confirmation borings CB-4 and CB-5 in the building area, as shown on the attached Exhibit A, will be required prior to execution and recording of an instrument providing that this Restrictive Covenant shall have no further force and effect. Ecology shall not unreasonably withhold its consent if such final conformational sampling is presented by the Owner.

DATED this da	ay of	_, 1998.	
SEATAC PLAZA CO	PORATION		DRAFT
By			

Its			
STATE OF WASHINGTON	) ) ss:		
COUNTY OF KING	)		
I certify that I know or h who appeared before me, and said he was authorized to execute the SeaTac Plaza Corporation, a corpurposes mentioned in this instru	person acknowledged is instrument and ack oration, to be the free	nowledged it as the	ent, on oath stated that of
DATED:		, 1998.	
	Print N	ame:	GL-4C
		RY PUBLIC in and for the ngton, residing at	
		pointment expires:	
(Use this space for notarial st	mp/seal)		

1



## STATE OF WASHINGTON

#### DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (425) 649-7000 March 6, 1998

Alison Wachterman Short Cressman & Burgess P.L.L.C 999 Third Avenue, Suite 3000 Seattle, WA 98104-4088

Dear Ms. Wachterman:

Re: SeaTac Plaza; Y-Pay-Mor Dry Cleaners
Draft Restrictive Covenant

I have forwarded the draft Restrictive Covenant I received on March 2, 1998, to Maia Bellon of the Attorney General's office for her comment on <u>Section 8</u>. Other than my question about the wording on <u>Section 8</u>, the draft appears acceptable.

The documents that Ecology reviewed are as follows:

Preliminary Remedial Investigation, by AGRA Earth and Environmental (formerly RZA AGRA), dated November 1992,

Remediation System Installation, by AGRA Earth and Environmental (formerly RZA AGRA), dated October 1993,

Soil Vapor Extraction Remediation System, Performance Monitoring Record, by /AGRA Earth and Environmental (formerly RZA AGRA), dated February 7, 1994,

Independent Remedial Action Report, by AGRA Earth and Environmental (formerly RZA AGRA), dated December 22, 1994

The issue of monitoring will be addressed in the final NFA letter.

Alison Wachterman March 6, 1998 Page 2

If you have any questions regarding this letter or the Restrictive Covenant, please don't hesitate to call me at 425-649-7023.

Sincerely,

Daniel R. Cargill

DC:dc

# COPY

# SHORT CRESSMAN & BURGESS P.L.L.C.

PAUL R. CRESSMAN, SR., P.S. IOHN O. BURGESS BRIAN L COMSTOCK ROBERT E. HEATON JOHN H. STRASBURGER JAMES A. OLIVER DAVID R. KOOPMANS KENNETH L. MYER ROBERT J. SHAW RICHARD A. DU BEY PAUL R. CRESSMAN, JR. ANDREW W. MARON Christopher J. Soelling PAUL I. DAYTON BRYAN P. COLUCCIO ROBERT E. HIBBS CHRISTOPHER R. OSBORN MICHAEL R. GARNER DAVID E. BRESKIN SCOTT A. SMITH STEPHEN P. CONNOR **SUSAN THORBROGOER** SCOTT M. MISSALL LISA WOLFARD

 MEMBER OF PATENT BAR, USPTO

KERRY S. BUCKLIN+

999 THIRD AVENUE, SUITE 3000 SEATTLE, WASHINGTON 98104-4088 FAX: (206) 340-8856 (206) 682-3333

April 7, 1998

AUG 25 1998
DEPT. OF ECOLOGY

ANN T. WILSON
WILLIAM A. BURGE
CLAUDIA CRAWPORD
WALTER II. OLSEN, JR.
ALISON WACHTERMAN
JOHN D. SULLIVAN
PAUL CHUEY
CONNIE SUE MANOS MARTIN
GRAEHM C. WALLACE
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R. BRENT WALTON
CHRIS FARIAS

KENNETH F. SHORT DOUGLAS R. HARTWICH SAMUEL S. CHUNO OF COUNSEL

OSEF DIAMOND COUNSEL TO THE FIRM

Mr. Dan Cargill
Department of Ecology
3190 - 106th S.E.
Bellevue, WA 98008-5452

Re: Y-Pay-Mor Dry Cleaners; SeaTac Plaza Corporation; Restrictive

Covenant and No Further Action Letter

#### Dear Dan:

Thank you for all your assistance in finalizing the Restrictive Covenant for the former Y-Pay-Mor Dry Cleaners site owned by the SeaTac Plaza Corporation. I have forwarded the document to my client for review and signature.

You requested information regarding the appropriate person to address a No Further Action letter to. That person would be:

Rich J. Gamba Vice-President Citibank Global Asset Management Citibank, N.A. 153 East 53rd Street, Suite 5600 New York, New York 10043

Re: SeaTac Plaza Corporation

166986.1/3k%\$/013033.00001

Mr. Dan Cargill April 7, 1998 Page 2

The Norman Company is the local management company for SeaTac Plaza Corporation properties. Please call if you need any more information.

Sincerely,

Alison Wachterman

AW:jmb

cc: Ms. Lita Johnson

# DEPARTMENT OF ECOLOGY NORTHWEST REGIONAL OFFICE

June 11, 1998

TO:

File

FROM:

Dan Cargill

Toxics Cleanup Program, NWRO

SUBJECT:

Y-Pay-Mor Cleaners Restrictive Covenant

On March 2, 1998, I received a draft restrictive covenant for this site from Alison Wachterman based on a copy of the model RC I had e-mailed to her. I forwarded it on to Maia Bellon because I questioned Paragraph 8. Maia's comments were that the first portion of paragraph 8 was acceptable, the last sentence was not. I relayed this to Ms Wachterman.

Her letter of April 7, 1998 is the last contact on the subject.

DC:dc

cc:

Re: (Y PAY MORE, old Inap

## DEPARTMENT OF ECOLOGY NORTHWEST REGIONAL OFFICE FACSIMILE COVER SHEET



2/. 100	E C O L O G Y
DATE: $\frac{7/21/98}{}$	
TIME:	
Number of Pages: Plus Cover Sheet	
TO: Emily Schneider	
FAX#: 410 785 6220 FROM: Lydia Lindwall	
PHONE: 649-7023 SECTION: 1 Friday 360 407-7205	df
Department of Ecology Northwest Regional Office 3190 - 160th Avenue S.E. Bellevue, WA 98008-5452 Phone: (425) 649-7000 Fax: (425) 649-7098	
COMMENTS: IT LOOKS like the	RC is ALL that
15 needed - with prousions	too Monitoring
Since that was in 1995	we would want to
See those Sampling result	15 Seo p2 #2 -
We have never received Filed with King County	A copy of the K

	Ecology WWRO		"To Provide Faster Service at Lower Cost"	U e
	MAIL STOPS		FILE #	
	70 Maia Bellon	1. Cal-M	or Dry Cloaner	-
	MS 4-0117			_
		DIEACC	- NO REPL	v
		PLEASE REPLY BY:	NO REPL REQUIRE	
	Message Iti Maia. You may or may not h	ave honrd.	that Im leaving	
FOLD	Ecology so I'm trying to wrap up a LOT	of paperio	ork. This proposed	2
1	Message Hi Maia. You may or may not he Ecology, so I'm trying to wrap up a LOT restrictive covenant came in vecently.	Dan Carg	ill will be the	_
	interime IRAP coordinator until they he site will now be handled by him or coordinate with Dan.	ire a perma	ment one. So thic	
	site will now be handled by him or	his dosigr	ee. Please	
	coordinate with Dan.			najaca
	It's been great working with you! The to know that kens Radiator is all de that's what the rumor is).	ought you	also might like	
	to know that kens Radiator is all ale	orned up	(or at least	
	that what the rumor is).			
	Thurs to receive the second			
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FOLD				
	[ ]	Daine at	#HONE NO. 1425)649-7042 7/	28
	Reply		1	
,				
7		1		
7:				
7:				
727				

