



Underground Storage Tank Removal Site Assessment & Remediation Report

Prepared For:

Allens GTX Truck Stop

3 STAR REAL ESTATE INVESTMENT LLC

18723 East Cataldo Avenue

Spokane Valley, WA 99016

Prepared By:

Able Clean-up Technologies Inc.

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Spokane, WA 99217

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Facility Site ID (FSID): 63511172

Cleanup Site ID (CSID): 7275

Former VCP project number: EA0075

Date: 1/20/2021

Prepared By: Kipp E. Silver

ACT Job Number: 20305 & 20402

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1.0.0 Property Information

Owner:	3 Star Real Estate Investment LLC
Facility Name:	Allens GTX Truck Stop Inc
Facility Address:	18723 E. Cataldo Ave. Spokane Valley, WA 99016
USTID:	97570
Owner Mailing Address:	1301 S. Havana Street Spokane, WA 99202
Owner Telephone Number:	(509) 294-3942
Township & Range of Property:	NW ¼ NW ¼ Sec.17 T25N R45E

Directions for locating the property from the nearest major road: In Spokane Valley, off Interstate 90 turn onto Barker Road heading north, the facility is on the northeast corner of Barker and Cataldo Ave.



Figure 1: General Site Location Map

1.1.0 General Scope of Work

This document describes the requirements and information needed for a proper site assessment by Able Clean-up Technologies Inc. (ACT) pertaining to the underground storage tanks (USTs) cleaning and removals for Allens GTX Truck Stop, for Top Tier Petroleum, 3 Star Real Estate Investment LLC., and the Washington Department of Ecology (DOE) beginning on October 27th, 2020.

This document provides information that pertains only to the work described in the investigation and removal of three (3) USTs at 18724 East Cataldo Avenue, Spokane Valley, WA 99016. The USTs are described as one (1) twelve thousand (12,000) gallon unleaded gasoline tank, one (1) twelve thousand (12,000) gallon diesel tank and one (1) ten thousand (10,000) gallon gasoline tank. The tanks were located centrally within the property. The property consisted of four (4) dispenser islands and one (1) satellite diesel dispenser. There was a convenience store and restaurant located to the northwest of the USTs, and the canopy and dispenser islands were located to the southwest of the USTs. The dispensers, dispenser islands, building and canopy were removed by ACT. Samples were collected by an ICC Certified Site Assessor and tank cleaning/removal was overseen by an ICC Certified UST Decommissioner.

A total of thirty-seven (37) soil samples were collected for chemical analysis. Twenty (20) samples were collected after the USTs were removed and seventeen (17) confirmation samples were collected after the removal of contaminated soils from an old release. The twenty (20) samples were collected from the excavation at the former location of the USTs, under the dispenser islands, beneath the piping, and from the stockpile. The seventeen (17) confirmation soil samples were collected after the removal of contaminated soil from underneath the former location of the dispensers and between the USTs. After collection, samples were immediately placed in a cooler with ice to begin the cooling process. The samples were transported by chain of custody to Eurofins TestAmerica laboratory in Spokane, WA which is a Washington State certified laboratory.

2.0.0 Scope of Work

2.1.1 Pumping and Disposal of Tank and Piping contents

The USTs did not require pumping of free liquid. Approximately thirty-five (35) gallons of diesel sludge was removed from the diesel UST. Diesel sludge is a non-hazardous waste and was taken to a Subtitle D disposal facility. Approximately twenty-five (25) gallons of gasoline sludge was removed from the gasoline USTs. Gasoline sludge is a hazardous waste and was transported off-site by ACT under hazardous waste manifest and was disposed of at the Waste Management hazardous waste facility in Arlington, OR.

2.1.2 Purging and Inerting

The following is a description of the procedure for inerting/purging USTs by ACT. The tank can be made “safe” either by purging or inerting the potentially explosive atmosphere in the tank. These two methods control different points of the fire triangle. ACT used the purging method and the appropriate monitoring equipment for the UST work detailed in the following paragraphs.

Purging the tank replaces or dilutes the flammable vapors within the tank with air, reducing the flammable mixture of fuel and oxygen by dealing with the *fuel* point of the triangle. Gasoline petroleum products have a flammable of 1-10% by volume in air. This range defines the amount of fuel vapor necessary to become flammable in the presence of oxygen and an ignition source. Below the fuel vapor level of 1%, the lower explosive limit (LEL), mixture of fuel and oxygen is too lean to support combustion (above 10%, the

mixture is too rich). The LEL is expressed as the percent of product vapor by volume in air. The goal of purging a tank is to reduce flammable vapors in the tank well below the lower explosive limit.

It is important to note that the concentration of flammable vapors may start within the flammable range or start above the flammable range and move down through the flammable range before a safe atmosphere is attained, and as such all sources of ignition must be removed and all equipment must be properly bonded or grounded before the process can be started.

After the tank is emptied of product, the concentration of flammable vapors in the tank can be reduced or eliminated by purging the tank with air. First, a drop tube is placed into the tank. This is to ensure that the heavier than air petroleum vapors that may be present at the bottom of the tank are agitated sufficiently to be moved out of the tank. At the top of the drop tube, an Allegro Industries Venturi Blower driven by compressed air is attached. The attachment sends small volumes of high velocity air through the casting and out nozzle jets creating a pulling action that creates large volumes of air through the Venturi blower and the drop tube. All attachments are properly bonded to prevent the generation and discharge of static electricity.

Exhaust fumes from purging were vented at a minimum height of 12 feet above grade and 3 feet above any adjacent roof lines. The atmosphere at ground level was tested periodically while purging is in progress to be sure the vapors are being vented effectively into the upper atmosphere and are not collecting at ground level.

Purging the tanks is not permanent, product trapped in the bottom sludge and/or wall scale can regenerate flammable vapors within the tank. ACT monitors the concentration of flammable vapors within and around the tank frequently with a BW Technologies GasAlertMax XT II four-gas detector.

The four-gas detector measures the percentage of the lower explosive limit (%LEL) of vapors present in the atmosphere. The meter reads from 0% to 100% of the LEL. As mentioned before, the LEL depends on the products flammable range, or the mixture of product and oxygen necessary to produce fire or explosives in the presence of an ignition source.

ACT's goal when purging an underground storage tank is to reduce the concentration of flammable vapors to zero, or as close to zero as possible. Attaining the lowest reading possible gives a margin of safety in the time it will take for flammable vapors to regenerate from product trapped in the sludge and the walls of the tank. After the tank has been purged for an extended period of time, ACT tests the tank vapor space by placing the four-gas probe into the fill opening with the drop tube removed. Readings are taken at the bottom, middle, and upper levels of the tanks.

2.1.3 Removal and Tank Cleaning

After ensuring that there was no free product (liquid diesel or gasoline) present in the tanks, ACT purged the tanks of any potentially explosive atmosphere. ACT measured the LEL of the tanks to check the safety of the UST atmosphere. Once the LEL goals were met, an entryway was created in the top of the tanks using only non-sparking tools. The tank atmosphere was then monitored for oxygen content; oxygen within the tank must be at least 19.5 percent but not more than 22 percent for personnel to safely enter the confined space. Personnel donning proper PPE then entered the tank to begin the cleaning process. Constant air monitoring was performed while personnel completed all tasks within the tank. Once personnel had exited the confined space, air monitoring and all other documentation required by the Confined Space Entry Permit Report was completed and turned in to the Site Project Manager.

2.1.4 Tank Inspection, Transport, and Disposal

All regulations pertaining to tank inspections were strictly adhered to during and after removal. The tank structures were inspected for metal decomposition and penetrations, and none were found. The piping was inspected and did not show any decomposition or penetrations. All findings were documented in field notes and photographs by competent and experienced personnel. ACT removed and transported the tanks to a steel recycler.

2.1.5 Excavation

The USTs were covered with approximately two and a half (2.5) feet of gravel and two inches of asphalt. ACT cut the asphalt and removed it with an excavator and then excavated to the top of the tanks to cut and clean them. After the tanks were clean, ACT excavated soil around the tanks on all sides in order to remove them with the excavator and send them for recycle. ACT excavated to expose the piping to the fuel canopy, and once the fuel canopy, dispenser islands, cement pad, and canopy footings had been removed, ACT excavated the remaining contaminated soil at the site.

2.1.6 Field Investigations and Contaminated Soil

Field investigations were conducted in accordance with the details listed in Section 3, sampling and Analysis Plan and Section 4, Sampling/Analysis Quality Control and Quality Assurance Plan, to determine if soil contamination existed. Head Space analysis using the PID did not indicate possible contamination in the soil being present, however, there is an existing restrictive covenant in place on the property. The covenant was placed by the DOE for diesel-range petroleum hydrocarbon contaminated soil. Remedial action did occur in 2005 that removed a majority of the contamination, however due to the location of the canopy footings and existing tanks, residual contamination did remain in place. According to the Department of Ecology Second Periodic Review of the site in February 2016 three residual zones remained beneath the diesel pump islands, around the canopy footings, and in bed of the tank nest. ACT excavated the remaining contaminated soils from the site and collected confirmation samples, a total of 560.90 tons was removed from the site.

The following table is derived from Chapter 173-340 WAC, Table 740-1, Method A Soil Cleanup Levels for Unrestricted Land Uses.

Contaminate of Concern		Method A Cleanup Level (mg/Kg)
Benzene		0.03
Toluene		7
Ethylbenzene		6
Xylenes		9
Gasoline Range Organics	Gasoline mixtures without Benzene and the total of ethylbenzene, toluene, and xylene are less than 1% of the gasoline mixture	100
	All other gasoline mixtures	30
Diesel Range Organics		2,000

Samples were collected from excavated soils in areas with the highest probability for contamination.

Head space of the excavated soil was screened in the field with the PID; the PID is responsive to most organic gases and vapors with particular sensitivity to volatile hydrocarbons. The screening was performed to estimate if the excavation or stockpiled materials were impacted by contaminants.

Results from the head space screening were utilized to evaluate if any contamination was present. Head space samples are considered unsatisfactory when a reaction level of 5 ppm or greater is detected; results indicated that the excavated soils were not with acceptable limits. Laboratory samples were then extracted and placed into a cooler, then transported under COC to the laboratory for chemical analysis.

2.2.0 Head Space and Analytical Results

The field analysis Head Space results and analytical sampling results will be detailed for each sample as well as a sample location. Refer to Site Detail Map for sample locations. The instruments used and sampling procedure are explained in previous sections. Analytical sample results were reported by Eurofins TestAmerica.

TABLE 1: SOIL SAMPLE HEAD SPACE & ANALYTICAL RESULTS FOR SAMPLES COLLECTED AT THE TIME OF UST SYSTEM REMOVAL														
Sample ID	Depth (ft)	Sample Location	Head Space (ppm)	Date Collected	Time Collected (24 hr.)	Analyte (mg/kg)								
						Benzene 8260D	Ethylbenzene 8260D	m,p-Xylene 8260D	o-Xylene 8260D	Toluene 8260D	Xylenes, Total 8260D	Gasoline NWTPH-Gx	DRO NWTPH-Dx	RRO NWTPH-Dx
GTX-SAD-1	11	Diesel UST floor	0.0	10/27/20	11:05	<0.021	<0.11	<0.43	<0.21	<0.11	<0.64	-	<10	<25
GTX-SASP-2	1	Stockpile	0.1	10/27/20	12:15	<0.023	<0.11	<0.45	<0.23	<0.11	<0.68	<5.7	-	-
GTX-SAG-3	11	North gas UST	0.0	10/27/20	13:45	<0.018	<0.092	<0.37	<0.18	<0.092	<0.55	<4.6	-	-
GTX-SAD-4	9	North sidewall	0.2	10/27/20	13:55	<0.019	<0.096	<0.38	<0.19	<0.096	<0.57	-	<11	<27
GTX-SAD-5	9	East sidewall of diesel UST	2.3	10/27/20	14:30	<0.19	<0.096	<0.38	<0.19	<0.096	<0.58	-	<10	<26
GTX-SAG-6	9	West sidewall of north gas UST	0.2	10/27/20	14:55	<0.021	<0.11	<0.43	<0.21	<0.11	<0.64	<5.3	-	-
GTX-SASP-7	1	Stockpile	0.0	10/27/20	15:10	<0.022	<0.11	<0.44	<0.22	<0.11	<0.67	<5.6	-	-
GTX-SAG-8	11	South gas UST	0.6	10/28/20	11:40	<0.019	<0.096	<0.38	<0.19	<0.096	<0.58	<4.8	-	-
GTX-SAG-9	9	East sidewall of south gas UST	0.0	10/28/20	12:01	<0.021	<0.10	<0.41	<0.21	<0.10	<0.62	<5.1	-	-
GTX-SAG-10	5	West sidewall piping	0.4	10/28/20	12:15	<0.020	<0.099	<0.39	<0.20	<0.099	<0.59	<4.9	-	-
GTX-SAG-11	9	West sidewall of south gas UST	0.2	10/28/20	12:40	<0.022	<0.11	<0.45	<0.22	<0.11	<0.67	<5.6	-	-
GTX-SASP-12	1	Stockpile	0.8	10/28/20	12:50	<0.022	<0.11	<0.44	<0.22	<0.11	<0.66	<5.5	-	-
GTX-SASP-13	1	Stockpile	0.3	10/28/20	13:05	<0.019	<0.097	<0.39	<0.19	<0.097	<0.58	<4.8	-	-
GTX-SASP-14	1	Stockpile	0.0	10/28/20	13:20	<0.024	<0.12	<0.49	<0.24	<0.12	<0.73	-	<10	<25
GTX-SAP-15	4	Piping near first island	0.0	10/29/20	11:10	<0.018	<0.091	<0.36	<0.18	<0.091	<0.55	<4.5	<11	<27
GTX-SADI-16	8	First island	1.3	10/29/20	11:50	<0.020	<0.099	<0.39	<0.20	<0.099	<0.59	<4.9	<10	<25
GTX-SADI-17	8	Second island	0.0	10/29/20	12:20	<0.020	<0.10	<0.41	<0.20	<0.10	<0.61	<5.1	-	-
GTX-SADI-18	8	Third island	0.6	10/29/20	12:55	<0.022	<0.11	<0.45	<0.22	<0.11	<0.67	<5.6	-	-
GTX-SADI-19	4	Fourth island	0.9	10/29/20	13:30	<0.019	<0.093	<0.37	<0.19	<0.093	<0.56	-	<9.9	<25
GTX-SAD-20	8	Diesel satellite island	1.0	10/29/20	13:59	<0.019	<0.097	<0.39	<0.19	<0.097	<0.58	<4.9	1500	35
MTCA METHOD A CLEANUP LEVEL						0.03	6.0	9.0	9.0	7.0	9.0	30	2,000	

Table 1: Bold Values indicate results greater than MTCA Method A Cleanup Level; mg/kg = milligram per kilogram; ft = foot; ppm = parts per million; hr. = hour; < = less than laboratory reporting limit (RL); - = Not analyzed