FORM S.F. 1 (9/91)

#### LAW OFFICES

# SHORT CRESSMAN & BURGESS P.L.L.C.

PAUL R. CRESSMAN, SR., P.S. John O. Burgess BRIAN L. COMSTOCK ROBERT E. HEATON JOHN H. STRASBURGER IAMES A. OLIVER DAVID R. KOOPMANS KENNETH L. MYER ROBERT 1. SHAW RICHARD A. DU BEY PAUL R. CRESSMAN, JR. ANDREW W. MARON CHRISTOPHER J. SOELLING PAUL J. DAYTON BRYAN P. COLUCCIO ROBERT E. HIBBS CHRISTOPHER R. OSBORN MICHAEL R. GARNER DAVID E. BRESKIN SCOTT A. SMITH STEPHEN P. CONNOR SUSAN THORBROGGER SCOTT M. MISSALL LISA WOLFARD KERRY S. BUCKLIN*

999 THIRD AVENUE, SUITE 3000 SEATTLE, WASHINGTON 98104-4088 FAX: (206) 340-8856 (206) 682-3333

> AUG 25 1998 DEPT. OF ECOLOGY

August 21, 1998

ANN T. WILSON
WILLIAM A. DURGE
CLAUDIA CRAWFORD
WALTER H. OLSEN, JR.
ALISON WACHTERMAN
JOHN D. SULLIVAN
PAUL CHUEY
CONNIE SUB MANOS MARTIN
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KENNETH P. SHORT DOUGLAS R. HARTWICH SAMUEL S. CHUNG OF COUNSEL

JOSEF DIAMOND COUNSEL TO THE FIRM

* MEMBER OF PATENT BAR, USPIO

Mr. Dan Cargill
Department of Ecology
3190 - 106th S.E.
Bellevue, WA 98008-5452

Re:

Y-Pay-Mor Drycleaners; SeaTac Plaza Corporation;

Recorded Restrictive Covenant

Dear Mr. Cargill:

I am enclosing with this letter a copy of the Department of Ecology's approved Restrictive Covenant as recorded in the office of the King County Auditor under File No. 9808101434. I understand the terms of this Restrictive Covenant were approved by you in conjunction with Alison Wachterman of our office. Ms. Wachterman has left our office and I will be handling the wrap-up of this matter.

As I understand the situation, we have now completed all of the steps necessary for the Department of Ecology to issue a formal No Further Action letter on the Y-Pay-Mor Drycleaners site. We formally request that the Department do so at its earliest convenience. By letter to you dated April 7, 1998, Ms. Wachterman advised that the appropriate person to address the Department's final NFA letter would be Rich J. Gamba. I am enclosing another copy of that letter for your convenience.

Mr. Dan Cargill August 21, 1998 Page - 2

I would like to receive a copy of the final NFA letter when it is sent to Mr. Gamba so I may include it in my file and distribute it to the Northwest property managers, Trammel Crow.

If you have any questions about this matter, please call at your convenience.

Sincerely,

Scott M. Missall

SMM/jmb Enclosures

cc: Herb Brooks (w/encs.)



Short Cressman & Burgess P.L.L.C. Attn: Scott M. Missall 3000 First Interstate Center 999 Third Avenue Seattle, WA 98104-4008

9808101434

Document Title	Declaration of Restrictive Covenant
Reference Number(s) of Related Documents	N/A
Grantor	ScaTac Plaza Corporation
Grantee	Evergreen Plaza, a Planned Unit Development
Legal Description	Space A-6, 2210 S. 320th Street, Federal Way, Washington, located within Lot 2, KCSP No. 1079107, Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planed Unit Development, Plats Vol. 100, pages 74 and 75
Parcel Number(s)	242320-0050-00

# RESTRICTIVE COVENANT

# SEATAC PLAZA CORPORATION

2210 S. 320th Street, Space A-6; Former Y-Pay -Mor Dry Cleaners

This Declaration of Restrictive Covenant is made pursuant to RCW 70.105D.030(1)(f) and (g) and WAC 173-340-440 by SEATAC PLAZA CORPORATION, its successors and assigns.

An independent remedial action (hereafter "Remedial Action") occurred at the property that is the subject of this Restrictive Covenant. The Remedial Action conducted at the property is described in the following documents:

Preliminary Remedial Investigation, by AGRA Earth and Environmental (formerly RZA AGRA), dated November 1992.

Remediation System Installation, by AGRA Earth and Environmental (formerly RZA AGRA), dated October 1993.

Soil Vapor Extraction Remediation System, Performance Monitoring Record, by AGRA Earth and Environmental (formerly RZA AGRA), dated February 7, 1994.

Independent Remedial Action Report, by AGRA Earth and Environmental (formerly RZA AGRA), dated December 22, 1994.

These documents are on file at the Northwest Regional Office of the State of Washington Department of Ecology (hereafter "Ecology").

This restrictive Covenant is required because the Remedial Action resulted in residual concentrations of two contaminants which exceed the Model Toxics Control Act (MTCA) cleanup levels in the soil in two specific locations located under the building foundation.

The undersigned, SEATAC PLAZA CORPORATION, is the fee owner of real property (hereafter "Property") in the County of King, State of Washington, that is subject of this Restrictive Covenant. The Property is legally described as follows:

That property commonly known as Space A-6, 2210 S. 320th Street, Federal Way, Washington, located within Lot 2 as delineated on King County short Plat No. 1079107, recorded under King County Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planned Unit Development, according to the plat thereof recorded in Volume 100 of Plats, pages 74 and 75, in King County, Washington.

SEATAC PLAZA CORPORATION makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, as provided by law and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereafter "Owner").

- <u>Section 1.</u> A portion of the Property contains soil contaminated with cis-1,2-dichloroethene and tetrachloroethane, located under the building foundation at confirmation borings CB-4 and CB-5 as shown on Exhibit A. The Owner shall not alter, modify, or remove the existing structure(s) in any manner that may result in the release or exposure to the environment of that contaminated soil or create a new exposure pathway without prior written approval from Ecology.
- Section 2. Any activity on the Property that may interfere with the integrity of the Remedial Action and continued protection of human health and the environment is prohibited.
- Section 3. Any activity on the Property that may result in the release or exposure to the environment of a hazardous substance that remains on the Property as part of the Remedial Action, or create a new exposure pathway, is prohibited without prior written approval from Ecology.
- Section 4. The Owner of the Property must give thirty (30) day advance written notice to Ecology of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial Action.
- Section 5. The Owner must restrict leases to uses and activities consistent with the Restrictive Covenant and notify all lessees of the restrictions on the use of the Property.
- <u>Section 6</u>. The Owner must notify and obtain approval from Ecology prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. Ecology may approve any inconsistent use only after public notice and comment.
- Section 7. The Owner shall allow authorized representatives of Ecology the right to enter the Property at reasonable times for the purpose of evaluating the Remedial Action; to take samples, to inspect Remedial Actions conducted at the Property, and to inspect records that are related to the Remedial Action.
- Section 8. The Owner of the Property reserves the right under WAC 173-340-440 to record an instrument that provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force or effect. However, such an instrument may be recorded only if Ecology, after public notice and opportunity for comment, concurs.

DATED this 24th day of Jy, 1998.
SEATAC PLAZA CORPORATION
By Sanh
Its Vier President
STATE OF New York )  SS:  COUNTY OF New York )
I certify that I know or have satisfactory evidence that Richal J. Gamba is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute this instrument and acknowledged it as the Vice Praide of SeaTac Plaza Corporation, a corporation, to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument.
DATED: 51, 244, 1998.
Print Name: Ancient of MCLEIVE NOTARY PUBLIC in and for the State of New York, residing at 446 Central Pt W. My Appointment expires: 5-15-99
Notary Public, State of New York No. 01 MC5043756  Quelified in New York County Commission Expires May 15, 1997

(Use this space for notarial stamp/seal)



#### STATE OF WASHINGTON

#### DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (425) 649-7000 October 22, 1998

Mr. Rich J. Gambia
Vice President
Citibank Global Asset Management
Citibank, N.A.
153 East 53rd Street, Suite 5600
New York, NY 10043

Dear Mr. Gamba:

Re: Independent Remedial Action

Sea-Tac Plaza/Former Y-Pay-Mor Dry Cleaner, Space A-6, 2210 S. 320th Street, Federal Way, Washington

Thank you for submitting the results of your independent remedial actions for review by the State of Washington Department of Ecology (Ecology). Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCA).

Ecology's Toxics Cleanup Program has reviewed the following information regarding the former Y-Pay-Mor Dry Cleaner facility located at Space A-6, 2210 S. 320th Street, Federal Way:

- 1. Preliminary Remedial Investigation, prepared by RZA AGRA, Inc. dated November 1992:
- 2. Remediation System Installation, prepared by RZA AGRA, Inc. dated October 1993;
- 3. Soil Vapor Extraction remediation System, Performance Monitoring Record, prepared by RZA AGRA, Inc. dated February 7, 1994;
- 4. Independent Remedial Action Report, prepared by AGRA Earth & Environmental, Inc. dated December 22, 1994;
- 5. Biannual Sampling of Monitoring Well MW-3 prepared by AGRA Earth & Environmental, Inc. dated 20 August 1997;
- 6. Miscellaneous information in the Central Files of the Northwest Regional Office (NWRO) related to the site.

The reports listed above will be kept in the Central Files of the Northwest Regional Office of Ecology for review by appointment only. Appointments can be made by calling Sally Perkins at the NWRO at (425) 649-7190.

Rich J. Gamba October 22, 1998 Page 2

Based upon the information in the reports listed above, Ecology has determined that, at this time, the release of cis-1,2-dichloroethene, trichloroethane, and tetrachloroethane into the soil and groundwater no longer poses a threat to human health or the environment.

Therefore, Ecology is issuing this determination that no further remedial action is necessary at this site under MTCA, chapter 70.105D RCW. However, please note that because your actions were not conducted under a consent decree with Ecology, this letter is written pursuant to RCW 70.105D.030(1)(i) and does not constitute a settlement by the state under RCW 70.105D.040(4) and is not binding on Ecology.

In addition, the Restrictive Covenant filed on your property dated July 24, 1998, is a condition to maintain Ecology's no further action determination. The Restrictive Covenant is attached to this letter as Attachment A. Ecology's no further action determination automatically terminates and will have no force and effect if any portion of the Restrictive Covenant is violated.

Ecology's no further action determination is made only with respect to the release identified in the independent remedial action report dated December 22, 1994. This no further action determination applies only to the area of the property affected by the release identified in the report at , 2210 S. 320th Street, Federal Way. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by SeaTac Plaza Corporation.

Ecology will update its database to reflect this "No Further Action" determination. Your site will not appear in future publications of the Confirmed & Suspected Contaminated Sites Report (previously known as the Affected Media and Contaminants Report.)

The state, Ecology, and its officers and employees are immune from all liability and no cause of action of any nature may arise from any act or omission in providing this determination.

If you have any questions, please contact me at 425-649-7023 or by e-mail at daca461@ecy.wa.gov.

Sincerely,

Daniel R. Cargill

Toxics Cleanup Program

DC:dc Enclosure

cc: Scott M. Missall, Short Cressman & Burgess

## DEPARTMENT OF ECOLOGY TOXICS CLEANUP PROGRAM SITE DATA SUMMARY as of 10/23/98

**FACILITY SITE ID: 2518** 

SITE NAME: Y PAY MOR DRYCLEANER

TCP ID: N-17-5295-000

SITE LOCATION INFORMATION

**ADDRESS: 2210 S 320TH** 

**DEGREES MINUTES SECONDS** 18

19

TOWNSHIP RANGE SECTION

LATITUDE:

122

16,452

0

**CITY: FEDERAL WAY** 

LONGITUDE:

47

0.372

LEGISLATIVE DISTRICT#: 30

**CONGRESSIONAL DISTRICT #:** 

ZIP CODE: 98003

**COUNTY: KING** 

TAX PARCEL#:

SITE STATUS INFORMATION

ECOLOGY STATUS: 4 Independent RA

INDEPENDENT STATUS: 3 Independent final RA report received

PROGRAM PLAN: 3 IRAP

WARM BIN #:

STATUTE: 2 MTCA only

**ERTS ID: N18783** 

LUST ID:

RESPONSIBLE UNIT: NORTHWEST

SITE MANAGER: ATKINSON, ELAINE

PROJECT CODE:

NFA CODE: 1 No further action after assessment (or IRAP)

<u>#15</u>

#17 DW TYPE:

**ENTERED DATE: 9/19/95** SITE UPDATE DATE: 10/23/98

NFA DATE: 10/22/1998

#10 #11 #12 #13 #14

SITE COMMENTS

IRAP review determined NFA status - deed restriction recorded. Second IRAP review 1997-1998.

#2 #3 #4 #<u>5</u>

## AFFECTED MEDIA AND CONTAMINANTS INFORMATION

STATUS #1 **MEDIA** 

R R Soil

Groundwater R R

### AFFECTED MEDIA AND CONTAMINANTS LEGEND

#6 #7 #8 #9

#1 = Base/Neutral Organics

#2 = Halogenated Organic Compounds

#3 = Metals-Priority Pollutants

#4 = Metals-Other

#5 = PCB

#6 = Pesticides

#7 = Petroleum Products

#8 = Phenolic Compounds

#9 = Non-Halogenated Solvents

#10 = Dioxins

#11 = PAH

#12 = Reactive Wastes

#13 = Corrosive Wastes

#14 = Radioactive Wastes

#15 = Conventional Contaminants, Organic

#16 = Conventional Contaminants, Inorganic

#17 = Asbestos

## VCP CLEANUP REVIEW FILE CHECKLIST - OLD IRAP

Site Name: Y-Pay-Mor Dryckaners	ERTS: N 18783 /N 5417
Address: \$ 2210 s. 320th Street	LUST Number #:
City/County Federal Way King 98003	UST Number #:
Reviewer: Atkinson / Carg, 11	SIS Number: N-/-7 - 5295 - 000
Draft ERTS form sent to Complaint Tracker	Completed form Received
Central File OUT CARD prepared	
Review/Receipt Letter prepared	Sent
Site Register Notice (Rept of New Rpts)	Via LUSTbase
IITS database - ERTS info entered Yes	No RecordVia LUSTbaseUpdated
IRAPtrak Site Info entered	
IRRP - Independent Review Paid:	IRRU - Independent Report Unpaid:
	ay date:
Completion date: $10/22/98$ Total	Hours: 32.0 (Incl. 3.0 for Admin)
Initial Pmt: \$ 1000 Fee B	Salance Due: \$ 1000 Paid
Status: in process completed cance	lled
Review results:  1 = no further action 2 = further cleanup action needed 3 = incomplete report received  4 = interim status letter ser 5 = long-term Monitoring 6 = deed restriction	NFA Status:
IRAPtrak Site Info Updated	
No I	RecordVia LUSTbaseUpdated
Updated ERTS form to Complaint Tracker	Completed ERTS form Rec'd
Environmental Indicators Completed /60, 3	Saved to disk
Site Register Notice - Review Complete	
UST/LUST Database Update – Forwarded to U	
Forward Entire File to: L. Bardy for SIS	
	•
NOTES:	
t:\tcp\vcp\coord\filechk1.doc Rev. 3/4/98	