TABLE 2: SOIL SAMPLE HEAD SPACE & ANALYTICAL RESULTS FOR SAMPLES COLLECTED AT THE TIME OF SOIL REMEDIATION														
Sample ID	Depth (ft)	Sample Location	Head Space (ppm)	Date Collected	Time Collected (24 hr.)	Analyte (mg/kg)								
						Benzene 8260D	Ethylbenzene 8260D	m,p-Xylene 8260D	o-Xylene 8260D	Toluene 8260D	Xylenes, Total 8260D	Gasoline NWTPH-Gx	DRO NWTPH-Dx	RRO NWTPH-Dx
GTX-SA-21	15	Under scale	0.0	11/5/20	9:50	<0.022	<0.11	<0.44	<0.22	<0.11	<0.66	-	<10	<25
GTX-SA-22	17	North sidewall of fourth island	0.0	11/5/20	10:30	<0.020	<0.10	<0.40	<0.20	<0.10	<0.60	-	180	<27
GTX-SA-23	20	Fourth island	0.0	11/5/20	10:50	<0.021	<0.11	<0.43	<0.21	<0.11	<0.64	<5.4	<10	<26
GTX-SA-24	19	East sidewall of fourth island	0.0	11/5/20	10:55	<0.021	<0.11	<0.43	<0.21	<0.11	<0.64	-	<10	<36
GTX-SA-25	19	Southwest sidewall of fourth island	0.0	11/5/20	11:05	<0.021	<0.10	<0.41	<0.21	<0.10	<0.62	-	<10	<25
GTX-SA-26	15	East sidewall of second island	0.0	11/5/20	11:45	<0.019	<0.095	<0.38	<0.19	<0.095	<0.57	-	<10	<26
GTX-SA-27	20	Second island	2.7	11/5/20	13:15	<0.020	<0.10	<0.40	<0.20	<0.10	<0.61	<5.1	<10	<25
GTX-SA-28	19	Southwest sidewall of second island	0.0	11/5/20	13:40	<0.021	<0.11	<0.43	<0.21	<0.11	<0.64	-	<10	<26
GTX-SA-29	24	North sidewall of second island	1.2	11/5/20	15:00	<0.020	<0.10	<0.41	<0.20	<0.10	<0.61	-	11	<25
GTX-SA-30	15	North sidewall of first island	0.0	11/5/20	15:37	<0.020	<0.10	<0.40	<0.20	<0.10	<0.60	-	<10	<26
GTX-SA-31	10	North sidewall of UST excavation	0.0	11/6/20	12:00	<0.019	<0.094	<0.38	<0.19	<0.094	<0.56	<4.7	11	<26
GTX-SA-32	15	East sidewall of first island	0.0	11/9/20	9:30	<0.021	<0.10	<0.42	<0.21	<0.10	<0.63	-	<10	<26
GTX-SA-33	24	First dispenser	0.5	11/9/20	9:55	<0.022	<0.11	<0.44	<0.22	<0.11	<0.66	<5.5	<10	<25
GTX-SA-34	18	West sidewall of first island	0.0	11/9/20	10:15	<0.021	<0.11	<0.42	<0.21	<0.11	<0.63	-	<10	<26
GTX-SA-35	33	Bottom of UST excavation between gas and diesel USTs	137	11/9/20	15:15	<0.021	<0.10	<0.41	<0.21	<0.10	<0.62	160	3200	<260
GTX-SA-36	27	Bottom of UST excavation between gas USTs	1.5	11/9/20	16:15	<0.021	<0.11	<0.42	<0.21	<0.11	<0.63	<5.3	<10	<25
GTX-SA-37	44	Bottom of UST excavation between gas and diesel USTs	1.9	1/4/21	10:42	<0.20	<0.10	<0.41	<0.20	<0.10	<0.61	<5.1	24	<25
MTCA METHOD A CLEANUP LEVEL						0.03	6.0	9.0	9.0	7.0	9.0	30	2,000	

Table 2: Bold Values indicate results greater than MTCA Method A Cleanup Level; mg/kg = milligram per kilogram; ft = foot; ppm = parts per million; hr. = hour; < = less than laboratory reporting limit (RL); - = Not analyzed

2.3.0 Excavation Closure

All site contacts were notified of open excavations and security measures such as chain-link fence was employed to ensure site security. Excavation security was maintained until the excavation was brought back up to surface levels with compacted structural fill materials by ACT.

2.4.0 Site History

The tank tag number is A3323, the Facility/Site ID is 63511172, and the UST ID is 97570. The following information has been taken from the Department of Ecology Second Periodic Review dated February 2016. The property was first developed by Texaco in 1971 as a service station, additions to the original steel frame building were constructed in 1980 and 1985. The current tank bed was constructed in 1988 and contained two (2) twelve thousand (12,000) gallon single wall steel tanks and one (1) ten thousand (10,000) gallon single wall steel tank. The tanks originally stored diesel but one of the twelve thousand (12,000) gallon USTs and the ten thousand (10,000) gallon UST were upgraded to store unleaded gasoline in the 2000s. Between December 2000 and March of 2001, the diesel pump island area was renovated to add new dispenser islands, spill control such as containment sumps, new piping connections, and a new concrete pad with storm water and spill containment. It was during this renovation that diesel contamination was found in the underlying soils. Remediation activities in December of 2000 and January 2001 excavated obvious contamination but did not remove soils that would compromise the canopy footing. Additional site characterization was completed in October 2001 using soil borings and sampling to define the extent of the contamination. Approximately 1,263 tons of diesel impacted soil was removed from the site and disposed at Graham Road Landfill in Medical Lake, Washington and the excavations were backfilled with pea gravel. Sampling from soil boring indicated that residual soil remained beneath islands 1,2 and 4 between 12 and 15 feet below ground surface and around the canopy footing, and in the bed between tanks No. 2 and No. 3 in the tank nest.

In October 2020, ACT demolished the building and cleaned and removed the USTs and associated piping and UST system structures and demolished the canopy once the dispensers were disconnected and removed. After the canopy was demolished and the debris was disposed at Graham Road Landfill, ACT then removed the cement pad, dispenser islands, and the canopy footings. Once all of the structures were removed, ACT then excavated to depth to remove the diesel contaminated soil from the canopy area and the former tank nest bed.

2.4.1 Geographic Setting

The study area is located in The site is located in Spokane Valley, Spokane County, Washington, near the Barker Road interchange of Interstate 90. Barker Road is located to the west of the site and Interstate 90 and the Barker Road Interchange and overpass is located to the south. East Cataldo Avenue intersects Barker Road to the north of the site. The area is zoned commercial (B-3) and is surrounded by mixed residential and commercial properties. For a description of the consolidated (bedrock) material not exposed at the site please refer to the appropriate geologic map. For a description of the general area unconsolidated material, please refer to the appropriate geologic map. The general topography around the site is flat.

2.4.2 Site Geology

In the tank excavation, soils consisted of tan sand (SP) with abundant rounded cobbles and some rounded boulders. This is typical of glaciofluvial deposits of gravel and sand in the region. The excavation contained the above-mentioned geology throughout.

All terminology for the site soil characterization is consistent with the Unified Soil Classification System.

2.4.3 Hydrogeological Setting

Water was not present at the tank removal site. The water table ranges from forty-two (42) to one hundred and fourteen (114) feet static water level according to water well data from the area (within approximately a one-mile radius). The flow rate of water produced from these wells averaged about two hundred (200) gallons per minute. Wells in the area are being used for drinking water as well as observation purposes. Consolidated Irrigation District No. 19 supplies water to the site.

The site is located within the within the Spokane Valley-Rathdrum Prairie Aquifer system and part of the Spokane River Watershed. The aquifer is recharged mainly by percolation of precipitation (rain) as well as snow melt, percolation of irrigation water, and percolation at times from rivers. Discharge of water from the aquifer occurs by withdrawal from wells and discharge into rivers. The general direction of groundwater flow is west. The Spokane River is 0.75 mile to the north from the site.

2.5.0 Land Use Data

The property is bordered by commercial properties. The following describes the direction with the associated land use.

North: East Boone Ave – Residential

South: East Cataldo Ave – Commercial

East: Commercial

West: East Cataldo Ave – Freeway Interchange

2.5.1 Leak Detection Systems

The tanks had impressed current corrosion protection and a pressurized pumping system. The release detection for the tanks was Automatic Tank Gauging, Automatic Line Leak Detector (ALLD) and were Part of Automatic Tank Gauging (ATG) System with Annual Line Tightness Tests (LTT) . Spill prevention existed in the form of spill bucket/spill box and automatic shutoff (fill pipe) for overfill protection.

2.6.0 Conclusions

Analytical results from the soil samples beneath the tanks, around the tanks and piping, and stockpile showed that contaminants of concern were non-detect at the laboratory reporting limit which is below the MTCA Method A cleanup levels. All other analytical results showed that contaminants of concern did not exist at concentrations at or above cleanup levels. The contaminated soil beneath the USTs, fuel canopy, and truck scale were excavated and a total of 560.90 tons of contaminated soil was taken to Graham Road

Landfill in Medical Lake, Washington. Confirmation samples showed that the contamination was removed from this area. This is according to MTCA Cleanup Regulations Chapter 173-340 WAC, Table 740-1 Method A soil Cleanup Levels for Unrestricted Land Uses, November 2013.

This conclusion is based on visual and analytical parameters along with support documentation. Able Clean-up Technologies Inc. recommends that no further action is needed at this site.

This report and sample analysis have been prepared on behalf of, and for, the exclusive use of Top Tier Petroleum, 3 Star Reality Investment, LLC., and the Washington State Department of Ecology for their environmental evaluation of the site. This report and the findings herein shall not, in whole or in part, be disseminated or conveyed to any other party without the prior written consent of Able Clean-up Technologies Inc. This report has been prepared in accordance with generally accepted land use assessment practices. No other warranty, expressed or implied, is made.

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2.7.0 References

Hsieh, P.A., Barber, M.E., Connor, B.A., Hossain, Md. A., Johnson, G.S., Jones, J.L., and Wylie, A.H., 2007, Ground-water flow model for the Spokane Valley-Rathdrum Prairie Aquifer, Spokane County, Washington, and Bonner and Kootenai Counties, Idaho: U.S. Geological Survey Scientific Investigations Report 2007-5044, 78 p

Regulated USTs, Active & Inactive Facilities, Washington State Department of Ecology, apps.ecology.wa.gov/cleanupsearch/reports/ust?FacilitySiteId=63511172.

“Second Periodic Review.” Washington State Department of Ecology - Eastern Region Office Toxics Cleanup Program, Feb. 2016.

Site Information, Washington State Department of Ecology, apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=7275.

3.0.0 Sampling and Analysis Plan

3.1.0 General

The sampling and analysis plan will comply with applicable State, Federal and local regulations. The sampling procedures conform to Environmental Regulation 1110-1-263 and USACE Memorandum "Sample Handling Protocol for low, medium, and high Concentration Samples of Hazardous Wastes" October 1986, and EPA requirements and guidelines and with ICC sampling standard practice.

3.2.0 Field Screening Techniques

During contaminated soil investigations, samples will be taken for headspace analysis to determine if soil contamination is present. These samples will be analyzed in the field utilizing the following procedure:

1. Select a clean, sealable plastic airtight baggy.
2. Fill the baggy 1/3 full of a discrete soil sample.
3. Immediately seal the baggy to prevent volatile components from escaping.
4. Place the soil sample in warm to hot environment for 5-10 minutes (vehicle heater or sun rays). This allows the volatile components to become vapors and collect in the space above the soil. Very moist soils shall be allowed to sit in the sun for 10-15 minutes.
5. Prior to using the instrument, perform a bump test using a felt pen cap over the end of the sensor probe. This will create an artificial sensor reading.
6. Remove the sample container from the warm/hot environment and insert the instrument probe through the plastic for vapor analysis. This must be accomplished within thirty seconds to prevent the sample from cooling and creating a vacuum in the sample container.
7. Record the instrument response, sample number, sample location, and time in the sample was collected in the Field Log.
8. Allow enough time for the instrument to clear prior to analysis of further samples.

3.3.0 Field Instrumentation

Photo Ionization Detector

Able Clean-up Technologies uses the handheld VOC monitor MiniRAE 3000 for field screening of petroleum products and volatile organic compounds.

Alarm Signals

During each measurement period, the gas concentration is compared with the programmed alarm limits; if the concentration exceeds any of the preset limits, the loud buzzer and red flashing LED are activated immediately to warn you of the alarm condition.

In addition, the instrument alarms if one of the following conditions occurs: battery voltage falls below preset voltage level, failure of the UV lamp, or pump stall.

The instrument is factory calibrated with standard calibration gas and is programmed with default alarm limits.

Integrated Sampling Pump

The instrument includes an integrated sampling pump, this diaphragm-type pump that provides a 450 to 550 cc per minute flow rate. Connecting a Teflon or metal tubing with 1/8" inside diameter to the gas inlet port of the instrument, this pump can pull in air samples from 100' (30 m) away horizontally or vertically.

If liquid or other objects are pulled into the inlet port filter, the instrument detects the obstruction and immediately shuts down the pump. The alarm is activated, and a flashing pump icon is displayed. The user needs to acknowledge the pump shutoff condition by clearing the obstruction and pressing the [Y/+] key while in the main reading display to restart the pump.

3.3.1 Calibration of Testing Equipment

Entering Calibration:

1. Press and hold [MODE] and the [N/-] until the Password screen is visible.
2. In Basic User Level, the user does not need a password to perform calibrations. Instead of inputting a password, enter calibration by pressing [MODE].

The calibration screen is now visible with Zero Calibration highlighted. The following options are available:

- Press [Y/+] to select the highlighted calibrations (Zero Calib or Span Calib).
- Press [MODE] to exit calibration and return to main display and resume measurement.
- Press [N/-] to toggle the highlighted calibration type.

Zero (Fresh Air) Calibration

This procedure determines the zero point of the sensor calibration curve. To perform a fresh air calibration, use the calibration adapter to connect the instrument to a "fresh" air source such as from a cylinder or Tedlar bag. The "fresh" air is clean, dry air without organic impurities and an oxygen level of 20.9%. If such an air cylinder is not available, any clean ambient air without detectable contaminants or a charcoal filter can be used.

At the Zero Calibration menu, the user can proceed to perform a Zero calibration or bypass Zero calibration and perform a Span calibration.

Once Zero calibration mode has been entered, the screen will prompt the user to apply zero gas.

1. Turn on Zero calibration gas.
2. Press [Y/+] to start calibration.
3. Zero calibration starts a 30-second countdown and displays:

"Zeroing..."

During zeroing process, the instrument performs the Zero calibration automatically and does not require any user action. When Zero calibration is complete, "Zeroing is done! Reading 0.0 ppm" message is displayed. The instrument will then show the Calibration menu on the display, with Span Calib highlighted.

Span Calibration

This procedure determines the second point of the sensor calibration curve for the sensor. A cylinder of a standard reference gas (span gas) fitted with a 500 cc/min flow-limiting regulator or a flow-matching regulator is the simplest way to perform this procedure. Choose the 500 cc/min regulator only if the flow rate matches or slightly exceeds the flow rate of the instrument pump. Alternatively, the span gas can first be filled into a Tedlar bag or delivered through a demand-flow regulator. Connect the calibration adapter to the inlet port of the instrument and connect the tubing to the regulator or Tedlar bag.

Another alternative is to use a regulator with greater than 500 cc/min flow but allow the excess flow to escape through a T or an open tube. In the latter method, the span gas flows out through an open tube slightly wider than the probe, and the probe is inserted into the calibration tube.

At the Span Calibration menu, the user performs a Span Calibration.

- Press [Y/+] to enter Span calibration.
- Press [N/-] to skip Span calibration and return to Zero calibration.
- Press [MODE] to exit Span calibration and return to the top calibration menu.

Once Span calibration has been entered, the user will see the name of the Span gas and the span value in parts per million (ppm). The message shown will prompt the user.

1. Turn on the span calibration gas.
2. Press [Y/-] to initiate calibration.
3. Zero calibration starts a 30-second countdown and displays this message:

“Calibrating...”

During the Span calibration process, there is a 30-second count down and the instrument performs the Span calibration automatically. It requires no user action. When Span calibration is complete, a message like this will display (the value is an example only):

“Span 1 is done! Reading 100.0 ppm”

The instrument then exits Span calibration and shows the Zero calibration menu on its display.

Exiting Two Point Calibration in Basic User Level

When the user is done performing calibrations, press [MODE] which corresponds with “Back” on the display. The following message will display:

“Updating Settings...”

The instrument updates its settings and then returns to the main display. It begins or resumes monitoring.

Three-Point Calibration

For enhanced accuracy, it is possible to perform a second Span calibration in addition to the Zero and Span calibrations outlined in the previous section. The instrument must first be set to allow this third calibration. This requires using ProRAE Studio software and a PC, as well as a higher concentration of calibration gas.

Perform the Zero and Span calibrations. After the first Span calibration (Span 1) is completed, a second calibration (Span 2) can be performed. The process is identical to the first calibration.

Span 2 Calibration

A cylinder of standard reference gas (span gas) fitted with a 500 cc/min flow-limiting regulator or a flow-matching regulator is the simplest way to perform this procedure.

Choose the 500 cc/min regulator only if the flow rate matches or slightly exceeds the flow rate of the instrument pump. Alternatively, the span gas can first be filled into a Tedlar bag or delivered through a demand-flow regulator. Connect the calibration adapter to the inlet port of the instrument and connect the tubing to the regulator or Tedlar bag.