fs= 2518

# SHORT CRESSMAN & BURGESS P.L.L.C.

PAUL R. CRESSMAN, SR., P.S. IOHN O. BURGESS BRIAN I. COMSTOCK JOHN H. STRASBURGER JAMES A. OLIVER DAVID R. KOOPMANS KENNETH L. MYER ROBERT I. SHAW RICHARD A. DU BEY PAUL R. CRESSMAN, JR. ANDREW W. MARON CHRISTOPHER J. SOELLING PAUL J. DAYTON BRYAN P. COLUCCIO ROBERT E. HIBBS CHRISTOPHER R. OSBORN MICHAEL R. GARNER DAVID E. BRESKIN SCOTT A. SMITH STEPHEN P. CONNOR SUSAN THORBROGGER SCOTT M. MISSALL LISA WOLFARD

KERRY S. BUCKLIN+

USPTÓ

. MEMBER OF PATENT BAR,

999 THIRD AVENUE, SUITE 3000 SEATTLE, WASHINGTON 98104-4088

FAX: (206) 340-8856 (206) 682-3333 RECEIVED

NOV 2 5 1998

ANN T. WILSON
CLAUDIA CRAWFORD
WALTER H. OLSEN, JR.
JOHN D. SULLIVAN
PAUL CHUEY
CONNIE SUE MANOS MARTIN
GRAEHM C. WALLACE
JENNIFER DIKE
ANNE-MARIE E. SARGENT
DEREK N. KO
R. BRENT WALTON
CHRIS FARIAS
N. ELIZABETH MCCAW**

DEPT OF ECOLOGY

November 24, 1998

KENNETH P. SHORT DOUGLAS R. HARTWICH ROBERT E. HEATON SAMUEL S. CHUNG OF COUNSEL

JOSEF DIAMOND
COUNSEL TO THE FIRM

** ADMITTED IN GEORGIA

Mr. Dan Cargill Department of Ecology 3190 - 106th S.E. Bellevue, WA 98008-5452

Re: Y-Pay-Mor Drycleaners; Confirmational Soil Borings

Dear Mr. Cargill:

Pursuant to your telephone call last month, I reviewed our files to locate the confirmational soil borings for the Y-Pay-Mor drycleaner's site. In particular, I reviewed the Independent Remedial Action Report, Former Y-Pay-Mor Drycleaners, Best Shopping Plaza, 2210 320th Street South, Federal Way, Washington (December 1994) prepared by AGRA Earth & Environmental. You should have a copy of that document in your files.

I am enclosing a copy of Table 5 from the narrative report pursuant to your request. Table 5 is a summary of confirmational boring/soil analyses performed on November 16, 1994. I believe this contains the information which you requested. In addition, the IRAP narrative summary, at Section 1.0, notes that "confirmation for remediation of soil PCE contamination indicates that one soil sample, of seven total, exceeded MTCA Method A cleanup for soil by 0.3 ppm PCE."

Although I was not involved with the cleanup of this site from the beginning, it is important to remember that the independent remedial action conducted on the site and accepted by the Department focused largely on clean up of groundwater contamination. See IRAP, Section 5.0. That is to be expected in a situation where ongoing businesses, buildings

Mr. Dan Cargill November 24, 1998 Page - 2

and parking lots cover the property in question. Subsequent monitoring reports, also in your possession, confirm that the site meets applicable groundwater cleanup standards.

Please let me know if you have any more questions about this matter. I trust that this information is sufficient for your needs.

Sincerely,

Scott M. Missall

SMM/jmb Enclosures

cc: Herb Brooks (w/encs.)

Table 5: Summary of Confirmational Boring/Soil Analyses AGRA Earth & Environmental, Inc Project No. 11-07883-11 Y-Pay-Mor Dry Cleaners Federal Way, Washington

	Sample	Date	Collected (ff)	Reading (ppm)	(ppm)	(ppm)	(ppm)
	:5:	Collected	(1.9)	(111144)	(11194)	(1119/9)	177
_	B-1/S-1	16-Nov-94	6.5 - 8.0	0.0	<0.1	<0.1	<0.1
	B-2/S-1	16-Nov-94	5.0 - 6.5	0.0	<0.1	<0.1	<0.1
	B-3/S-1	16-Nov-94	5,0 - 6,5	0.0	0.11	<0.1	6.1
•	B-4/S-1	16-Nov-94	5.0 - 6.5	0,0.	0.33	1.3	<0.1
•	B-5/S-1	16-Nov-94	6.5 - 8.0	0.0	71 ·	<0.1	<0.1
	B-6/S-1	16-Nov-94	5.0 - 6.5	0.0	<0.1	<0.1	<0.1
	B-7/S-1	16-Nov-94	5.0 - 6.5	0.0	0.8	<0.1	<0.1
	MTCA Meth	MTCA Method "A" Cleanup Level	ıp Level		NA A	0.5	0,5
	MTCA Meth	MTCA Method "B" Cleanup Level	ıp Level		- <del>800</del> 8	NA A	Ň

# Notes:

cis-1,2-DCE = cis-1,2-Dichloroethene PCE = Tetrachlororethene

MTCA = Model Toxics Control Act.

OVM used contained an 11.8 eV ionization potential lamp. OVM vapor reading was taken from

soil vapor effluent immediately after withdrawing soil vapor sample.

All analytes are cover under EPA Method 8010 for volatile organics. This Method covers a broad scan of analytes. Indicated above are the only analytes in the broad scan that were measured above the laboratory detection limit. Analytes not shown, but covered under Method 8010 were below the laboratory detection limit for all samples.

All concentrations are expressed in parts per million (ppm).

**FAX NUMBERS** 

(212) 848-7300

## SHEARMAN & STERLING

599 Lexington Avenue
New York, New York 10022
Communications Dept. Telephone: (212) 848-8434

### FAX COVER SHEET

December 7, 1998

Reference No. 01481/00054

		Fax Recipient(s)		
Name /	Firm	Location	Fax Phone	Office Phone
Mr. Daniel R. Cargill	State of Washington Department of Ecology	Bellevue, WA	(425) 649-7098	(425) 649-7000
Philip M. Roberts, Esq.	Ryan, Swanson & Cleveland, PLLC	Scattle, WA	(206) 583-0359	(206) 654-2236
Mr. D. Michael Dunne			(253) 852-8433	(253) 852-6400
Mr. Timothy M. Baydala		New York City	(212) 621-9567	(212) 621-9570
Mr. Richard Gamba	Citibank	New York City	(212) 793-2091	(212) 559-9031

From

Name:

Michael H. Torkin

Telephone:

(212) 848-4802

Room:

1952

Pages transmitted (including cover sheet): 5

Comments:

SSECTATION STERLING

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Please note the total number of pages to be transmitted. If you do not receive the number indicated, please call the Communications Department at (212) 848-8434.

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## SHEARMAN & STERLING

PAX: 212-848-7179 TELEX: 667290 WUI

599 LEXINGTON AVENUE NEW YORK, N.Y. 10022-6069 212 848-4000

WRITER'S DIRECT NUMBER!

(212) 848-4802

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АНИ ДНАЙІ

номо жомо LONDON

NEW YORK PARIS

SINGAPORE TOKYO TORONTO

WASHINGTON, D.C.

BEIJING

December 7, 1998

#### BY TELEFAX

Mr. Daniel R. Cargill State of Washington Department of Ecology Northwest Regional Office 3190 - 160th Ave S.E. Bellevue, Washington 96008-5452

> Sea-Tac Plaza Federal Way, Washington

Dear Mr. Cargil:

Reference is made to that certain restrictive covenant dated July 24, 1998 and recorded on August 10, 1998, under Recording No. 988101434 in the records of King County, Washington made by Sea-Tac Plaza Corporation ("Owner") pursuant to RCW 7.105D.030(1)(f) and (g) and WAC 173-340-440 (the "Restrictive Covenant").

Pursuant to Section 4 of the Restrictive Covenant, Owner hereby gives Northwest Regional Office of the State of Washington Department of Ecology notice of Owner's intent to convey its entire interest in the above-mentioned property. Owner has made adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial action; first, because none further is needed as evidenced by the letter attached hereto and second, because the purchaser of the property will take the same subject to the provisions of the Restrictive Covenant.

THE TAC CLAIM LINETS OND THAT IN TRADITHATACTARRAN L'ADVAD

Mr. Daniel R. Cargill

2

December 7, 1998

If you should have any questions or comments, please do not hesitate to give me a call.

Sincerely,

Michael H. Torkin

Enclosure

CC: Philip M. Roberts, Esq. (w/encl.)
D. Michael Dunne (w/encl.)
Timothy Baydala (w/encl.)
Richard Gamba (w/encl.)
Chris M. Smith, Esq. (w/o encl.)
Gary P. Curwin, Esq. (w/encl.)

Lynn P. Constentino, Esq. (w/encl.)

Buyer. 13

DGC II LLC Washington Limited Libility Co. 25022 104th Ave. Suite B Kent WA 98031

NYDOCS03/440145 1



#### STATE OF WASHINGTON

#### DEPARTMENT OF ECOLOGY

Northwort Regional Office, 3799 - 160th Ave S.E. • Bellevee, Washington 98008-5452 • (425) 649-7000 October 22, 1998

Mr. Rich J. Gambia
Vice President
Citibank Global Asset Management
Citibank, N.A.
153 East 53rd Street, Scare 5600—
New York, NY 10043

Dear Mr. Gamba:

Re: Independent Remedial Action
Sea-Tac Plaza/Former Y-Pay-Mor Dry Cleaner,
Space A-6, 2210 S. 320th Street, Federal Way, Washington

Thank you for submitting the results of your independent remedial actions for review by the State of Washington Department of Ecology (Ecology). Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCA).

Ecology's Toxics Cleamup Program has reviewed the following information regarding the former Y-Pay-Mor Dry Cleaner facility located at Space A-6, 2210 S. 320th Street, Federal Way:

- 1. Preliminary Remedial Investigation, prepared by RZA AURA, Inc. dated November 1992:
- 2. Remediation System Installation, prepared by RZA ACRA, Inc. dated October 1993;
- 3. Soil Vapor Extraction remediation System, Performance Monitoring Record, prepared by RZA AGRA, Inc. deted February 7, 1994;
- 4. Independent Remedial Action Report, prepared by AGRA Earth & Environmental, Inc. dated December 22, 1994;
- Biannual Sampling of Monitoring Well MW-3 prepared by AGRA Eartl. * Environmental, Inc. dated 20 August 1997;
- 6. Miscellaneous information in the Central Files of the Northwest Regional Cause (NWRO) related to the site.

The reports listed above will be kept in the Central Files of the Northwest Regional Office of Ecology for review by appointment only. Appointments can be made by calling Sally Perkins at the NWRO at (425) 649-7190.

Rich J. Gamba October 22, 1998 Page 2

Based upon the information in the reports listed above, Ecology has determined that, at this time, the release of cis-1,2-dichloroethene, wichloroethane, and tetrachioroethane into the soil and groundwater no longer poses a threat to human bealth or the environment.

Therefore, Ecology is issuing this determination that no further remedial action is necessary at this site under MTCA, chapter 70.105D RCW. However, please note that because your actions were not conducted under a consent decree with Ecology, this lener is written pursuant to RCW 70.105D.030(1)(i) and does not constitute a settlement by the state under RCW 70.105D.040(4) and is not binding on Ecology.

In addition, the Restrictive Covenant filed on your property dated July 24, 1998, is a condition to maintain Ecology's no further action determination. The Restrictive Covenant is attached to this letter as Attachment A. Ecology's no further action determination automatically terminates and will have no force and effect if any portion of the Restrictive Covenant is violated.

Ecology's no further action determination is made only with respect to the release identified in the independent remedial action report dated December 22, 1994. This no further action determination applies only to the area of the property affected by the release identified in the report at , 2210 S. 320th Surect, Federal Way. It does not apply to any other release or potential release at the property, any other areas on the property, nor my other properties owned or operated by SeaTac Plaza Corporation.

Ecology will update its database to reflect this "No Further Action" determination. Your site will not appear in funne publications of the Confirmed & Suspected Contaminated Sites Report (previously known as the Affected Media and Contaminants Report)

The state, Ecology, and its officers and employees are immuse from all liability and no cause of action of any nature may arise from any act or omission in providing this determination.

If you have any questions, please contact me at 425-649-7023 or by e-mail at daea461@ccy.wa_gov:

Sincerely,

Daniel R. Cargill

Toxics Cleamin Program

DC:dc Enclosure

cc: Scon M. Missall, Short Cressman & Burgess

DEC-23-98 14:13 From: RYAN SWANSON CLEVELAND PLLC

# RYAN, SWANSON & CLEVELAND, PLLC

1201 Third Avenue, Suite 3400 Seattle, Washington 98101-3034 Facsimile (206) 583-0359 (34th Flr) Facsimile (206) 621-7568 (33rd Flr) Telephone (206) 464-4224

Date: December 23, 1998

Client/Mtr No.: 10350-7

Number of pages (Including this cover page):

To:		Facsimil	e No.:	Твіёрһоле М	0.1
Dan Cargill, Wash.	State Dept. Ecology	425-649-	7161		
Fram;	<u> </u>				
Philip M. Roberts		'			
The original of this	facsimile transmission	on will be:			
	🗷 retained on file	sent to you	via U.S. Mall	☐ sent to you	via courier

PLEASE NOTIFY US IMMEDIATELY AT (206) 464-4224 IF THIS TRANSMISSION IS NOT RECEIVED PROPERLY.

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MANUAL CONTRACT AND AND ADDRESS OF THE PARTY A

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Short Creamen & Burgase P.L.L.C. After Scott M. Missell 3000 Fine Janesene Cream 999 Third Avenue Scottle, WA 98104-4008

Document Title	Declaration of Flastrictive Coleman
Reservace Number(s) of Belisted Bornments	NVA
Granier	See Top Plaza Corporation
Grasics	Evergroup Plaza, a Planned Unit Daveloption
Legal Description	Spectr A-6, 2210 S. 320th Street, Fateral Way, Westington, located within Let 2, KC-SP No. 1079107, Recording No. 7912260667, being a partial of Tract A. Evergreen Flora, a Plannel Unit Development, Plats Vol. 100, pages 74 and 75
Parcel Newbor(s)	242320-0090-00

#### RESTRICTIVE COVENANT

SEATAC PLAZA CORPORATION
2210 S. 320th Street, Space A-6; Former Y-Pay-Mor Dry Cleanest.

This Declaration of Restrictive Covenant is made pursuant to RCW 70.105D.030(1)(f) and (g) and WAC 173-340-440 by SEATAC PLAZA CORPORATION, its successors and assigns.