Another alternative is to use a regulator with a >500 cc/min flow but allow the excess flow to escape through a T or an open tube. In the latter method, the span gas flows out through an open tube slightly wider than the probe, and the probe is inserted into the calibration tube.

At the Span Calibration menu, the user can perform a Span Calibration.

- Press [Y/+] to enter Span 2 calibration
- Press [N/-] to skip Span calibration and return to Zero calibration.
- Press [MODE] to exit Span calibration and return to the top menu.

If the user has pressed [Y/+] to enter Span calibration, then the user will see the name of the Span gas (the default is isobutylene) and the span values in parts per million (ppm). A message prompt will display:

“Please apply gas...”

4. Turn on the span calibration gas.
5. Press [Y/+] to initiate calibration
6. Span calibration starts a 60-second countdown and displays this message:

“Calibrating...”

During the Span calibration process the instrument performs the Span calibration automatically and does not require any user action. When Span calibration is complete, the user will see a message like this (the value shown here is for example only):

Span 2 is done!

Reading = 1000 ppm

The instrument then exits Span calibration and shows the Zero calibration on its display.

3.4.0 Soil Sample Collection Method

The procedures outlined here are summarized from *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846, Method 5035*.

3.4.1 Soil Sample for Volatile Organic (VOC's) Analysis

If samples are to be analyzed for volatile organic compounds, they should be collected in a manner that minimizes disturbance of the sample. For example, when sampling with an auger bucket, the sample for VOC analysis should be collected directly from the auger bucket (preferred) or from minimally disturbed material immediately after an auger bucket is emptied into the pan. The sample shall be containerized by filling a \approx Sampler or other Method 5035 compatible container. *Samples for VOC analysis are not homogenized.* Preservatives may be required for some samples with certain variations of Method 5035. Consult the method or the principal analytical chemist to determine if preservatives are necessary.

3.4.2 Soil Sampling (Method 5035)

The following sampling protocol is recommended for site investigators assessing the extent of volatile organic compounds (VOCs) in soils at a project site. Because of the considerable number of options available, careful coordination between field and laboratory personnel is needed. The specific sampling containers and sampling tools required will depend upon the detection levels and intended data use. Once this information has been established, selection of the appropriate sampling procedure and preservation method best applicable to the investigation can be made.

3.4.2.1 Sampling Methodology – High Concentrations (>200 $\mu\text{g/Kg}$)

Based upon the data quality objectives and the detection level requirements, this high-level method may also be used. Specifically, the sample may be packed into a single 2-oz. glass container with a screw cap and septum seal. The sample container must be filled quickly and completely to eliminate headspace.

3.4.2.2 Special Techniques and Considerations for Method 5035

Effervescence

If low concentration samples effervesce from contact with the acid preservative, then either a test for effervescence must be performed prior to sampling, or the investigators must be prepared to collect each sample both preserved or un-preserved, as needed, or all samples must be collected unpreserved.

To check for effervescence, collect a test sample and add to a pre-preserved vial. If preservation (acidification) of the sample results in effervescence (rapid formation of bubbles) then preservation by acidification is not acceptable, and the sample must be collected un-preserved. If effervescence occurs and only pre-preserved sample vials are available, the preservative solution may be placed into an appropriate hazardous waste container and the vials triple rinsed with organic free water. An appropriate amount of organic free water, equal to the amount of preservative solution, should be placed into the vial. The sample may then be collected as an un-preserved sample. Note that the amount of organic free water placed into the vials will have to be accurately measured.

Sample Size

While this method is an improvement over earlier ones, field investigators must be aware of an inherent limitation. Because of the extremely small sample size and the lack of sample mixing, sample representativeness for VOCs may be reduced compared to samples with larger volumes collected for other constituents. The sampling design and objectives of the investigation should take this into consideration.

Holding Times

Sample holding times are specified in the *Analytical Support Branch Laboratory Operations and Quality Assurance Manual* (ASBLOQAM), Most Recent Version. Field investigators should note that the holding time for an un-preserved VOC soil/sediment sample on ice is 48 hours. Arrangements should be made to ship the soil/sediment VOC samples to the laboratory by overnight delivery the day of collection so the laboratory may preserve and/or analyze the sample within 48 hours of collection.

Percent Moisture and Preservative Compatibility (MOICA)

Samplers must ensure that the laboratory has enough material to determine percent moisture in the VOC soil/sediment sample to correct the analytical results to dry weight. If other analyses requiring percent moisture determination are being performed upon the sample, these results may be used. If not, a separate sample (minimum of 2 oz.) for percent moisture determination will be required. The sample collected for percent moisture may also be used by the laboratory to check for preservative compatibility.

Safety

Methanol is a toxic and flammable liquid. Therefore, methanol must be handled with all required safety precautions related to toxic and flammable liquids. Inhalation of methanol vapors must be avoided. Vials should be handled with protective gloves, opened, and closed quickly during the sample preservation procedure, and handled in a ventilated area. Store methanol away from sources of ignition such as extreme heat or open flames. The vials of methanol should always be stored on ice.

1. Whenever possible, samples will be gathered by the backhoe operator who will excavate material and make it available to the ACT environmental technician.
2. If the situation is such that a representative sample cannot be gathered by the backhoe, the ACT environmental technician will enter the pit to obtain the sample. If entry is necessary, a ladder and second means of egress will be provided. If the excavation walls cannot conform to the angle of repose (i.e., 37 degrees from horizontal or less) then the sidewalls will be shored temporarily assuming the excavation is over five feet in depth and not located in bedrock, solid rock, hard shale, hard pan, cemented sand or gravel, or similar stable material in which there is no possibility of movement or cave-in.
3. If groundwater is present, samples will be taken of the water.
4. One soil sample will be taken in each area that is suspected to be contaminated, based on visual inspection and headspace analysis results.
5. If groundwater is exposed, two water samples will be taken, one from the surface of the water and one completely below the surface.

The shipment and disposal methods for rinsate, sludge and/or contaminated water will be based on the results of the sample analyses. All material will be disposed of in accordance with all Federal, State, and local requirements for the material that has been identified.

3.5.0 Sample Numbering System

A 7 to 9-digit sample numbering scheme will be used to identify the samples as follows: GTX-SAD-1

GTX:	GTX
SA:	Site Assessment
D:	Diesel
G:	Gasoline
DI:	Dispenser Island
P:	Piping
SP:	Stockpile
1:	Sample Number

3.5.1 Sampling Equipment Handling and Decontamination

Sampling utensils which contact environmental supplies will be decontaminated, inspected, and repaired as necessary after each use. The decontamination procedure will be conducted as follows:

1. Wash the utensil in a solution of Alconox® (TSP) and water. The solution shall consist of ¼ cup TSP and 4 gallons potable water.
2. Rinse the utensil with deionized water.
3. Repeat step one and step two when the utensil meets highly contaminated media.
4. Store the utensil in its protective case. Utensils will not be placed in the case until they have been properly decontaminated. If a utensil is placed in its protective case prior to decontamination, the protective case, as well as the utensil will be decontaminated prior to use.
5. Rinsate from this procedure will be disposed of off-site in an environmentally safe manner, according to all Federal, State, and local regulations.

3.5.2 Sample Handling and Shipment

Sample handling and shipment procedures are discussed under section 4.0 Sample Analysis Quality Control and Quality Assurance Plan.

3.5.3 Headspace Sampling and Testing Procedure

The excavation material was evaluated using field headspace analysis performed with a PID. This was performed on site to estimate if the soil survey samples were impacted or not.

The results from the headspace tests were utilized to evaluate the potential extent of contamination. When the headspace analytical results indicated that the excavated soils were within acceptable limits of contamination which is less than 5ppm, no laboratory samples were collected. If the headspace sample was over 5ppm then a laboratory sample was extracted and transported under COC directly to the laboratory for analysis.

4.0.0 Sampling Analysis Quality Control and Quality Assurance Plan

4.1.0 General

The Quality Assurance and Quality Control Plan will comply with applicable State, Federal and local regulations. The sampling procedures conform to the technical specifications of the contract and USACE-Environmental Regulation 1110-1-263 and USACE Memorandum "Sample Handling Protocol for low, medium, and high Concentration Samples of Hazardous Wastes" October 1986, and EPA requirements and guidelines.

4.2.0 Field Sampling Quality Control

Field sampling procedures developed for this project reflect a level of quality which is consistent with applicable federal, state, and local guidelines. The following outline describes the Q.C. Field Sampling Procedures.

4.2.1 Soil Sampling

Soil samples are collected from the backhoe bucket wherever possible. The sampler will direct the backhoe operator to place the bucket at the desired sample location. The backhoe operator will collect no less than $\frac{1}{4}$ cubic yard and move the bucket to a location safely accessible to the sampler. However, on occasion it may be necessary for the sampler to enter the excavation to collect a soil sample that is inaccessible to the backhoe bucket. Stable embankment slopes (min. 1.5h: 1.0v) or temporary shoring must be provided prior to entry by the sampler.

Using decontaminated sampling utensils, the sampler will remove enough soil to ensure that the backhoe bucket did not meet the soil sample to be collected. The sample will be collected from the center of the bucket at least six inches below the soil surface to ensure that volatilization of aromatic compounds in the soil does not occur.

In general, soil sample collection and control will follow the protocol described below:

- A. Select a laboratory certified clean sample jar for sample collection.
- B. Using clean latex gloves and clean sampling utensils (see Sampling Utensil Decontamination) tightly pack the soil into the sample jar to prevent any air space.
- C. Label the jar with the soil sample number, type of laboratory test required, date, name of site, and the name of the sampler.
- D. Enter the sample information on the COC form.
- E. Pack the sample in an ice chest packed with ice following all guidelines.
- F. When the ice chest is filled, or at the close of each workday, the ice chest shall be sealed.
- G. Transport the ice chest to a commercial courier for shipment to the laboratory or directly to the laboratory.

4.2.2 Groundwater Sampling

The procedure for collection of groundwater samples for laboratory analysis is as follows:

- A. Select a laboratory certified clean sample jar for sample collection.
- B. Use clean latex gloves to collect a sample of groundwater by immersing the sample jar in the exposed groundwater (Note: It will be necessary for the sampler to enter the excavation to accomplish this task). Place the cap on the sample jar/vial underwater to ensure the absence of air. Invert the sample to ensure there is no air space included with the sample.
- C. Label the jar with the groundwater sample number, type of laboratory test required, date, name of the site, and the name of the sampler.
- D. Enter the sample on the COC form.
- E. Pack the sample in an ice chest packed with ice for shipment.
- F. When the ice chest is filled, or at the close of each workday, the ice chest shall be sealed.
- G. Transport the ice chest to a commercial courier for shipment to the laboratory, or directly to the laboratory when possible.

4.2.3 Head Space Sampling and Testing Procedure

The procedure for collection and analysis of headspace samples is as follows:

- A. Select a clean, sealable plastic bag.
- B. Fill the bag 1/3 full of a discrete soil sample.
- C. Immediately seal the opening as to not vent volatile components.
- D. Place the sample container in a warmed location for 10 minutes. This allows the volatile components to become vapors and collect in the space above the soil.
- E. Remove the sample container from the warmed location and insert the instrument probe through the opening for vapor analysis. This must be accomplished within thirty seconds to prevent the sample from cooling and creating a vacuum in the sample container.

Record the instrument response, sample number and sample location in the field log.

4.2.4 Rinsate Sampling

The procedure for collection of rinsate samples for laboratory analysis is as follows:

- A. Select a laboratory certified clean sample jar for sample collection.
- B. Using clean latex gloves collect a sample of rinsate by immersing it in the liquid contained in drum for each tank cleaning. Place the cap on the sample jar/vial under the surface of the liquid to ensure the absence of air. Invert the sample to ensure there is no air space included with the sample.
- C. Label the jar with the rinsate sample number, the type of laboratory test required, the date, name of site and the name of the sampler.
- D. Enter the sample on the COC form.
- E. Pack the sample in an ice chest packed with blue ice for shipment.
- F. When the ice chest is filled, or at the close of each workday, the ice chest shall be sealed.

Transport the ice chest to a commercial courier for shipment to the laboratory.

4.3.0 Laboratory Quality Control

Analysis of all samples from soil, water, or decontamination water will be performed by:

Eurofins TestAmerica
11922 East 1st Ave
Spokane, WA 99206

WADOE Certified Lab
Accredited Lab
Phone: (509) 924-9200

Samples will be handled in accordance with the following protocol. This protocol provides guidance on sample volumes, containers, packing, and shipping for low, medium, and high concentration environmental samples taken for chemical analysis. This guidance applies to all samples taken for HTW chemical analysis. The requirements are consistent with those of the Environmental Protection Agency and all standard chemical methods generally used are included.

Samples will be handled in accordance with the following protocol:

Purpose: This protocol provides guidance on sample volumes, containers, packing, and shipping for low, medium, and high concentration environmental samples taken for chemical analysis.

Applicability: This guidance applies to all samples taken for HTW chemical analysis. The requirements are consistent with those of the Environmental Protection Agency and all standard chemical methods generally used are included.

1. *Low Concentration Samples:*

a. Waters

i. Organics

1. Bottle and Preservative Requirement

- a. Four 1-liter amber glass bottles (*Teflon*-lined caps); iced to 4°C (may not be held at site over 24 hours).
- b. Two 40 mL glass VOA vials (with *Teflon* septa); iced to 4°C (may not be held at site over 24 hours). Add HCl (4 drops of concentrated HCl) or NaHSO₄ to pH < 2.
- c. The samples above are needed when Method 8240 is used to analyze for volatile (or purgeable) organics, when Methods 8250 or 8270 are used to analyze for Base/Neutral/Acid (B/N/A) extractable organics, and when Method 8080 is used to analyze for pesticides and PCB's. Two of the 1-L bottles are needed for 8250 or 8270 and two for 8080.
- d. Oil and Grease, Total Organic Carbon (TOC) or TRPH. For each analyte, two 1-liter glass bottles (*Teflon*-lined cap), 5 mL 1:1 HCl (to pH < 2), and 4°C.

2. Paperwork/Labels

- a. COC Record. It is important to note that only one site is listed per form even if the sites have the same sample project number. Top original goes with the samples; a copy will be saved for the sampler's files.
- b. Receipt for Samples.
 - i. This form complies with the requirements that the operator or agent-in-charge is legally entitled to:
 1. A receipt describing the samples obtained from the site

2. A portion of each sample equal in weight or volume to the portion retained, if requested.
 - ii. The original form is retained for the Project Coordinator and a copy is given to the operator or agent-in-charge.
 - c. Sample Labels. Samples will be labeled with:
 - i. Date
 - ii. Time of collection
 - iii. Site name,
 - iv. Brief description on a label that will not float/soak off.
 - v. Numbered sample labels will be used on all samples.
3. Packaging and Shipping.
 - a. Waterproof metal (or equivalent strength plastic) ice chests or coolers will be used.
 - i. **Method:**
 1. After filling out the pertinent information on the sample label, place the label onto the closed sample container.
 2. Mark volume level on bottle with grease pencil.
 3. Place about 3 inches of inert cushioning material such as vermiculite in the bottom of the cooler.
 4. Enclose the bottles in transparent plastic bags through which sample labels are visible and seal the bag.
 5. Place bottles upright in the cooler so that they do not touch and will not touch during shipment.
 6. Add additional inert packing material to partially cover sample bottles (more than halfway) and place bags of ice around, among, and on top of the sample.
 7. Fill cooler with cushioning material.
 8. Seal paperwork (COC record) in a waterproof plastic bag and place in the cooler, securing it to the lid with the tape if necessary.
 9. Tape the drain shut.
 10. Secure lid by taping.
 11. Wrap the cooler completely with strapping tape at a minimum of two locations. Do not cover any labels.
 12. Attach completed shipping label to top of the cooler.
 13. Put "This Side Up" labels on all four sides and "Fragile" labels on at least two sides.
 14. Affix numbered and signed custody seals on front right and back left of cooler.
 15. Cover seals with wide, clear tape.
 - b. Soils/Sediments
 - i. Organic and Inorganic
 1. Bottle and Preservative Requirements:
 - a. Water

- i. Two 8-ounce glass wide mouth jars at least $\frac{3}{4}$ full *Teflon*-lined), iced to 4°C – one jar for organics (non-VOA) and one jar for inorganic.
 - b. Soil
 - i. Two 40 mL VOA vials or two 125 mL jars with *Teflon* septa are used. These will be completely filled and iced to 4°C.
- 2. Paperwork/Labels
 - a. COC Record. It is important to note that only one site is listed per form even if the sites have the same sample project number. Top original goes with the samples; a copy will be saved for the sampler's files.
 - b. Receipt for Samples.
 - i. This form complies with the requirements that the operator or agent-in-charge is legally entitled to:
 - 1. A receipt describing the samples obtained from the site and
 - 2. a portion of each sample equal in weight or volume to the portion retained, if requested.
 - ii. The original form is retained for the Project Coordinator and a copy is given to the operator or agent-in-charge.
 - c. Sample Labels. Samples will be labeled with:
 - i. Date
 - ii. Time of collection
 - iii. Site name,
 - iv. Brief description on a label that will not float/soak off.
 - v. Numbered sample labels will be used on all samples.
- 3. Packaging and Shipping
 - a. Waterproof metal (or equivalent strength plastic) ice chests or coolers will be used.
 - i. **Method:**
 - 1. After filling out the pertinent information on the sample label, place the label onto the closed sample container.
 - 2. Mark volume level on bottle with grease pencil.
 - 3. Place about 3 inches of inert cushioning material such as vermiculite in the bottom of the cooler.
 - 4. Enclose the bottles in transparent plastic bags through which sample labels are visible and seal the bag.
 - 5. Place bottles upright in the cooler so that they do not touch and will not touch during shipment.
 - 6. Add additional inert packing material to partially cover sample bottles (more than halfway) and place bags of ice around, among, and on top of the sample.
 - 7. Fill cooler with cushioning material.
 - 8. Seal paperwork (COC record) in a waterproof plastic bag and place in the cooler, securing it to the lid with the tape if necessary.
 - 9. Tape the drain shut.

10. Secure lid by taping.
 11. Wrap the cooler completely with strapping tape at a minimum of two locations. Do not cover any labels.
 12. Attach completed shipping label to top of the cooler.
 13. Put “This Side Up” labels on all four sides and “Fragile” labels on at least two sides.
 14. Affix numbered and signed custody seals on front right and back left of cooler.
 15. Cover seals with wide, clear tape.
2. *Medium Concentration Samples:*
- a. Water/Liquids
 - i. Organic and Inorganic ****Note:** Samples are not known to contain highly toxic compounds.
 1. Bottle and Preservative Requirements:
 - a. Four 32-ounce wide mouth glass jars (*Teflon*-lined caps), no preservatives, and iced to 4°C for B/N/A extractable organics and PCB Pesticides (two jars for each method).
 - b. Two 40 mL glass VOA vials (*Teflon* septa) iced to 4°C. Fill completely. No head space needed.
 - c. Two 16-ounce wide mouth glass jars nearly full (*Teflon*-lined caps) one for metals and one for cyanide. (Preserved for low levels). See Section 4.2.2 C 3(b).
 2. Paperwork/Labels
 - a. COC Record. It is important to note that only one site is listed per form even if the sites have the same sample project number. Top original goes with the samples; a copy will be saved for the sampler’s files.
 - b. Receipt for Samples.
 - i. This form complies with the requirements that the operator or agent-in-charge is legally entitled to:
 1. A receipt describing the samples obtained from the site and
 2. a portion of each sample equal in weight or volume to the portion retained, if requested.
 - ii. The original form is retained for the Project Coordinator and a copy is given to the operator or agent-in-charge.
 - c. Sample Labels. Samples will be labeled with:
 - i. Date
 - ii. Time of collection
 - iii. Site name,
 - iv. Brief description on a label that will not float/soak off.
 - v. Numbered sample labels will be used on all samples.
 3. Packaging and Shipping
 - a. Waterproof metal (or equivalent strength plastic) ice chests or coolers will be used.
 - i. **Method:**
 1. Sample jar lids will be secured with strapping tape or evidence tape. At the same time, string

from USEPA numbered tag will be secured around lid.

2. Mark volume level of bottle with grease pencil.
3. Position jar in Ziploc bag so that tags may be read.
4. Place about ½ inch of cushioning material in the bottom of metal can.
5. Place jar in can and fill remaining volume of can with cushioning material.
6. Close the can using three clips to secure lid.
7. Write sample number on the can lid. Indicate “This Side Up” by drawing an arrow and place “Flammable Liquid N.O.S.” label on can. Personnel who ship samples must be sure to comply with DOT shipping regulations and not knowingly over-classify a sample prior to shipment. If the person shipping a sample knows that the sample is not “Flammable Liquid” (i.e., a water phase sample or a soil sample), he should not classify it as “Flammable Liquid.”
8. Place about 1 inch of packing material in bottom of cooler.
9. Place cans in cooler and fill remaining volume of cooler with packing material. Add ice bags if required.
10. Put paperwork in plastic bags and tape with masking tape to inside lid of cooler.
11. Tape drain shut.
12. After acceptance by shipper, tape cooler completely around with strapping tape at two locations. Secure lid by taping. Do not cover any labels.
13. Place lab address on top of cooler. ** Note: Write “Flammable Liquid N.O.S.” on side of cooler if this is not marked on the margin of your DOT label.
14. For all medium and high concentration shipments, complete shipper’s hazardous material certification form.
15. Put “This Side Up” labels on all four sides, “Flammable Liquid N.O.S.” and “Danger – Peligro” on all sides. ** Note: “Danger – Peligro” labels should be used only when net quantity of samples in cooler exceeds 1 quart (32 ounces) for liquids.
16. Affix number custody seals on front right and back left of cooler. Cover seals with wide, clear tape.

b. Soils/Sediments/Solids

i. Organic and Inorganic

1. Bottles and Preservatives Requirements:

- a. For analysis of volatile, two 40 mL VOA vials or two 125 mL jars with *Teflon* septa are used. These should be completely filled and iced to 4°C.
 - b. Two 8-ounce wide mouth glass jars, ¾ full (*Teflon*-lined caps), no preservative; two jars for organic (non-VOA) and two jars for inorganic.
2. Paperwork/Labels
- a. COC Record. It is important to note that only one site is listed per form even if the sites have the same sample project number. Top original goes with the samples; a copy will be saved for the sampler's files.
 - b. Receipt for Samples.
 - i. This form complies with the requirements that the operator or agent-in-charge is legally entitled to:
 1. A receipt describing the samples obtained from the site and
 2. a portion of each sample equal in weight or volume to the portion retained, if requested.
 - ii. The original form is retained for the Project Coordinator and a copy is given to the operator or agent-in-charge.
 - c. Sample Labels. Samples will be labeled with:
 - i. Date
 - ii. Time of collection
 - iii. Site name,
 - iv. Brief description on a label that will not float/soak off.
 - v. Numbered sample labels will be used on all samples.
3. Packaging and Shipping:
- a. Waterproof metal (or equivalent strength plastic) ice chests or coolers will be used.
 - i. **Method:**
 1. Sample jar lids will be secured with strapping tape or evidence tape. At the same time, string from USEPA numbered tag will be secured around lid.
 2. Mark volume level of bottle with grease pencil.
 3. Position jar in Ziploc bag so that tags may be read.
 4. Place about ½ inch of cushioning material in the bottom of metal can.
 5. Place jar in can and fill remaining volume of can with cushioning material.
 6. Close the can using three clips to secure lid.
 7. Write sample number on the can lid. Indicate "This Side Up" by drawing an arrow and place "Flammable Solid N.O.S." label on can. Personnel who ship samples must be sure to comply with DOT shipping regulations and not knowingly over-classify a sample prior to shipment. If the person shipping a sample knows that the sample is not "Flammable Solid", he should not classify it as such.

8. Place about 1 inch of packing material in bottom of cooler.
 9. Place cans in cooler and fill remaining volume of cooler with packing material. Add ice bags if required.
 10. Put paperwork in plastic bags and tape with masking tape to inside lid of cooler.
 11. Tape drain shut.
 12. After acceptance by shipper, tape cooler completely around with strapping tape at two locations. Secure lid by taping. Do not cover any labels.
 13. Place lab address on top of cooler. ** Note: Write “Flammable Solid N.O.S.” on side of cooler if this is not marked on the margin of your DOT label.
 14. For all medium and high concentration shipments, complete shipper’s hazardous material certification form.
 15. Put “This Side Up” labels on all four sides, “Flammable Solid N.O.S.” and “Danger – Peligro” on all sides. ** Note: “Danger – Peligro” labels should be used only when net quantity of samples in cooler exceeds 25 pounds for solids.
 16. Affix number custody seals on front right and back left of cooler. Cover seals with wide, clear tape.
3. *High Concentration Samples* (Hazardous: Determined Not to be D.O.T. – Defined Poison A). High concentration samples include those from drums, tanks, surface impoundments, direct discharges, and spills, where there is little or no evidence of environmental dilution. High concentration (or high hazard) samples are suspected to contain greater than 15% concentration of any individual chemical constituent.
- a. Liquids
 - i. Organic and Inorganic
 1. Bottle and Preservative Requirements
 - a. One 8-ounce wide mouth glass jar filled ½ to ¾ full (*Teflon*-lined cap). No preservative.
 - b. Paperwork/Labels COC Record. It is important to note that only one site is listed per form even if the sites have the same sample project number. Top original goes with the samples; a copy will be saved for the sampler’s files.
 - c. Receipt for Samples.
 - i. This form complies with the requirements that the operator or agent-in-charge is legally entitled to:
 1. A receipt describing the samples obtained from the site and
 2. a portion of each sample equal in weight or volume to the portion retained, if requested.
 - ii. The original form is retained for the Project Coordinator and a copy is given to the operator or agent-in-charge.
 - d. Sample Labels. Samples will be labeled with:

- i. Date
 - ii. Time of collection
 - iii. Site name,
 - iv. Brief description on a label that will not float/soak off.
 - v. Numbered sample labels will be used on all samples.
2. Packaging and Shipping:
 - a. Waterproof metal (or equivalent strength plastic) ice chests or coolers will be used.
 - i. Shipper may require special forms to be completed before shipment of high hazard concentration samples.
 - ii. **Method:**
 1. Sample jar lids will be secured with strapping tape or evidence tape. At the same time, string from USEPA numbered tag will be secured around lid.
 2. Mark volume level of bottle with grease pencil.
 3. Position jar in Ziploc bag so that tags may be read.
 4. Place about ½ inch of cushioning material in the bottom of metal can.
 5. Place jar in can and fill remaining volume of can with cushioning material.
 6. Close the can using three clips to secure lid.
 7. Write sample number on the can lid. Indicate “This Side Up” by drawing an arrow and place “Flammable Liquid N.O.S.” label on can. Personnel who ship samples must be sure to comply with DOT shipping regulations and not knowingly over-classify a sample prior to shipment. If the person shipping a sample knows that the sample is not “Flammable Liquid”, he should not classify it as such.
 8. Place about 1 inch of packing material in bottom of cooler.
 9. Place cans in cooler and fill remaining volume of cooler with packing material. Add ice bags if required.
 10. Put paperwork in plastic bags and tape with masking tape to inside lid of cooler.
 11. Tape drain shut.
 12. After acceptance by shipper, tape cooler completely around with strapping tape at two locations. Secure lid by taping. Do not cover any labels.
 13. Place lab address on top of cooler. ** Note: Write “Flammable Liquid N.O.S.” on side of cooler if this is not marked on the margin of your DOT label.
 14. For all medium and high concentration shipments, complete shipper’s hazardous material certification form.

15. Put “This Side Up” labels on all four sides, “Flammable Liquid N.O.S.” and “Danger – Peligro” on all sides. ** Note: “Danger – Peligro” labels should be used only when net quantity of samples in cooler exceeds 1 quart (32 ounces) for liquids.
16. Affix number custody seals on front right and back left of cooler. Cover seals with wide, clear tape.

b. Soils/Sediments/Solids

i. Organic and Inorganic

1. Bottle and Preservative Requirements

- a. One 8-ounce wide-mouth glass jar filled $\frac{1}{2}$ to $\frac{3}{4}$ full (*Teflon*- lined cap). No preservative.
- b. Paperwork/Labels COC Record. It is important to note that only one site is listed per form even if the sites have the same sample project number. Top original goes with the samples; a copy will be saved for the sampler’s files.
- c. Receipt for Samples.
 - i. This form complies with the requirements that the operator or agent-in-charge is legally entitled to:
 1. A receipt describing the samples obtained from the site and
 2. a portion of each sample equal in weight or volume to the portion retained, if requested.
 - ii. The original form is retained for the Project Coordinator and a copy is given to the operator or agent-in-charge.
- d. Sample Labels. Samples will be labeled with:
 - i. Date
 - ii. Time of collection
 - iii. Site name,
 - iv. Brief description on a label that will not float/soak off.
 - v. Numbered sample labels will be used on all samples.

2. Packaging and Shipping:

- a. Waterproof metal (or equivalent strength plastic) ice chests or coolers will be used.
 - i. **Method:**
 1. Sample jar lids will be secured with strapping tape or evidence tape. At the same time, string from USEPA numbered tag will be secured around lid.
 2. Mark volume level of bottle with grease pencil.
 3. Position jar in Ziploc bag so that tags may be read.
 4. Place about $\frac{1}{2}$ inch of cushioning material in the bottom of metal can.
 5. Place jar in can and fill remaining volume of can with cushioning material.
 6. Close the can using three clips to secure lid.
 7. Write sample number on the can lid. Indicate “This Side Up” by drawing an arrow and place

- “Flammable Solid N.O.S.” label on can. Personnel who ship samples must be sure to comply with DOT shipping regulations and not knowingly over-classify a sample prior to shipment. If the person shipping a sample knows that the sample is not “Flammable Solid”, he should not classify it as such.
8. Place about 1 inch of packing material in bottom of cooler.
 9. Place cans in cooler and fill remaining volume of cooler with packing material. Add ice bags if required.
 10. Put paperwork in plastic bags and tape with masking tape to inside lid of cooler.
 11. Tape drain shut.
 12. After acceptance by shipper, tape cooler completely around with strapping tape at two locations. Secure lid by taping. Do not cover any labels.
 13. Place lab address on top of cooler. ** Note: Write “Flammable Solid N.O.S.” on side of cooler if this is not marked on the margin of your DOT label.
 14. For all medium and high concentration shipments, complete shipper’s hazardous material certification form.
 15. Put “This Side Up” labels on all four sides, “Flammable Solid N.O.S.” and “Danger – Peligro” on all sides. ** Note: “Danger – Peligro” labels should be used only when net quantity of samples in cooler exceeds 25 pounds for solids.

B/N/A = Base/Neutral/Acid extractables

TRPH = Total Recoverable Petroleum Hydrocarbons.

All containers must have *Teflon*-lined seals (*Teflon*-lined septa for VOA vials).

G = Glass; P = High density polyethylene.

Sample preservation will be done in the field immediately upon sample collection. If water samples are filtered in the field, differential pressure methods using 45-micron filters will be used, and preservative added after filtration VOA samples should never be filtered.

When only one holding time is given, it implies total holding time from sampling until analysis.

Three bottles are required on at least 5-10% (but at least one) sample so that laboratory can perform all method QC checks for SW-856 method.

Total Recoverable Metals for water samples: Holding time for Mercury is 28 days in glass. Chromium IV is 24 hours

Chlorine, Bromine, Fluorine, Nitrite, Nitrogen Oxide, Phosphate, Sulfates: 1 L for each method

Orthophosphate requires filtration.

Holding time for extraction is 48 hours for Nitrogen Oxide, Nitrites, and Phosphates if not preserved with Sulfuric Acid to $\text{pH} < 2$.

Samples with residual chlorine present will be dechlorinated with sodium thiosulfate as specified in SW-846 (Third edition).

Holding times for medium concentration samples are the same as those specified for low concentration samples.