An independent remedial action (hereafter "Remedial Action") occurred at the property that is the subject of this Restrictive Covenant. The Remedial Action conducted at the property is described in the following documents:

RESTRICTIVE COVENANT - 1 161908 10 perfo 1917 2000 I

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Preliminary Remedial Investigation, by AGRA Earth and Environmental (formerly RZA AGRA), dated November 1992.

Remodiation System Installation, by AGRA Earth and Environmental (formerly RZA AGRA), dated October 1993.

Soil Vapor Extraction Remediation System, Performance Monitoring Record, by AGRA Earth and Environmental (formerly RZA AGRA), dated February 7, 1994.

Independent Remedial Action Report, by AGRA Earth and Environmental (formerly RZA AGRA), dated December 22, 1994.

These documents are on file at the Northwest Regional Office of the State of Washington Department of Ecology (hereafter "Ecology").

This restrictive Covenant is required because the Remedial Action resulted in residual concentrations of two contaminants which exceed the Model Toxics Control Act (MTCA) cleanup levels in the soil in two specific locations located under the building foundation.

The undersigned, SEATAC PLAZA CORPORATION, is the fee owner of real property (hereafter "Property") in the County of King, State of Washington, that is subject of this Respictive Covenant. The Property is legally described as follows:

That property commonly known as Space A-6, 2210 S. 320th Sweet, Federal Way, Washington, located within Lot 2 as delineated on King County that Plat No. 1079107, recorded under King County Recording No. 7912250667, being a partion of Tract A, Evergreen Plaza, a Planned Unit Development, according to the plat thereof recorded in Volume 100 of Plata, pages 74 and 75, in King County, Washington.

SEATAC PLAZA CORPORATION makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, as provided by law and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereafter "Owner").

Restrictive Covenant -7 1618981/2₈0669(3013,0000) Section 1. A portion of the Property contains soil contaminated with ois-1,2-dichlorouthene and tetrachlorouthane, located under the building foundation at confirmation borings CB-4 and CB-5 as shown on Exhibit A. The Owner shall not alter, modify, or remove the existing attracture(s) in any manner that may result in the release or exposure to the environment of that contaminated soil or create a new exposure pathway without prior written approval from Ecology.

Section 2. Any activity on the Property that may interfere with the integrity of the Remedial Action and continued protection of human health and the environment is prohibited.

Section 3. Any activity on the Property that may result in the release or exposure to the environment of a hazardous substance that remains on the Property as part of the Remodial Action, or create a new exposure pathway, is prohibited without prior written approval from Ecology.

Section 4. The Owner of the Property must give thirty (30) day advance written notice to Ecology of the Owner's intent to convey any interest in the Property. No conveyance of title, casement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial Action.

Section 5. The Owner must restrict leases to uses and activities consistent with the Restrictive Covenant and notify all lessess of the restrictions on the use of the Property.

Section 6. The Owner must notify and obtain approval from Ecology prior to any use of the Property that is inconsistent with the terms of this Restrictive Coverant Ecology may approve any inconsistent use only after public notice and comment.

Section 7. The Owner shall allow authorized representatives of Ecology the right to enter the Property at reasonable times for the purpose of evaluating the Remedial Action; to take samples, to inspect Remedial Actions conducted at the Property, and to inspect records that are related to the Remedial Action.

Section 8. The Owner of the Property reserves the right under WAC 173-340-440 to record an instrument that provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force or effect. However, such an instrument may be recorded only if Ecology, after public notice and opportunity for communit, concurs.

MESTRICTIVE COVENANT - 3 14199: Vignal (130) (100) CORPORATION

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1991.

I certify that I know or have suits fectory evidence that <u>Richard I. Con a bount</u> is the person who appeared before one, and said person acknowledged that he stigned this housement, on each stand that he was authorized to execute this instrument and acknowledged it as the <u>Visa Pouri doo</u>

Of SeaTec Plaza Corporation, a corporation, to be the first and voluntary act of mach party for the uses and

(Use this space for noterial stamp(Hall)

MESTRICTIVE COVENANT - 4 HISORAGE ADDITION

COUNTY OF NEW Y

purposes mandoned in this instrument

D.C. G. LLG was Linki Lakty CCA D.C.G. L

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#### STATE OF WASHINGTON

#### DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (425) 649-7000

December 23, 1998

Lynn P. Constentino, Esq. Shearman & Sterling 599 Lexington Avenue New York, New York 10022

Dear Ms. Constentino:

Re: Sea-Tac Plaza, Federal Way, Washington

I am writing this at the request of Mr. Phillip M. Roberts to acknowledge receipt of Mr. Michael H. Torkin's letter of December 7, 1998, notifying the Washington Department of Ecology (Ecology) of the pending sale of the Sea-Tac Plaza property.

Mr. Roberts has informed me that the involved parties plan to close on December 28, 1998. He also informs me they are concerned that closing on the 28th would constitute a violation of the restrictive covenant's 30-day notice provision, causing the No Further Action letter to terminate. Please be advised that the letter Ecology received by fax on December 7, 1998, satisfies the intent of the notice provision. Transfer of the property as scheduled will not result in termination of the No Further Action determination,

If you have any questions regarding this letter or need further assistance, please don't hesitate to call me at (425) 649-7023.

Sincerely,

Daniel R. Cargill

Toxics Cleanup Program

DC:dc

Phillip M. Roberts, Esq. (via FAX) cc:

New owner is DGC II, LLC
A washington himsted healthy Company
250 22 104 Ho fore Suite B
Kent WA 98031

FAX NUMBERS

(212) 848-7300

#### SHEARMAN & STERLING

599 Lexington Avenue New York, New York 10022

Communications Dept. Telephone: (212) 848-8434

1976 FLOOR

SOGGE OR PAGE OF WICHINGE E STERLING

#### FAX COVER SHEET

December 23, 1998

Reference No. 01481/00054

		FaxeRecipients		
Name	Firm	Location	Fax Phone	Office Phone
Mr. Daniel R. Cargill	State of Washington Department of Ecology	Bellevue, WA	(425) 649-7161	(425) 649-7023

#### From

Name:

Michael H. Torkin

Telephone:

(212) 848-4802

Room:

1952

Pages transmitted (including cover sheet)

Comments:

As per your request, Sea Tac Plaza Corporation is selling Sea Tac Plaza to DCG

II, L.L.C., a Washington limited liability company.

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Please note the total number of pages to be transmitted. If you do not receive the number indicated, please call the Communications Department at (212) 848-8434.



July 7, 2014

# **Notice of Intent to Sell Property**

Via E-mail Only to: dale.myers@ecy.wa.gov

Mr. Dale Myers

Washington Department of Ecology

Ref: Notice of Intent to Sell Property

2210 S. 320th Street Federal Way, WA

Parcel No. 242320-0050-00

Dear Mr. Myers:

I am the listing broker for the subject property. My associate Bob spoke to you this morning and was advised that because of the existence of the attached Restrictive Covenants on title, our Seller would have to give the Department of Ecology 30 days written notice of his intent to sell the property.

Byung Chan Park is the owner of the property, and his signature above mine on this letter is formal 30 day notice that he intends to sell the property to Troy Gessel. Mr. Park has a signed around purchase and sale agreement, and closing is not expected inside of 30 days from today.

You also advised Bob that once the property is sold, another document would have to be sent to you by the buyers, notifying Ecology that they have assumed ownership of the property. We will let the buyers know exactly what they must do later today.





30 Day Notice of Intent to Sell SeaTac Plaza (242320-0050-00) Dale Myers, WA Dept. of Ecology July 7, 2014 Page 2

Please call me should you have any questions at all. Thank you, and God Bless.

"I am the owner of the SeaTac Plaza (parcel number 242320-0050-00), against which the attached Restrictive Covenants are recorded. This letter is my formal 30 day notice that I intend to sell the property within the next 60 days to Troy Gessel. I will advise the Department of Ecology when that sale is consummated, and will comply with any other Department requests necessary to complete the sale."

Signed at Lynnwood, WA this 7th day of July, 2014.

Byung Chan Park

Sincerely

Greg Perry

Office No. 425-744-5314

Cell No. 206-799-9610

Fax No. 425-744-5355

gregoryp@johnlscott.com

John L. Scott Real Estate

19221 - 36th Ave. W., Suite 106

Lynnwood, WA 98036

- Soils at a depth of 5 to 6.5 feet at the location of Boring B-4, as illustrated in Figure 2 of the AGRA Environmental report dated December 22, 1994, contained levels of tetrachlororethene (PCE) at 1.3 parts per million. This area lies under the foundation of the former Y-Pay-Mor Dry Cleaners.
- Soils at a depth of 6.5 to 8 feet at the location of Boring B-5 as shown on Figure 2 of the AGRA Environmental report dated December 22, 1994, contained clevated levels (71 PPM) of Cis-1, 2, Dichloroethene. Boring B-5 is located beneath the foundation of the former Y-Pay-Mor Dry Cleaners.
- As a result of spills at the former Y-Pay-Mor Dry Cleaners, portions of the concrete foundations were removed. A soil vapor extraction system was installed to clean soils and the concrete foundation was replaced.
- Groundwater contamination was identified in a single boring, known as Boring B-12, as shown in the December 22, 1994 AGRA report. This location is also located beneath the former Y-Pay-Mor Dry Cleaning facility.
- As a result of the residual contamination left underneath the concrete foundation, it will be necessary to conduct semiannual sampling of existing monitoring wells over a three year period, commencing on the date of this document.

Sea-Tac Plaza Limited Partnership makes the following declaration as to limitations, restrictions, and uses to which the Site may be put, and specifies that such declarations shall constitute covenants to run with the land, as provided by law, and shall be binding on all parties and all persons claiming under it, including all current and future owners of any portion of or interest in the Site.

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- Any activity on the Site that may interfere with the ongoing monitoring of groundwater wells is prohibited. In addition, no groundwater underlying the Site may be taken for domestic purposes.
- The Owner shall allow authorized representatives of the Department of
  Ecology, or from any successor agency, the right to enter the Site at reasonable times for
  the purpose of evaluating compliance with the monitoring of groundwater wells and the
  remedial action, and to take samples and to inspect records, as provided by law.
- 3. The Owner of the Site and the Owner's assigns and successors in interest, reserve the right under WAC 173-340-720 and WAC 173-340-440 to record an instrument which provides that this restrictive covenant shall no longer limit use of the Site or be of any further force and effect. However, such an instrument may be recorded only with the consent of the Department of Ecology, or of any successor agency. Public notice and comment may be sought by the Department of Ecology or its successor agency, prior to the recording of such an instrument.

DATED this _2/ day of September, 1995.

SEA-TAC PLAZA LIMITED PARTNERSHIP

By: TRI-CENTER ASSOCIATES, a general partner

By: CASETA CORPORATION,

a general pariner

By: ______Printed Name:

Printed Name

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# EXHIBIT A That portion of that certain development situated on Tracts A, B, and C and Lot 1 of Evergreen Plaza, as per Plat recorded in Volume 100 of Plats on page 74, records of King County, situate in County of King, State of Washington formerly known as Y-Pay-Mor Dry Cleaners 9510121424 0033595.02

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Short Cressman & Burgers P.L.L.C. Attn: Scott M. Missall 3000 First Interstate Center 999 Third Avenue Seattle, WA 98104-4008

Document Title	Declaration of Restrictive Covenant		
Reference Number(s) of Related Documents	N/A		
Grantor	SeaTac Plaza Corporation		
Grantee	Evergreen Plaza, a Planned Unit Development		
Legal Description	Space A-6, 2210 S. 320th Street, Federal Way, Washington, located within Lot 2, KCSP No. 1079107, Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planed Unit Development, Plats Vol. 100, pages 74 and 75		
Parcel Number(s)	242320-0050-00		

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#### RESTRICTIVE COVENANT

#### SEATAC PLAZA CORPORATION

2210 S. 320th Street, Space A-6; Former Y-Pay -Mor Dry Cleaners

This Declaration of Restrictive Covenant is made pursuant to RCW 70.105D.030(1)(f) and (g) and WAC 173-340-440 by SEATAC PLAZA CORPORATION, its successors and assigns.

An independent remedial action (hereafter "Remedial Action") occurred at the property that is the subject of this Restrictive Covenant. The Remedial Action conducted at the property is described in the following documents:

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Preliminary Remedial Investigation, by AGRA Earth and Environmental (formerly RZA AGRA), dated November 1992.

Remediation System Installation, by AGRA Earth and Environmental (formerly RZA AGRA), dated October 1993.

Soil Vapor Extraction Remediation System, Performance Monitoring Record, by AGRA Earth and Environmental (formerly RZA AGRA), dated February 7, 1994.

Independent Remedial Action Report, by AGRA Earth and Environmental (formerly RZA AGRA), dated December 22, 1994.

These documents are on file at the Northwest Regional Office of the State of Washington Department of Ecology (hereafter "Ecology").

This restrictive Covenant is required because the Remedial Action resulted in residual concentrations of two contaminants which exceed the Model Toxics Control Act (MTCA) cleanup levels in the soil in two specific locations located under the building foundation.

The undersigned, SEATAC PLAZA CORPORATION, is the fee owner of real property (hereafter "Property") in the County of King, State of Washington, that is subject of this Restrictive Covenant. The Property is legally described as follows:

That property commonly known as Space A-6, 2210 S. 320th Street, Federal Way, Washington, located within Lot 2 as delineated on King County short Plat No. 1079107, recorded under King County Recording No. 7912260667, being a portion of Tract A, Evergreen Plaza, a Planned Unit Development, according to the plat thereof recorded in Volume 100 of Plats, pages 74 and 75, in King County, Washington.

SEATAC PLAZA CORPORATION makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, as provided by law and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereafter "Owner").

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Section 1. A portion of the Property contains soil contaminated with cis-1,2dichloroethene and tetrachloroethane, located under the building foundation at confirmation borings CB-4 and CB-5 as shown on Exhibit A. The Owner shall not alter, modify, or remove the existing structure(s) in any manner that may result in the release or exposure to the environment of that contaminated soil or create a new exposure pathway without prior written approval from Ecology.

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- Section 2. Any activity on the Property that may interfere with the integrity of the Remedial Action and continued protection of human health and the environment is prohibited.
- Section 3. Any activity on the Property that may result in the release or exposure to the environment of a hazardous substance that remains on the Property as part of the Remedial Action, or create a new exposure pathway, is prohibited without prior written approval from Ecology.
- Section 4. The Owner of the Property must give thirty (30) day advance written notice to Ecology of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial Action.
- Section 5. The Owner must restrict leases to uses and activities consistent with the Restrictive Covenant and notify all lessees of the restrictions on the use of the Property.
- Section 6. The Owner must notify and obtain approval from Ecology prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. Ecology may approve any inconsistent use only after public notice and comment.
- Section 7. The Owner shall allow authorized representatives of Ecology the right to enter the Property at reasonable times for the purpose of evaluating the Remedial Action; to take samples, to inspect Remedial Actions conducted at the Property, and to inspect records that are related to the Remedial Action.
- Section 8. The Owner of the Property reserves the right under WAC 173-340-440 to record an instrument that provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force or effect. However, such an instrument may be recorded only if Ecology, after public notice and opportunity for comment, concurs.