Attachment I

Laboratory Analytical Report & Chain of Custody



eurofins

Environment Testing
America

ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-14135-1
Client Project/Site: GTX/Top Tier

For:
Able Clean-Up Technologies, Inc
5308 N Myrtle St.
PO BOX 6185
Spokane, Washington 99217

Attn: Kipp E Silver

Authorized for release by:
11/5/2020 12:48:42 PM

Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

LINKS

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results through
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 **Ask
The
Expert**

Visit us at:
www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Laboratory Job ID: 590-14135-1

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Case Narrative

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Job ID: 590-14135-1

Laboratory: Eurofins TestAmerica, Spokane

Narrative**Receipt**

The samples were received on 10/27/2020 4:10 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 10.8° C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: GTX-SAD-1 (590-14135-1), GTX-SASP-2 (590-14135-2), GTX-SAG-3 (590-14135-3), GTX-SAD-4 (590-14135-4), GTX-SAD-5 (590-14135-5), GTX-SAG-6 (590-14135-6) and GTX-SASP-7 (590-14135-7). The samples are considered acceptable since they were collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: Detected hydrocarbons appear to be due to weathered diesel in the following sample: GTX-SAD-5 (590-14135-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14135-1	GTX-SAD-1	Solid	10/27/20 11:05	10/27/20 16:10	
590-14135-2	GTX-SASP-2	Solid	10/27/20 12:15	10/27/20 16:10	
590-14135-3	GTX-SAG-3	Solid	10/27/20 13:45	10/27/20 16:10	
590-14135-4	GTX-SAD-4	Solid	10/27/20 13:55	10/27/20 16:10	
590-14135-5	GTX-SAD-5	Solid	10/27/20 14:30	10/27/20 16:10	
590-14135-6	GTX-SAG-6	Solid	10/27/20 14:55	10/27/20 16:10	
590-14135-7	GTX-SASP-7	Solid	10/27/20 15:10	10/27/20 16:10	

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Eurofins TestAmerica, Spokane

Definitions/Glossary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
as	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Client Sample ID: GTX-SAD-1

Lab Sample ID: 590-14135-1

Date Collected: 10/27/20 11:05

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 96.0

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	☐	11/04/20 10:48	11/04/20 20:32	1
Ethylbenzene	ND		0.11		mg/Kg	☐	11/04/20 10:48	11/04/20 20:32	1
m,p-Xylene	ND		0.43		mg/Kg	☐	11/04/20 10:48	11/04/20 20:32	1
o-Xylene	ND		0.21		mg/Kg	☐	11/04/20 10:48	11/04/20 20:32	1
Toluene	ND		0.11		mg/Kg	☐	11/04/20 10:48	11/04/20 20:32	1
Xylenes, Total	ND		0.64		mg/Kg	☐	11/04/20 10:48	11/04/20 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		75 - 129	11/04/20 10:48	11/04/20 20:32	1
4-Bromofluorobenzene (Surr)	96		76 - 122	11/04/20 10:48	11/04/20 20:32	1
Dibromofluoromethane (Surr)	102		80 - 120	11/04/20 10:48	11/04/20 20:32	1
Toluene-d8 (Surr)	98		80 - 120	11/04/20 10:48	11/04/20 20:32	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	ND		10		mg/Kg	☐	10/29/20 12:39	10/29/20 15:51	1
(C10-C25)									
Residual Range Organics (RRO)	ND		25		mg/Kg	☐	10/29/20 12:39	10/29/20 15:51	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	90		50 - 150	10/29/20 12:39	10/29/20 15:51	1
n-Tricantane-d62	95		50 - 150	10/29/20 12:39	10/29/20 15:51	1

Client Sample ID: GTX-SASP-2

Lab Sample ID: 590-14135-2

Date Collected: 10/27/20 12:15

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 93.9

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg	☐	11/04/20 10:48	11/04/20 21:15	1
Ethylbenzene	ND		0.11		mg/Kg	☐	11/04/20 10:48	11/04/20 21:15	1
m,p-Xylene	ND		0.45		mg/Kg	☐	11/04/20 10:48	11/04/20 21:15	1
o-Xylene	ND		0.23		mg/Kg	☐	11/04/20 10:48	11/04/20 21:15	1
Toluene	ND		0.11		mg/Kg	☐	11/04/20 10:48	11/04/20 21:15	1
Xylenes, Total	ND		0.68		mg/Kg	☐	11/04/20 10:48	11/04/20 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 129	11/04/20 10:48	11/04/20 21:15	1
4-Bromofluorobenzene (Surr)	93		76 - 122	11/04/20 10:48	11/04/20 21:15	1
Dibromofluoromethane (Surr)	102		80 - 120	11/04/20 10:48	11/04/20 21:15	1
Toluene-d8 (Surr)	97		80 - 120	11/04/20 10:48	11/04/20 21:15	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.7		mg/Kg	☐	11/04/20 10:48	11/04/20 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		41.5 - 162	11/04/20 10:48	11/04/20 21:15	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Client Sample ID: GTX-SAG-3

Lab Sample ID: 590-14135-3

Date Collected: 10/27/20 13:45

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 96.3

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018		mg/Kg	Q	11/04/20 10:48	11/04/20 21:36	1
Ethylbenzene	ND		0.092		mg/Kg	Q	11/04/20 10:48	11/04/20 21:36	1
m,p-Xylene	ND		0.37		mg/Kg	Q	11/04/20 10:48	11/04/20 21:36	1
o-Xylene	ND		0.18		mg/Kg	Q	11/04/20 10:48	11/04/20 21:36	1
Toluene	ND		0.092		mg/Kg	Q	11/04/20 10:48	11/04/20 21:36	1
Xylenes, Total	ND		0.55		mg/Kg	Q	11/04/20 10:48	11/04/20 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Sum)	117		75 - 129	11/04/20 10:48	11/04/20 21:36	1
4-Bromofluorobenzene (Sum)	91		76 - 122	11/04/20 10:48	11/04/20 21:36	1
Dibromofluoromethane (Sum)	103		80 - 120	11/04/20 10:48	11/04/20 21:36	1
Toluene-d8 (Sum)	94		80 - 120	11/04/20 10:48	11/04/20 21:36	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.6		mg/Kg	Q	11/04/20 10:48	11/04/20 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Sum)	91		41.5 - 162	11/04/20 10:48	11/04/20 21:36	1

Client Sample ID: GTX-SAD-4

Lab Sample ID: 590-14135-4

Date Collected: 10/27/20 13:55

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 92.0

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg	Q	11/04/20 10:48	11/04/20 21:58	1
Ethylbenzene	ND		0.096		mg/Kg	Q	11/04/20 10:48	11/04/20 21:58	1
m,p-Xylene	ND		0.38		mg/Kg	Q	11/04/20 10:48	11/04/20 21:58	1
o-Xylene	ND		0.19		mg/Kg	Q	11/04/20 10:48	11/04/20 21:58	1
Toluene	ND		0.096		mg/Kg	Q	11/04/20 10:48	11/04/20 21:58	1
Xylenes, Total	ND		0.57		mg/Kg	Q	11/04/20 10:48	11/04/20 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Sum)	115		75 - 129	11/04/20 10:48	11/04/20 21:58	1
4-Bromofluorobenzene (Sum)	97		76 - 122	11/04/20 10:48	11/04/20 21:58	1
Dibromofluoromethane (Sum)	109		80 - 120	11/04/20 10:48	11/04/20 21:58	1
Toluene-d8 (Sum)	97		80 - 120	11/04/20 10:48	11/04/20 21:58	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		11		mg/Kg	Q	10/29/20 12:39	10/29/20 16:06	1
Residual Range Organics (RRO) (C25-C36)	ND		27		mg/Kg	Q	10/29/20 12:39	10/29/20 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150	10/29/20 12:39	10/29/20 16:06	1
n-Tricantane-d62	81		50 - 150	10/29/20 12:39	10/29/20 16:06	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Client Sample ID: GTX-SAD-5

Lab Sample ID: 590-14135-5

Date Collected: 10/27/20 14:30

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 92.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg	Q	11/04/20 10:48	11/04/20 22:20	1
Ethylbenzene	ND		0.096		mg/Kg	Q	11/04/20 10:48	11/04/20 22:20	1
m,p-Xylene	ND		0.38		mg/Kg	Q	11/04/20 10:48	11/04/20 22:20	1
o-Xylene	ND		0.19		mg/Kg	Q	11/04/20 10:48	11/04/20 22:20	1
Toluene	ND		0.096		mg/Kg	Q	11/04/20 10:48	11/04/20 22:20	1
Xylenes, Total	ND		0.58		mg/Kg	Q	11/04/20 10:48	11/04/20 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 129	11/04/20 10:48	11/04/20 22:20	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/04/20 10:48	11/04/20 22:20	1
Dibromofluoromethane (Surr)	104		80 - 120	11/04/20 10:48	11/04/20 22:20	1
Toluene-d8 (Surr)	101		80 - 120	11/04/20 10:48	11/04/20 22:20	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	240		10		mg/Kg	Q	10/29/20 12:39	10/29/20 16:22	1
(C10-C25)									
Residual Range Organics (RRO)	ND		26		mg/Kg	Q	10/29/20 12:39	10/29/20 16:22	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	10/29/20 12:39	10/29/20 16:22	1
n-Triacontane-d62	83		50 - 150	10/29/20 12:39	10/29/20 16:22	1

Client Sample ID: GTX-SAG-6

Lab Sample ID: 590-14135-6

Date Collected: 10/27/20 14:55

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 94.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	Q	11/04/20 10:48	11/04/20 22:41	1
Ethylbenzene	ND		0.11		mg/Kg	Q	11/04/20 10:48	11/04/20 22:41	1
m,p-Xylene	ND		0.43		mg/Kg	Q	11/04/20 10:48	11/04/20 22:41	1
o-Xylene	ND		0.21		mg/Kg	Q	11/04/20 10:48	11/04/20 22:41	1
Toluene	ND		0.11		mg/Kg	Q	11/04/20 10:48	11/04/20 22:41	1
Xylenes, Total	ND		0.64		mg/Kg	Q	11/04/20 10:48	11/04/20 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 129	11/04/20 10:48	11/04/20 22:41	1
4-Bromofluorobenzene (Surr)	97		76 - 122	11/04/20 10:48	11/04/20 22:41	1
Dibromofluoromethane (Surr)	104		80 - 120	11/04/20 10:48	11/04/20 22:41	1
Toluene-d8 (Surr)	95		80 - 120	11/04/20 10:48	11/04/20 22:41	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.3		mg/Kg	Q	11/04/20 10:48	11/04/20 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		41.5 - 162	11/04/20 10:48	11/04/20 22:41	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Client Sample ID: GTX-SASP-7

Lab Sample ID: 590-14135-7

Date Collected: 10/27/20 15:10

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 93.6

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg	Q	11/04/20 10:48	11/04/20 23:03	1
Ethylbenzene	ND		0.11		mg/Kg	Q	11/04/20 10:48	11/04/20 23:03	1
m,p-Xylene	ND		0.44		mg/Kg	Q	11/04/20 10:48	11/04/20 23:03	1
o-Xylene	ND		0.22		mg/Kg	Q	11/04/20 10:48	11/04/20 23:03	1
Toluene	ND		0.11		mg/Kg	Q	11/04/20 10:48	11/04/20 23:03	1
Xylenes, Total	ND		0.67		mg/Kg	Q	11/04/20 10:48	11/04/20 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		75 - 129	11/04/20 10:48	11/04/20 23:03	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/04/20 10:48	11/04/20 23:03	1
Dibromofluoromethane (Surr)	108		80 - 120	11/04/20 10:48	11/04/20 23:03	1
Toluene-d8 (Surr)	94		80 - 120	11/04/20 10:48	11/04/20 23:03	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	36		5.6		mg/Kg	Q	11/04/20 10:48	11/04/20 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		41.5 - 162	11/04/20 10:48	11/04/20 23:03	1

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-29568/1-A
Matrix: Solid
Analysis Batch: 29579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		11/04/20 10:47	11/04/20 13:38	1
Ethylbenzene	ND		0.10		mg/Kg		11/04/20 10:47	11/04/20 13:38	1
m,p-Xylene	ND		0.40		mg/Kg		11/04/20 10:47	11/04/20 13:38	1
o-Xylene	ND		0.20		mg/Kg		11/04/20 10:47	11/04/20 13:38	1
Toluene	ND		0.10		mg/Kg		11/04/20 10:47	11/04/20 13:38	1
Xylenes, Total	ND		0.60		mg/Kg		11/04/20 10:47	11/04/20 13:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 129	11/04/20 10:47	11/04/20 13:38	1
4-Bromofluorobenzene (Surr)	92		76 - 122	11/04/20 10:47	11/04/20 13:38	1
Dibromofluoromethane (Surr)	104		80 - 120	11/04/20 10:47	11/04/20 13:38	1
Toluene-d8 (Surr)	97		80 - 120	11/04/20 10:47	11/04/20 13:38	1

Lab Sample ID: LCS 590-29568/2-A
Matrix: Solid
Analysis Batch: 29579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.500	0.470		mg/Kg		94	76 - 129
Ethylbenzene	0.500	0.506		mg/Kg		101	77 - 133
m,p-Xylene	0.500	0.489		mg/Kg		98	78 - 130
o-Xylene	0.500	0.473		mg/Kg		95	77 - 129
Toluene	0.500	0.477		mg/Kg		95	77 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		75 - 129
4-Bromofluorobenzene (Surr)	90		76 - 122
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	95		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-29568/1-A
Matrix: Solid
Analysis Batch: 29578

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0		mg/Kg		11/04/20 10:47	11/04/20 13:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		41.5 - 162	11/04/20 10:47	11/04/20 13:38	1

Lab Sample ID: LCS 590-29568/3-A
Matrix: Solid
Analysis Batch: 29578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	50.0	52.0		mg/Kg		104	74.4 - 124

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		41.5 - 162

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-29519/1-A
Matrix: Solid
Analysis Batch: 29520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29519

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND	Qualifier	10		mg/Kg		10/29/20 12:39	10/29/20 13:52	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		10/29/20 12:39	10/29/20 13:52	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	86	Qualifier	50 - 150				10/29/20 12:39	10/29/20 13:52	1
n-Triscontane-d62	85		50 - 150				10/29/20 12:39	10/29/20 13:52	1

Lab Sample ID: LCS 590-29519/2-A
Matrix: Solid
Analysis Batch: 29520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29519

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	57.7	Qualifier	mg/Kg		86	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	59.3		mg/Kg		89	50 - 150
Surrogate	LCS	LCS	Limits				
o-Terphenyl	89	Qualifier	50 - 150				
n-Triscontane-d62	87		50 - 150				

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Client Sample ID: GTX-SAD-1

Lab Sample ID: 590-14135-1

Date Collected: 10/27/20 11:05

Matrix: Solid

Date Received: 10/27/20 16:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29521	10/29/20 13:07	NMI	TAL SPK

Client Sample ID: GTX-SAD-1

Lab Sample ID: 590-14135-1

Date Collected: 10/27/20 11:05

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.12 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29579	11/04/20 20:32	JSP	TAL SPK
Total/NA	Prep	3550C			15.64 g	5 mL	29519	10/29/20 12:39	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29520	10/29/20 15:51	NMI	TAL SPK

Client Sample ID: GTX-SASP-2

Lab Sample ID: 590-14135-2

Date Collected: 10/27/20 12:15

Matrix: Solid

Date Received: 10/27/20 16:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29521	10/29/20 13:07	NMI	TAL SPK

Client Sample ID: GTX-SASP-2

Lab Sample ID: 590-14135-2

Date Collected: 10/27/20 12:15

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.981 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29579	11/04/20 21:15	JSP	TAL SPK
Total/NA	Prep	5035			9.981 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29578	11/04/20 21:15	JSP	TAL SPK

Client Sample ID: GTX-SAG-3

Lab Sample ID: 590-14135-3

Date Collected: 10/27/20 13:45

Matrix: Solid

Date Received: 10/27/20 16:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29521	10/29/20 13:07	NMI	TAL SPK

Client Sample ID: GTX-SAG-3

Lab Sample ID: 590-14135-3

Date Collected: 10/27/20 13:45

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.828 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29579	11/04/20 21:36	JSP	TAL SPK
Total/NA	Prep	5035			11.828 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29578	11/04/20 21:36	JSP	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Client Sample ID: GTX-SAD-4

Lab Sample ID: 590-14135-4

Date Collected: 10/27/20 13:55

Matrix: Solid

Date Received: 10/27/20 16:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29521	10/29/20 13:07	NMI	TAL SPK

Client Sample ID: GTX-SAD-4

Lab Sample ID: 590-14135-4

Date Collected: 10/27/20 13:55

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			12.486 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29579	11/04/20 21:58	JSP	TAL SPK
Total/NA	Prep	3550C			15.26 g	5 mL	29519	10/29/20 12:39	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29520	10/29/20 16:06	NMI	TAL SPK

Client Sample ID: GTX-SAD-5

Lab Sample ID: 590-14135-5

Date Collected: 10/27/20 14:30

Matrix: Solid

Date Received: 10/27/20 16:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29521	10/29/20 13:07	NMI	TAL SPK

Client Sample ID: GTX-SAD-5

Lab Sample ID: 590-14135-5

Date Collected: 10/27/20 14:30

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			12.319 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29579	11/04/20 22:20	JSP	TAL SPK
Total/NA	Prep	3550C			15.52 g	5 mL	29519	10/29/20 12:39	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29520	10/29/20 16:22	NMI	TAL SPK

Client Sample ID: GTX-SAG-6

Lab Sample ID: 590-14135-6

Date Collected: 10/27/20 14:55

Matrix: Solid

Date Received: 10/27/20 16:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29521	10/29/20 13:07	NMI	TAL SPK

Client Sample ID: GTX-SAG-6

Lab Sample ID: 590-14135-6

Date Collected: 10/27/20 14:55

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.419 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29579	11/04/20 22:41	JSP	TAL SPK
Total/NA	Prep	5035			10.419 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29578	11/04/20 22:41	JSP	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Client Sample ID: GTX-SASP-7

Lab Sample ID: 590-14135-7

Date Collected: 10/27/20 15:10

Matrix: Solid

Date Received: 10/27/20 16:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29521	10/29/20 13:07	NMI	TAL SPK

Client Sample ID: GTX-SASP-7

Lab Sample ID: 590-14135-7

Date Collected: 10/27/20 15:10

Matrix: Solid

Date Received: 10/27/20 16:10

Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.234 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29579	11/04/20 23:03	JSP	TAL SPK
Total/NA	Prep	5035			10.234 g	10 mL	29568	11/04/20 10:48	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29578	11/04/20 23:03	JSP	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-8200

Eurofins TestAmerica, Spokane

Accreditation/Certification Summary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NWTPH-Dx	3550C	Solid	Residual Range Organics (RRO) (C25-C36)

Eurofins TestAmerica, Spokane

Method Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Job ID: 590-14135-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3550C	Ultrasonic Extraction	SW846	TAL SPK
5035	Closed System Purge and Trap	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

1 2 3 4 5 6 7 8 9 10 11 12

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

11/5/2020

Client Contact Able Cleanup Technologies Inc. 4117 E. Nibbelink Ave. Spokane, WA 99217 509.466.9245 509.467.0810 Project Name: GTX/Top Tier Site: 18724 E. Canada Ave. Spokane Valley, WA P.O. # 20305		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> WDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		Project Manager: Kipp Silver Tel/Fax: 509-991-8442		Site Contact: Kipp Silver Date: 10/27/2020 Carrier: Able Cleanup		COC No: 1 of 1 COCs Sampler: Kipp Silver For Lab Use Only: Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/> Job / SDG No.:	
Analysis Turnaround Time <input type="checkbox"/> CALIBRATION DAYS <input type="checkbox"/> WORKING DAYS TAT if different from below: _____ 2 weeks 1 week 2 days 1 day		Sample Identification Sample Date Sample Time Sample Type (IC-Drum, Section) Matrix # of Cont.		Filtered Sample (Y/N) Perform MS / MSD (Y/N) WTPH-Gx BTEX Total Lead WTPH-Dx		Sample Specific Notes:			
GTX-SAD-1		10/26/11:05		G S 3		X			
GTX-SASP-2		12:15		(X			
GTX-SA G-3		13:45		(X			
GTX-SAD-4		13:55		(X			
GTX-SAD-5		14:30		(X			
GTX-SA G-6		14:55		(X			
GTX-SASP-7		15:10		(X			
Preservation Used: 1= Ice, 2= HCl, 3= HNO ₃ , 4= HNO ₃ , 5= NaOH, 6= Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please list any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> No Hazard <input type="checkbox"/> Hazardous <input type="checkbox"/> No Interf. <input type="checkbox"/> Spill 8 <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Relinquished by: Kipp Silver Relinquished by: <i>[Signature]</i> Relinquished by:		Custody Seal No.: Company: Able Cleanup Tech Date/Time: 10/28/20 Date/Time:		Cooler Temp (°C): Obsd: 10.4°C Contd: 10.2°C Received by: <i>[Signature]</i> Received by: <i>[Signature]</i> Received in Laboratory by:		Company: Able Cleanup Company: <i>[Signature]</i> Company:		Theme ID No: 11000 Date/Time: 10/27/20 Date/Time:	



590-14135 Chain of Custody

Login Sample Receipt Checklist

Client: Able Clean-Up Technologies, Inc

Job Number: 590-14135-1



Login Number: 14135

List Number: 1

Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	N/A	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

	 eurofins	Environment Testing America	1
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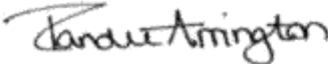
ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory job ID: 590-14155-1
Client Project/Site: GTX/Top Tier

For:
Able Clean-Up Technologies, Inc
5308 N Myrtle St.
PO BOX 6185
Spokane, Washington 99217


Attn: Kipp E Silver



Authorized for release by:
11/11/2020 12:12:56 PM
Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

..... LINKS

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The
Expert**

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Laboratory Job ID: 590-14155-1

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Case Narrative

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Job ID: 590-14155-1

Laboratory: Eurofins TestAmerica, Spokane

Narrative**Receipt**

The samples were received on 10/30/2020 10:55 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: Detected hydrocarbons in the diesel range appear to be due to heavily weathered diesel in the following samples: GTX-SASP-14 (590-14155-7), GTX-SADI-16 (590-14155-9), GTX-SADI-19 (590-14155-12) and (590-14155-A-7-A DU).

Method NWTPH-Dx: Surrogate recovery for the following sample was outside control limits: GTX-SAD-20 (590-14155-13). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14155-1	GTX-SAG-8	Solid	10/28/20 11:40	10/30/20 10:55	
590-14155-2	GTX-SAG-9	Solid	10/28/20 12:01	10/30/20 10:55	
590-14155-3	GTX-SAG-10	Solid	10/28/20 12:15	10/30/20 10:55	
590-14155-4	GTX-SAG-11	Solid	10/28/20 12:40	10/30/20 10:55	
590-14155-5	GTX-SASP-12	Solid	10/28/20 12:50	10/30/20 10:55	
590-14155-6	GTX-SASP-13	Solid	10/28/20 13:05	10/30/20 10:55	
590-14155-7	GTX-SASP-14	Solid	10/28/20 13:20	10/30/20 10:55	
590-14155-8	GTX-SAP-15	Solid	10/29/20 11:10	10/30/20 10:55	
590-14155-9	GTX-SADI-16	Solid	10/29/20 11:50	10/30/20 10:55	
590-14155-10	GTX-SADI-17	Solid	10/29/20 12:20	10/30/20 10:55	
590-14155-11	GTX-SADI-18	Solid	10/29/20 12:55	10/30/20 10:55	
590-14155-12	GTX-SADI-19	Solid	10/29/20 13:30	10/30/20 10:55	
590-14155-13	GTX-SAD-20	Solid	10/29/20 13:59	10/30/20 10:55	

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Definitions/Glossary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate recovery exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
=	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SAG-8

Lab Sample ID: 590-14155-1

Date Collected: 10/28/20 11:40

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg	Q	11/09/20 11:19	11/09/20 12:52	1
Ethylbenzene	ND		0.096		mg/Kg	Q	11/09/20 11:19	11/09/20 12:52	1
m,p-Xylene	ND		0.38		mg/Kg	Q	11/09/20 11:19	11/09/20 12:52	1
o-Xylene	ND		0.19		mg/Kg	Q	11/09/20 11:19	11/09/20 12:52	1
Toluene	ND		0.096		mg/Kg	Q	11/09/20 11:19	11/09/20 12:52	1
Xylenes, Total	ND		0.58		mg/Kg	Q	11/09/20 11:19	11/09/20 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		75 - 129	11/09/20 11:19	11/09/20 12:52	1
4-Bromofluorobenzene (Surr)	96		76 - 122	11/09/20 11:19	11/09/20 12:52	1
Dibromofluoromethane (Surr)	108		80 - 120	11/09/20 11:19	11/09/20 12:52	1
Toluene-d8 (Surr)	92		80 - 120	11/09/20 11:19	11/09/20 12:52	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.8		mg/Kg	Q	11/09/20 11:19	11/09/20 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		41.5 - 162	11/09/20 11:19	11/09/20 12:52	1

Client Sample ID: GTX-SAG-9

Lab Sample ID: 590-14155-2

Date Collected: 10/28/20 12:01

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 96.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	Q	11/09/20 11:19	11/09/20 13:35	1
Ethylbenzene	ND		0.10		mg/Kg	Q	11/09/20 11:19	11/09/20 13:35	1
m,p-Xylene	ND		0.41		mg/Kg	Q	11/09/20 11:19	11/09/20 13:35	1
o-Xylene	ND		0.21		mg/Kg	Q	11/09/20 11:19	11/09/20 13:35	1
Toluene	ND		0.10		mg/Kg	Q	11/09/20 11:19	11/09/20 13:35	1
Xylenes, Total	ND		0.62		mg/Kg	Q	11/09/20 11:19	11/09/20 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		75 - 129	11/09/20 11:19	11/09/20 13:35	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/09/20 11:19	11/09/20 13:35	1
Dibromofluoromethane (Surr)	104		80 - 120	11/09/20 11:19	11/09/20 13:35	1
Toluene-d8 (Surr)	96		80 - 120	11/09/20 11:19	11/09/20 13:35	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.1		mg/Kg	Q	11/09/20 11:19	11/09/20 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		41.5 - 162	11/09/20 11:19	11/09/20 13:35	1

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Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SAG-10

Lab Sample ID: 590-14155-3

Date Collected: 10/28/20 12:15

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg	Q	11/09/20 11:19	11/09/20 14:40	1
Ethylbenzene	ND		0.099		mg/Kg	Q	11/09/20 11:19	11/09/20 14:40	1
m,p-Xylene	ND		0.39		mg/Kg	Q	11/09/20 11:19	11/09/20 14:40	1
o-Xylene	ND		0.20		mg/Kg	Q	11/09/20 11:19	11/09/20 14:40	1
Toluene	ND		0.099		mg/Kg	Q	11/09/20 11:19	11/09/20 14:40	1
Xylenes, Total	ND		0.59		mg/Kg	Q	11/09/20 11:19	11/09/20 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		75 - 129	11/09/20 11:19	11/09/20 14:40	1
4-Bromofluorobenzene (Surr)	94		76 - 122	11/09/20 11:19	11/09/20 14:40	1
Dibromofluoromethane (Surr)	102		80 - 120	11/09/20 11:19	11/09/20 14:40	1
Toluene-d8 (Surr)	98		80 - 120	11/09/20 11:19	11/09/20 14:40	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.9		mg/Kg	Q	11/09/20 11:19	11/09/20 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		41.5 - 162	11/09/20 11:19	11/09/20 14:40	1

Client Sample ID: GTX-SAG-11

Lab Sample ID: 590-14155-4

Date Collected: 10/28/20 12:40

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg	Q	11/09/20 11:19	11/09/20 15:23	1
Ethylbenzene	ND		0.11		mg/Kg	Q	11/09/20 11:19	11/09/20 15:23	1
m,p-Xylene	ND		0.45		mg/Kg	Q	11/09/20 11:19	11/09/20 15:23	1
o-Xylene	ND		0.22		mg/Kg	Q	11/09/20 11:19	11/09/20 15:23	1
Toluene	ND		0.11		mg/Kg	Q	11/09/20 11:19	11/09/20 15:23	1
Xylenes, Total	ND		0.67		mg/Kg	Q	11/09/20 11:19	11/09/20 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		75 - 129	11/09/20 11:19	11/09/20 15:23	1
4-Bromofluorobenzene (Surr)	98		76 - 122	11/09/20 11:19	11/09/20 15:23	1
Dibromofluoromethane (Surr)	106		80 - 120	11/09/20 11:19	11/09/20 15:23	1
Toluene-d8 (Surr)	95		80 - 120	11/09/20 11:19	11/09/20 15:23	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.8		mg/Kg	Q	11/09/20 11:19	11/09/20 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		41.5 - 162	11/09/20 11:19	11/09/20 15:23	1

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Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SASP-12

Lab Sample ID: 590-14155-5

Date Collected: 10/28/20 12:50

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 93.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg	Q	11/09/20 11:19	11/09/20 15:45	1
Ethylbenzene	ND		0.11		mg/Kg	Q	11/09/20 11:19	11/09/20 15:45	1
m,p-Xylene	ND		0.44		mg/Kg	Q	11/09/20 11:19	11/09/20 15:45	1
o-Xylene	ND		0.22		mg/Kg	Q	11/09/20 11:19	11/09/20 15:45	1
Toluene	ND		0.11		mg/Kg	Q	11/09/20 11:19	11/09/20 15:45	1
Xylenes, Total	ND		0.66		mg/Kg	Q	11/09/20 11:19	11/09/20 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 129	11/09/20 11:19	11/09/20 15:45	1
4-Bromofluorobenzene (Surr)	97		76 - 122	11/09/20 11:19	11/09/20 15:45	1
Dibromofluoromethane (Surr)	107		80 - 120	11/09/20 11:19	11/09/20 15:45	1
Toluene-d8 (Surr)	101		80 - 120	11/09/20 11:19	11/09/20 15:45	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.5		mg/Kg	Q	11/09/20 11:19	11/09/20 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		41.5 - 162	11/09/20 11:19	11/09/20 15:45	1

Client Sample ID: GTX-SASP-13

Lab Sample ID: 590-14155-6

Date Collected: 10/28/20 13:05

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg	Q	11/09/20 11:19	11/09/20 16:06	1
Ethylbenzene	ND		0.097		mg/Kg	Q	11/09/20 11:19	11/09/20 16:06	1
m,p-Xylene	ND		0.39		mg/Kg	Q	11/09/20 11:19	11/09/20 16:06	1
o-Xylene	ND		0.19		mg/Kg	Q	11/09/20 11:19	11/09/20 16:06	1
Toluene	ND		0.097		mg/Kg	Q	11/09/20 11:19	11/09/20 16:06	1
Xylenes, Total	ND		0.58		mg/Kg	Q	11/09/20 11:19	11/09/20 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 129	11/09/20 11:19	11/09/20 16:06	1
4-Bromofluorobenzene (Surr)	94		76 - 122	11/09/20 11:19	11/09/20 16:06	1
Dibromofluoromethane (Surr)	106		80 - 120	11/09/20 11:19	11/09/20 16:06	1
Toluene-d8 (Surr)	96		80 - 120	11/09/20 11:19	11/09/20 16:06	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.8		mg/Kg	Q	11/09/20 11:19	11/09/20 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		41.5 - 162	11/09/20 11:19	11/09/20 16:06	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SASP-14

Lab Sample ID: 590-14155-7

Date Collected: 10/28/20 13:20

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 93.6

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg	Q	11/09/20 11:19	11/09/20 16:28	1
Ethylbenzene	ND		0.12		mg/Kg	Q	11/09/20 11:19	11/09/20 16:28	1
m,p-Xylene	ND		0.49		mg/Kg	Q	11/09/20 11:19	11/09/20 16:28	1
o-Xylene	ND		0.24		mg/Kg	Q	11/09/20 11:19	11/09/20 16:28	1
Toluene	ND		0.12		mg/Kg	Q	11/09/20 11:19	11/09/20 16:28	1
Xylenes, Total	ND		0.73		mg/Kg	Q	11/09/20 11:19	11/09/20 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		75 - 129	11/09/20 11:19	11/09/20 16:28	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/09/20 11:19	11/09/20 16:28	1
Dibromofluoromethane (Surr)	107		80 - 120	11/09/20 11:19	11/09/20 16:28	1
Toluene-d8 (Surr)	97		80 - 120	11/09/20 11:19	11/09/20 16:28	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	17		10		mg/Kg	Q	11/06/20 11:58	11/06/20 16:03	1
(C10-C25)									
Residual Range Organics (RRO)	ND		25		mg/Kg	Q	11/06/20 11:58	11/06/20 16:03	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150	11/06/20 11:58	11/06/20 16:03	1
n-Triacontane-d62	89		50 - 150	11/06/20 11:58	11/06/20 16:03	1