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DATED this 24th day of Jy SEATAC PLAZA CORPORATION STATE OF New YORK COUNTY OF NEW YORK I certify that I know or have satisfactory evidence that Rich. 1 J. Gamba is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute this instrument and acknowledged it as the <u>Vice President</u> of SeaTac Plaza Corporation, a corporation, to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument. 24x DATED: Jy Print Name: Private G. ETCLONZ:

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# APPENDIX D REPORT LIMITATIONS AND GUIDELINES FOR USE

# APPENDIX D REPORT LIMITATIONS AND GUIDELINES FOR USE²

This appendix provides information to help you manage your risks with respect to the use of this report. Please confer with GeoEngineers if you need to know more about how these "Report Limitations and Guidelines for Use" apply to your project or property.

#### **Read These Provisions Closely**

It is important to recognize that environmental engineering and geoscience practices (geotechnical engineering, geology and environmental science) are less exact than other engineering and natural science disciplines. GeoEngineers includes these explanatory "limitations" provisions in our reports to help reduce the risk of misunderstandings or unrealistic expectations that lead to disappointments, claims and disputes.

# **Environmental Services Are Performed for Specific Purposes, Persons and Projects**

GeoEngineers has performed this Phase II ESA of the properties at 2200 South 320th Street in Federal Way, Washington, King County Tax Parcels 2423200050, 2423200010 and 2423200060 (all contiguous), identified by Sound Transit as Federal Way parcels FL FL358, FL361 and FL363, in general accordance with the scope and limitations of the subcontract between HDR and GeoEngineers dated August 24, 2012, along with Amendments 1 through 9 and Agreement No. RTA/AE 044-12 between HDR and Sound Transit. This report has been prepared for the exclusive use of Sound Transit and their authorized agents. This report is not intended for use by others, and the information contained herein is not applicable to other properties.

GeoEngineers structures its services to meet the specific needs of its clients. For example, an ESA study conducted for a property owner may not fulfill the needs of a prospective purchaser of the same property. Because each environmental study is unique, each environmental report is unique, prepared solely for the specific client and property. Use of this report is not recommended for any purpose or project other than as expressly stated in this report.

## This Environmental Report is Based on a Unique Set of Project-Specific Factors

This report has been prepared for the 2200 South 320th Street in Federal Way, Washington, King County Tax Parcels 2423200050, 2423200010 and 2423200060 (all contiguous), identified by Sound Transit as Federal Way parcels FL FL358, FL361 and FL363. GeoEngineers considered a

² Developed based on material provided by ASFE, Professional Firms Practicing in the Geosciences; www.asfe.org.

number of unique, project-specific factors when establishing the scope of services for this Project. Unless GeoEngineers specifically indicates otherwise, it is important not to rely on this report if it was:

- 3. not prepared for you,
- 4. not prepared for your Project,
- 5. not prepared for the specific site explored, or
- 6. completed before Project changes were made.

If changes to the Project or property occur after the date of this report, GeoEngineers cannot be responsible for any consequences of such changes in relation to this report unless we have been given the opportunity to review our interpretations and recommendations in the context of such changes. Based on that review, we can provide written modifications or confirmation, as appropriate.

#### **Reliance Conditions for Third Parties**

This report was prepared for the exclusive use of Sound Transit and their authorized agents. No other party may rely on the product of our services unless we agree to such reliance in advance and in writing. Within the limitations of the agreed Project scope, schedule and budget, our services have been executed in accordance with our Agreement with the Client and generally accepted environmental practices in this area at the time this report was prepared.

#### **Understand That Geotechnical Issues Have Not Been Addressed**

Unless geotechnical engineering was specifically included in our scope of service, this report does not provide any geotechnical findings, conclusions, or recommendations, including but not limited to, the suitability of subsurface materials for construction purposes.

# **Do Not Separate Documentation from the Report**

Environmental reports often include supplemental documentation, such as maps, figures and tables. Do not separate such documentation from the report. Further, do not, and do not permit any other party, to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.

# **Environmental Regulations Change and Evolve**

Some substances may be present in the vicinity of the subject property in quantities or under conditions that may have led, or may lead, to contamination of the subject property, but are not included in current local, state or federal regulatory definitions of hazardous substances or do not otherwise present current potential liability. GeoEngineers cannot be responsible if the standards for appropriate inquiry, or regulatory definitions of hazardous substances, change or

if more stringent environmental standards are developed in the future.

# **Uncertainty May Remain Even After This Phase II ESA is Completed**

Performance of a Phase II ESA is intended to reduce uncertainty regarding the potential for contamination in connection with a property, but no ESA can wholly eliminate that uncertainty. Our interpretation of subsurface conditions in this study is based on field observations and chemical analytical data from widely spaced sampling locations. It is always possible that contamination exists in areas that were not explored, sampled or analyzed.

## **Information Provided by Others**

GeoEngineers has relied upon certain data or information provided or compiled by others in the performance of our services. Although we use sources that we reasonably believe to be trustworthy, GeoEngineers cannot warrant or guarantee the accuracy or completeness of information provided or compiled by others.

## **Subsurface Conditions Can Change**

This environmental report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time, by man-made events such as construction on or adjacent to the subject property, by new releases of hazardous substances, new information or technology that become available subsequent to the report date, or by natural events such as floods, earthquakes, slope instability or groundwater fluctuations. Please contact GeoEngineers before applying this report for its intended purpose so that GeoEngineers may evaluate whether changed conditions affect the continued applicability of the report.

#### Soil and Groundwater End Use

The cleanup levels referenced in this report are site- and situation-specific. The cleanup levels may not be applicable for other properties or for other on-site uses of the affected soil and/or groundwater. Note that hazardous substances may be present in some of the on-site soil and/or groundwater at detectable concentrations that are less than the referenced cleanup levels. GeoEngineers should be contacted prior to the export of soil or groundwater from the subject property or reuse of the affected soil or groundwater on-site to evaluate the potential for associated environmental liabilities. GeoEngineers will not assume responsibility for potential environmental liability arising out of the transfer of soil and/or groundwater from the subject property to another location, or the reuse of such soil and/or groundwater on-site in any instances that we did not recommend, know of, or control.

# **Most Environmental Findings Are Professional Opinions**

Our interpretations of subsurface conditions are based on field observations and chemical analytical data from widely spaced sampling locations at the subject property. Site exploration

identifies subsurface conditions only at those points where subsurface tests are conducted and/or samples are taken. GeoEngineers reviewed field and laboratory data and then applied our professional judgment to render an informed opinion about subsurface conditions throughout the property. Actual subsurface conditions may differ significantly from those indicated in this report. Our report, conclusions and interpretations should not be construed as a warranty of the subsurface conditions.

### **Do Not Redraw the Exploration Logs**

Environmental scientists prepare final exploration logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions by others, the logs included in an environmental report should never be redrawn for inclusion in other design documents. Only photographic or electronic reproduction that preserves the entire original exploration log is acceptable, but separating logs from the report can create increase the risk of potential misinterpretation.

#### **Biological Pollutants**

GeoEngineers' Scope of Work specifically excludes the investigation, detection, prevention or assessment of the presence of Biological Pollutants. Accordingly, this report does not include any interpretations, recommendations, findings or conclusions regarding the detecting, assessing, preventing or abating of Biological Pollutants, and no conclusions or inferences should be drawn regarding Biological Pollutants as they may relate to this Project. The term "Biological Pollutants" includes, but is not limited to, molds, fungi, spores, bacteria and viruses, and/or any of their byproducts.

A Client that desires these specialized services is advised to obtain them from a consultant who offers services in this specialized field.