Client Sample ID: GTX-SAP-15

Lab Sample ID: 590-14155-8

Date Collected: 10/29/20 11:10

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 91.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018		mg/Kg	Q	11/09/20 11:19	11/09/20 17:11	1
Ethylbenzene	ND		0.091		mg/Kg	Q	11/09/20 11:19	11/09/20 17:11	1
m,p-Xylene	ND		0.36		mg/Kg	Q	11/09/20 11:19	11/09/20 17:11	1
o-Xylene	ND		0.18		mg/Kg	Q	11/09/20 11:19	11/09/20 17:11	1
Toluene	ND		0.091		mg/Kg	Q	11/09/20 11:19	11/09/20 17:11	1
Xylenes, Total	ND		0.55		mg/Kg	Q	11/09/20 11:19	11/09/20 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		75 - 129	11/09/20 11:19	11/09/20 17:11	1
4-Bromofluorobenzene (Surr)	96		76 - 122	11/09/20 11:19	11/09/20 17:11	1
Dibromofluoromethane (Surr)	105		80 - 120	11/09/20 11:19	11/09/20 17:11	1
Toluene-d8 (Surr)	98		80 - 120	11/09/20 11:19	11/09/20 17:11	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.5		mg/Kg	Q	11/09/20 11:19	11/09/20 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		41.5 - 162	11/09/20 11:19	11/09/20 17:11	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SAP-15

Lab Sample ID: 590-14155-8

Date Collected: 10/29/20 11:10

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 91.1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		11		mg/Kg	☐	11/06/20 11:56	11/06/20 16:23	1
Residual Range Organics (RRO) (C25-C36)	ND		27		mg/Kg	☐	11/06/20 11:56	11/06/20 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	79		50 - 150				11/06/20 11:56	11/06/20 16:23	1
<i>n</i> -Triacontane-d62	86		50 - 150				11/06/20 11:56	11/06/20 16:23	1

Client Sample ID: GTX-SADI-16

Lab Sample ID: 590-14155-9

Date Collected: 10/29/20 11:50

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 96.0

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg	☐	11/09/20 11:19	11/09/20 17:32	1
Ethylbenzene	ND		0.099		mg/Kg	☐	11/09/20 11:19	11/09/20 17:32	1
<i>m,p</i> -Xylene	ND		0.39		mg/Kg	☐	11/09/20 11:19	11/09/20 17:32	1
<i>o</i> -Xylene	ND		0.20		mg/Kg	☐	11/09/20 11:19	11/09/20 17:32	1
Toluene	ND		0.099		mg/Kg	☐	11/09/20 11:19	11/09/20 17:32	1
Xylenes, Total	ND		0.59		mg/Kg	☐	11/09/20 11:19	11/09/20 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		75 - 129				11/09/20 11:19	11/09/20 17:32	1
4-Bromofluorobenzene (Surr)	101		76 - 122				11/09/20 11:19	11/09/20 17:32	1
Dibromofluoromethane (Surr)	108		80 - 120				11/09/20 11:19	11/09/20 17:32	1
Toluene-d8 (Surr)	95		80 - 120				11/09/20 11:19	11/09/20 17:32	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.9		mg/Kg	☐	11/09/20 11:19	11/09/20 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		41.5 - 162				11/09/20 11:19	11/09/20 17:32	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	61		10		mg/Kg	☐	11/06/20 11:56	11/06/20 16:44	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	☐	11/06/20 11:56	11/06/20 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	84		50 - 150				11/06/20 11:56	11/06/20 16:44	1
<i>n</i> -Triacontane-d62	90		50 - 150				11/06/20 11:56	11/06/20 16:44	1

Client Sample ID: GTX-SADI-17

Lab Sample ID: 590-14155-10

Date Collected: 10/29/20 12:20

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 90.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg	☐	11/09/20 11:19	11/09/20 17:54	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SADI-17

Lab Sample ID: 590-14155-10

Date Collected: 10/29/20 12:20

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 90.1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.10		mg/Kg	⊖	11/09/20 11:19	11/09/20 17:54	1
m,p-Xylene	ND		0.41		mg/Kg	⊖	11/09/20 11:19	11/09/20 17:54	1
o-Xylene	ND		0.20		mg/Kg	⊖	11/09/20 11:19	11/09/20 17:54	1
Toluene	ND		0.10		mg/Kg	⊖	11/09/20 11:19	11/09/20 17:54	1
Xylenes, Total	ND		0.61		mg/Kg	⊖	11/09/20 11:19	11/09/20 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 129	11/09/20 11:19	11/09/20 17:54	1
4-Bromofluorobenzene (Surr)	94		76 - 122	11/09/20 11:19	11/09/20 17:54	1
Dibromofluoromethane (Surr)	103		80 - 120	11/09/20 11:19	11/09/20 17:54	1
Toluene-d8 (Surr)	99		80 - 120	11/09/20 11:19	11/09/20 17:54	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.1		mg/Kg	⊖	11/09/20 11:19	11/09/20 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		41.5 - 162	11/09/20 11:19	11/09/20 17:54	1

Client Sample ID: GTX-SADI-18

Lab Sample ID: 590-14155-11

Date Collected: 10/29/20 12:55

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 90.9

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg	⊖	11/09/20 11:19	11/09/20 18:15	1
Ethylbenzene	ND		0.11		mg/Kg	⊖	11/09/20 11:19	11/09/20 18:15	1
m,p-Xylene	ND		0.45		mg/Kg	⊖	11/09/20 11:19	11/09/20 18:15	1
o-Xylene	ND		0.22		mg/Kg	⊖	11/09/20 11:19	11/09/20 18:15	1
Toluene	ND		0.11		mg/Kg	⊖	11/09/20 11:19	11/09/20 18:15	1
Xylenes, Total	ND		0.67		mg/Kg	⊖	11/09/20 11:19	11/09/20 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 129	11/09/20 11:19	11/09/20 18:15	1
4-Bromofluorobenzene (Surr)	99		76 - 122	11/09/20 11:19	11/09/20 18:15	1
Dibromofluoromethane (Surr)	104		80 - 120	11/09/20 11:19	11/09/20 18:15	1
Toluene-d8 (Surr)	95		80 - 120	11/09/20 11:19	11/09/20 18:15	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.6		mg/Kg	⊖	11/09/20 11:19	11/09/20 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		41.5 - 162	11/09/20 11:19	11/09/20 18:15	1

Client Sample ID: GTX-SADI-19

Lab Sample ID: 590-14155-12

Date Collected: 10/29/20 13:30

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg	⊖	11/09/20 11:19	11/09/20 18:37	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SADI-19

Lab Sample ID: 590-14155-12

Date Collected: 10/29/20 13:30

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.5

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.093		mg/Kg	☐	11/09/20 11:19	11/09/20 18:37	1
m,p-Xylene	ND		0.37		mg/Kg	☐	11/09/20 11:19	11/09/20 18:37	1
o-Xylene	ND		0.19		mg/Kg	☐	11/09/20 11:19	11/09/20 18:37	1
Toluene	ND		0.093		mg/Kg	☐	11/09/20 11:19	11/09/20 18:37	1
Xylenes, Total	ND		0.56		mg/Kg	☐	11/09/20 11:19	11/09/20 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 129	11/09/20 11:19	11/09/20 18:37	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/09/20 11:19	11/09/20 18:37	1
Dibromofluoromethane (Surr)	105		80 - 120	11/09/20 11:19	11/09/20 18:37	1
Toluene-d8 (Surr)	95		80 - 120	11/09/20 11:19	11/09/20 18:37	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	35		9.9		mg/Kg	☐	11/06/20 11:56	11/06/20 17:05	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	☐	11/06/20 11:56	11/06/20 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	11/06/20 11:56	11/06/20 17:05	1
n-Triacontane-d62	90		50 - 150	11/06/20 11:56	11/06/20 17:05	1

Client Sample ID: GTX-SAD-20

Lab Sample ID: 590-14155-13

Date Collected: 10/29/20 13:59

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 94.9

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg	☐	11/09/20 11:19	11/09/20 19:20	1
Ethylbenzene	ND		0.097		mg/Kg	☐	11/09/20 11:19	11/09/20 19:20	1
m,p-Xylene	ND		0.39		mg/Kg	☐	11/09/20 11:19	11/09/20 19:20	1
o-Xylene	ND		0.19		mg/Kg	☐	11/09/20 11:19	11/09/20 19:20	1
Toluene	ND		0.097		mg/Kg	☐	11/09/20 11:19	11/09/20 19:20	1
Xylenes, Total	ND		0.58		mg/Kg	☐	11/09/20 11:19	11/09/20 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 129	11/09/20 11:19	11/09/20 19:20	1
4-Bromofluorobenzene (Surr)	88		76 - 122	11/09/20 11:19	11/09/20 19:20	1
Dibromofluoromethane (Surr)	105		80 - 120	11/09/20 11:19	11/09/20 19:20	1
Toluene-d8 (Surr)	99		80 - 120	11/09/20 11:19	11/09/20 19:20	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	38		4.9		mg/Kg	☐	11/09/20 11:19	11/09/20 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		41.5 - 162	11/09/20 11:19	11/09/20 19:20	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SAD-20

Lab Sample ID: 590-14155-13

Date Collected: 10/29/20 13:59

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 94.9

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	1500		10		mg/Kg	⊗	11/06/20 11:56	11/06/20 17:26	1
Residual Range Organics (RRO) (C25-C36)	35		25		mg/Kg	⊗	11/06/20 11:56	11/06/20 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	165	X	50 - 150				11/06/20 11:56	11/06/20 17:26	1
<i>n</i> -Triacontane-d62	93		50 - 150				11/06/20 11:56	11/06/20 17:26	1

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-29629/1-A
Matrix: Solid
Analysis Batch: 29625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29629

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
Ethylbenzene	ND		0.10		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
m,p-Xylene	ND		0.40		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
o-Xylene	ND		0.20		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
Toluene	ND		0.10		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
Xylenes, Total	ND		0.60		mg/Kg		11/09/20 11:18	11/09/20 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		75 - 129	11/09/20 11:18	11/09/20 11:47	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/09/20 11:18	11/09/20 11:47	1
Dibromofluoromethane (Surr)	104		80 - 120	11/09/20 11:18	11/09/20 11:47	1
Toluene-d8 (Surr)	97		80 - 120	11/09/20 11:18	11/09/20 11:47	1

Lab Sample ID: LCS 590-29629/2-A
Matrix: Solid
Analysis Batch: 29625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29629

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.500	0.504		mg/Kg		101	76 - 129
Ethylbenzene	0.500	0.507		mg/Kg		101	77 - 133
m,p-Xylene	0.500	0.511		mg/Kg		102	78 - 130
o-Xylene	0.500	0.491		mg/Kg		98	77 - 129
Toluene	0.500	0.514		mg/Kg		103	77 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		75 - 129
4-Bromofluorobenzene (Surr)	94		76 - 122
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	91		80 - 120

Lab Sample ID: 590-14155-2 MS
Matrix: Solid
Analysis Batch: 29625

Client Sample ID: GTX-SAG-9
Prep Type: Total/NA
Prep Batch: 29629

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.514	0.511		mg/Kg	⊕	99	76 - 129
Ethylbenzene	ND		0.514	0.512		mg/Kg	⊕	99	77 - 133
m,p-Xylene	ND		0.514	0.510		mg/Kg	⊕	99	78 - 130
o-Xylene	ND		0.514	0.496		mg/Kg	⊕	96	77 - 129
Toluene	ND		0.514	0.497		mg/Kg	⊕	97	77 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	118		75 - 129
4-Bromofluorobenzene (Surr)	96		76 - 122
Dibromofluoromethane (Surr)	106		80 - 120
Toluene-d8 (Surr)	93		80 - 120

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 590-14155-2 MSD

Matrix: Solid

Analysis Batch: 29625

Client Sample ID: GTX-SAG-9

Prep Type: Total/NA

Prep Batch: 29629

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		0.514	0.516		mg/Kg	⊕	100	76 - 129	1	25
Ethylbenzene	ND		0.514	0.540		mg/Kg	⊕	105	77 - 133	5	25
m,p-Xylene	ND		0.514	0.517		mg/Kg	⊕	101	78 - 130	2	23
o-Xylene	ND		0.514	0.500		mg/Kg	⊕	97	77 - 129	1	25
Toluene	ND		0.514	0.504		mg/Kg	⊕	98	77 - 131	1	25

Surrogate	%Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		75 - 129
4-Bromofluorobenzene (Surr)	94		76 - 122
Dibromofluoromethane (Surr)	108		80 - 120
Toluene-d8 (Surr)	91		80 - 120

Lab Sample ID: 590-14155-1 DU

Matrix: Solid

Analysis Batch: 29625

Client Sample ID: GTX-SAG-8

Prep Type: Total/NA

Prep Batch: 29629

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Benzene	ND		ND		mg/Kg	⊕	NC	25
Ethylbenzene	ND		ND		mg/Kg	⊕	NC	25
m,p-Xylene	ND		ND		mg/Kg	⊕	NC	23
o-Xylene	ND		ND		mg/Kg	⊕	NC	25
Toluene	ND		ND		mg/Kg	⊕	NC	25
Xylenes, Total	ND		ND		mg/Kg	⊕	NC	25

Surrogate	%Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		75 - 129
4-Bromofluorobenzene (Surr)	95		76 - 122
Dibromofluoromethane (Surr)	106		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: 590-14155-7 DU

Matrix: Solid

Analysis Batch: 29625

Client Sample ID: GTX-SASP-14

Prep Type: Total/NA

Prep Batch: 29629

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Benzene	ND		ND		mg/Kg	⊕	NC	25
Ethylbenzene	ND		ND		mg/Kg	⊕	NC	25
m,p-Xylene	ND		ND		mg/Kg	⊕	NC	23
o-Xylene	ND		ND		mg/Kg	⊕	NC	25
Toluene	ND		ND		mg/Kg	⊕	NC	25
Xylenes, Total	ND		ND		mg/Kg	⊕	NC	25

Surrogate	%Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	119		75 - 129
4-Bromofluorobenzene (Surr)	96		76 - 122
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-29629/1-A
Matrix: Solid
Analysis Batch: 29624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29629

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		41.5 - 162				11/09/20 11:18	11/09/20 11:47	1

Lab Sample ID: LCS 590-29629/3-A
Matrix: Solid
Analysis Batch: 29624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29629

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	50.0	60.8		mg/Kg		122	74.4 - 124
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	93		41.5 - 162				

Lab Sample ID: 590-14155-1 DU
Matrix: Solid
Analysis Batch: 29624

Client Sample ID: GTX-SAG-8
Prep Type: Total/NA
Prep Batch: 29629

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Gasoline	ND		ND		mg/Kg		NC	32.3
Surrogate	DU %Recovery	DU Qualifier	Limits					
4-Bromofluorobenzene (Surr)	95		41.5 - 162					

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-29610/1-A
Matrix: Solid
Analysis Batch: 29611

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29610

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg		11/06/20 11:56	11/06/20 13:37	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		11/06/20 11:56	11/06/20 13:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150				11/06/20 11:56	11/06/20 13:37	1
n-Triscontane-d62	86		50 - 150				11/06/20 11:56	11/06/20 13:37	1

Lab Sample ID: LCS 590-29610/2-A
Matrix: Solid
Analysis Batch: 29611

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	62.1		mg/Kg		93	50 - 150

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCS 590-29610/2-A

Matrix: Solid

Analysis Batch: 29611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Residual Range Organics (RRO) (C25-C36)	66.7	65.4		mg/Kg		98	50 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
<i>o</i> -Terphenyl	92		50 - 150				
<i>n</i> -Triacontane-d62	103		50 - 150				

Lab Sample ID: 590-14155-7 DU

Matrix: Solid

Analysis Batch: 29611

Client Sample ID: GTX-SASP-14

Prep Type: Total/NA

Prep Batch: 29610

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	17		17.7		mg/Kg	+	2	40
Residual Range Organics (RRO) (C25-C36)	ND		ND		mg/Kg	+	15	40
Surrogate	DU %Recovery	DU Qualifier	Limits					
<i>o</i> -Terphenyl	78		50 - 150					
<i>n</i> -Triacontane-d62	88		50 - 150					

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SAG-8

Lab Sample ID: 590-14155-1

Date Collected: 10/28/20 11:40

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SAG-8

Lab Sample ID: 590-14155-1

Date Collected: 10/28/20 11:40

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.382 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 12:52	JSP	TAL SPK
Total/NA	Prep	5035			11.382 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 12:52	JSP	TAL SPK

Client Sample ID: GTX-SAG-9

Lab Sample ID: 590-14155-2

Date Collected: 10/28/20 12:01

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SAG-9

Lab Sample ID: 590-14155-2

Date Collected: 10/28/20 12:01

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.432 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 13:35	JSP	TAL SPK
Total/NA	Prep	5035			10.432 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 13:35	JSP	TAL SPK

Client Sample ID: GTX-SAG-10

Lab Sample ID: 590-14155-3

Date Collected: 10/28/20 12:15

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SAG-10

Lab Sample ID: 590-14155-3

Date Collected: 10/28/20 12:15

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.232 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 14:40	JSP	TAL SPK
Total/NA	Prep	5035			11.232 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 14:40	JSP	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SAG-11

Lab Sample ID: 590-14155-4

Date Collected: 10/28/20 12:40

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SAG-11

Lab Sample ID: 590-14155-4

Date Collected: 10/28/20 12:40

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.686 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 15:23	JSP	TAL SPK
Total/NA	Prep	5035			9.686 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 15:23	JSP	TAL SPK

Client Sample ID: GTX-SASP-12

Lab Sample ID: 590-14155-5

Date Collected: 10/28/20 12:50

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SASP-12

Lab Sample ID: 590-14155-5

Date Collected: 10/28/20 12:50

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.285 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 15:45	JSP	TAL SPK
Total/NA	Prep	5035			10.285 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 15:45	JSP	TAL SPK

Client Sample ID: GTX-SASP-13

Lab Sample ID: 590-14155-6

Date Collected: 10/28/20 13:05

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SASP-13

Lab Sample ID: 590-14155-6

Date Collected: 10/28/20 13:05

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.355 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 16:06	JSP	TAL SPK
Total/NA	Prep	5035			11.355 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 16:06	JSP	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc.
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SASP-14

Lab Sample ID: 590-14155-7

Date Collected: 10/28/20 13:20

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SASP-14

Lab Sample ID: 590-14155-7

Date Collected: 10/28/20 13:20

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.286 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 16:28	JSP	TAL SPK
Total/NA	Prep	3550C			15.76 g	5 mL	29610	11/06/20 11:56	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29611	11/06/20 16:03	NMI	TAL SPK

Client Sample ID: GTX-SAP-15

Lab Sample ID: 590-14155-8

Date Collected: 10/29/20 11:10

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SAP-15

Lab Sample ID: 590-14155-8

Date Collected: 10/29/20 11:10

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13.522 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 17:11	JSP	TAL SPK
Total/NA	Prep	5035			13.522 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 17:11	JSP	TAL SPK
Total/NA	Prep	3550C			15.31 g	5 mL	29610	11/06/20 11:56	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29611	11/06/20 16:23	NMI	TAL SPK

Client Sample ID: GTX-SADI-16

Lab Sample ID: 590-14155-9

Date Collected: 10/29/20 11:50

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SADI-16

Lab Sample ID: 590-14155-9

Date Collected: 10/29/20 11:50

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.01 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 17:32	JSP	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SADI-16

Lab Sample ID: 590-14155-9

Date Collected: 10/29/20 11:50

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.01 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 17:32	JSP	TAL SPK
Total/NA	Prep	3550C			15.35 g	5 mL	29610	11/06/20 11:56	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29611	11/06/20 16:44	NMI	TAL SPK

Client Sample ID: GTX-SADI-17

Lab Sample ID: 590-14155-10

Date Collected: 10/29/20 12:20

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SADI-17

Lab Sample ID: 590-14155-10

Date Collected: 10/29/20 12:20

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			12.253 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 17:54	JSP	TAL SPK
Total/NA	Prep	5035			12.253 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 17:54	JSP	TAL SPK

Client Sample ID: GTX-SADI-18

Lab Sample ID: 590-14155-11

Date Collected: 10/29/20 12:55

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SADI-18

Lab Sample ID: 590-14155-11

Date Collected: 10/29/20 12:55

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.862 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 18:15	JSP	TAL SPK
Total/NA	Prep	5035			10.862 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 18:15	JSP	TAL SPK

Client Sample ID: GTX-SADI-19

Lab Sample ID: 590-14155-12

Date Collected: 10/29/20 13:30

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Client Sample ID: GTX-SADI-19

Lab Sample ID: 590-14155-12

Date Collected: 10/29/20 13:30

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.891 g	10 mL	29829	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29825	11/09/20 18:37	JSP	TAL SPK
Total/NA	Prep	3550C			15.95 g	5 mL	29610	11/06/20 11:56	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29611	11/06/20 17:05	NMI	TAL SPK

Client Sample ID: GTX-SAD-20

Lab Sample ID: 590-14155-13

Date Collected: 10/29/20 13:59

Matrix: Solid

Date Received: 10/30/20 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29553	11/02/20 19:49	NMI	TAL SPK

Client Sample ID: GTX-SAD-20

Lab Sample ID: 590-14155-13

Date Collected: 10/29/20 13:59

Matrix: Solid

Date Received: 10/30/20 10:55

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.467 g	10 mL	29829	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29825	11/09/20 19:20	JSP	TAL SPK
Total/NA	Prep	5035			11.467 g	10 mL	29829	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29824	11/09/20 19:20	JSP	TAL SPK
Total/NA	Prep	3550C			15.56 g	5 mL	29610	11/06/20 11:56	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29611	11/06/20 17:26	NMI	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

Accreditation/Certification Summary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NWTPH-Dx	3550C	Solid	Residual Range Organics (RRO) (C25-C36)

Eurofins TestAmerica, Spokane

Method Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Top Tier

Job ID: 590-14155-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3550C	Ultrasonic Extraction	SW846	TAL SPK
5035	Closed System Purge and Trap	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

Chain of Custody Record


Regulatory Program: ☐ OSE ☐ NREPS ☐ RCRA ☐ Other:

TestAmerica
TestAmerica, Inc. • 10000 W. 16th Ave. • Denver, CO 80202
Tel: 303.440.8100 • Fax: 303.440.8101 • www.testamerica.com

11/11/2020

Client Contact		Project Manager: Kipp Silver		Site Contact: Kipp Silver		Date: 10/30/2020	
Abbe Chemical Technologies Inc. 4117 E. Nebraska Ave. Spokane, WA 99217		Tel/Fax: 509-991-4442		Lab Contact:		Carrier: Abbe Chemical	
509-466-5295 509-487-0810		Analysis Turnaround Time		COC No.		COCs	
Project Name: GTX/Top Tier		<input type="checkbox"/> CALIBRATION DAYS <input type="checkbox"/> WORKING DAYS		Sampler: Kipp Silver For Lab Use Only: Waste in Client: Lab Sampling:		1 of 2 2 of 2	
Site: 1872A E. Calisto Ave., Spokane Valley, WA		YAT # (different from Spec#) <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Jab / SDG No.:			
P.O. # 20005				Sample Specific Notes:			

Sample Identification	Sample Date	Sample Time	Sample Type (GC/MS, etc.)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	WTPH-Gx	STEK	Total Lead	WTPH-Dx
GTX-SAG-8	10/28/20	11:40	G	S	3			X	X		
GTX-SAG-9	10/28/20	12:01	G	S	3			X	X		
GTX-SAG-10	10/28/20	12:15	G	S	3			X	X		
GTX-SAG-11	10/28/20	12:40	G	S	3			X	X		
GTX-SAG-12	10/28/20	12:50	G	S	3			X	X		
GTX-SAG-13	10/28/20	13:05	G	S	3			X	X		
GTX-SAG-14	10/28/20	13:10	G	S	3			X	X		
GTX-SAG-15	10/29/20	11:10	G	S	3			X	X		
GTX-SAG-16	10/29/20	11:50	G	S	3			X	X		
GTX-SAG-17	10/29/20	12:30	G	S	3			X	X		
GTX-SAG-18	10/29/20	12:55	G	S	3			X	X		



MSD-14155 Chain of Custody

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Comments Section if the lab is to dispose of the sample.			

Special Instructions/QC Requirements & Comments:	

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Copier Toner (C) Count: 32	Corr: 5.4	Therm ID No: 0930
Retransmitted by: Kipp Silver	Company: Abbe Chemical Tech	Received by: Kipp Silver	Company: Abbe	Date/Time: 10/30/20 0930
Retransmitted by:	Company:	Received in Laboratory by:	Company:	Date/Time: 10/30/20 10:55

Login Sample Receipt Checklist

Client: Able Clean-Up Technologies, Inc

Job Number: 590-14155-1


Login Number: 14155

List Number: 1



Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

 **eurofins**

Environment Testing
America



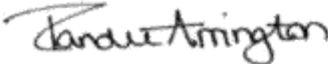
ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory job ID: 590-14198-1
Client Project/Site: GTX/Three Star Real Estate

For:
Able Clean-Up Technologies, Inc
5308 N Myrtle St.
PO BOX 6185
Spokane, Washington 99217

Attn: Kipp E Silver



Authorized for release by:
11/17/2020 12:10:48 PM
Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Site Assessment and Remediation Report

81

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Laboratory Job ID: 590-14198-1

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Case Narrative

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Job ID: 590-14198-1

Laboratory: Eurofins TestAmerica, Spokane

Narrative**Receipt**

The samples were received on 11/6/2020 4:50 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3° C.

GC/MS VOA

Method 8260D: Due to instrument malfunction the matrix spike duplicate (MSD) for preparation batch 590-29689 and analytical batch 590-29691 were outside control limits. A duplicate was analyzed to show precision and results were within acceptable limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14198-1	GTX-SA-21	Solid	11/05/20 09:50	11/06/20 16:50	
590-14198-2	GTX-SA-22	Solid	11/05/20 10:30	11/06/20 16:50	
590-14198-3	GTX-SA-23	Solid	11/05/20 10:50	11/06/20 16:50	
590-14198-4	GTX-SA-24	Solid	11/05/20 10:55	11/06/20 16:50	
590-14198-5	GTX-SA-25	Solid	11/05/20 11:05	11/06/20 16:50	
590-14198-6	GTX-SA-26	Solid	11/05/20 11:45	11/06/20 16:50	
590-14198-8	GTX-SA-28	Solid	11/05/20 13:40	11/06/20 16:50	
590-14198-10	GTX-SA-30	Solid	11/05/20 15:37	11/06/20 16:50	
590-14198-11	GTX-SA-31	Solid	11/06/20 12:00	11/06/20 16:50	

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Eurofins TestAmerica, Spokane

Definitions/Glossary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
as	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins TestAmerica, Spokane

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11/17/2020

Client Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-21

Lab Sample ID: 590-14198-1

Date Collected: 11/05/20 09:50

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 97.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg	☐	11/16/20 10:25	11/16/20 13:16	1
Ethylbenzene	ND		0.11		mg/Kg	☐	11/16/20 10:25	11/16/20 13:16	1
m,p-Xylene	ND		0.44		mg/Kg	☐	11/16/20 10:25	11/16/20 13:16	1
o-Xylene	ND		0.22		mg/Kg	☐	11/16/20 10:25	11/16/20 13:16	1
Toluene	ND		0.11		mg/Kg	☐	11/16/20 10:25	11/16/20 13:16	1
Xylenes, Total	ND		0.66		mg/Kg	☐	11/16/20 10:25	11/16/20 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 129	11/16/20 10:25	11/16/20 13:16	1
4-Bromofluorobenzene (Surr)	93		76 - 122	11/16/20 10:25	11/16/20 13:16	1
Dibromofluoromethane (Surr)	105		80 - 120	11/16/20 10:25	11/16/20 13:16	1
Toluene-d8 (Surr)	100		80 - 120	11/16/20 10:25	11/16/20 13:16	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	ND		10		mg/Kg	☐	11/12/20 16:10	11/12/20 23:40	1
(C10-C25)									
Residual Range Organics (RRO)	ND		25		mg/Kg	☐	11/12/20 16:10	11/12/20 23:40	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	11/12/20 16:10	11/12/20 23:40	1
n-Triacontane-d62	86		50 - 150	11/12/20 16:10	11/12/20 23:40	1

Client Sample ID: GTX-SA-22

Lab Sample ID: 590-14198-2

Date Collected: 11/05/20 10:30

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 90.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg	☐	11/16/20 10:25	11/16/20 13:58	1
Ethylbenzene	ND		0.10		mg/Kg	☐	11/16/20 10:25	11/16/20 13:58	1
m,p-Xylene	ND		0.40		mg/Kg	☐	11/16/20 10:25	11/16/20 13:58	1
o-Xylene	ND		0.20		mg/Kg	☐	11/16/20 10:25	11/16/20 13:58	1
Toluene	ND		0.10		mg/Kg	☐	11/16/20 10:25	11/16/20 13:58	1
Xylenes, Total	ND		0.60		mg/Kg	☐	11/16/20 10:25	11/16/20 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 129	11/16/20 10:25	11/16/20 13:58	1
4-Bromofluorobenzene (Surr)	94		76 - 122	11/16/20 10:25	11/16/20 13:58	1
Dibromofluoromethane (Surr)	105		80 - 120	11/16/20 10:25	11/16/20 13:58	1
Toluene-d8 (Surr)	101		80 - 120	11/16/20 10:25	11/16/20 13:58	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	180		11		mg/Kg	☐	11/12/20 16:10	11/13/20 00:00	1
(C10-C25)									
Residual Range Organics (RRO)	ND		27		mg/Kg	☐	11/12/20 16:10	11/13/20 00:00	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150	11/12/20 16:10	11/13/20 00:00	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-22

Lab Sample ID: 590-14198-2

Date Collected: 11/05/20 10:30

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 90.8

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Triacontane-d62	83		50 - 150	11/12/20 16:10	11/13/20 00:00	1

Client Sample ID: GTX-SA-23

Lab Sample ID: 590-14198-3

Date Collected: 11/05/20 10:30

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:16	1
Ethylbenzene	ND		0.11		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:16	1
m,p-Xylene	ND		0.43		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:16	1
o-Xylene	ND		0.21		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:16	1
Toluene	ND		0.11		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:16	1
Xylenes, Total	ND		0.64		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Sum)	103		75 - 129	11/16/20 10:25	11/16/20 15:16	1
4-Bromofluorobenzene (Sum)	106		76 - 122	11/16/20 10:25	11/16/20 15:16	1
Dibromofluoromethane (Sum)	105		80 - 120	11/16/20 10:25	11/16/20 15:16	1
Toluene-d8 (Sum)	99		80 - 120	11/16/20 10:25	11/16/20 15:16	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.4		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Sum)	106		41.5 - 162	11/16/20 10:25	11/16/20 15:16	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg	⊖	11/12/20 16:10	11/13/20 00:21	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	⊖	11/12/20 16:10	11/13/20 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	11/12/20 16:10	11/13/20 00:21	1
n-Triacontane-d62	87		50 - 150	11/12/20 16:10	11/13/20 00:21	1

Client Sample ID: GTX-SA-24

Lab Sample ID: 590-14198-4

Date Collected: 11/05/20 10:55

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 94.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:58	1
Ethylbenzene	ND		0.11		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:58	1
m,p-Xylene	ND		0.43		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:58	1
o-Xylene	ND		0.21		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:58	1
Toluene	ND		0.11		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:58	1
Xylenes, Total	ND		0.64		mg/Kg	⊖	11/16/20 10:25	11/16/20 15:58	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-24

Lab Sample ID: 590-14198-4

Date Collected: 11/05/20 10:55

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 94.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 129	11/16/20 10:25	11/16/20 15:58	1
4-Bromofluorobenzene (Surr)	99		76 - 122	11/16/20 10:25	11/16/20 15:58	1
Dibromofluoromethane (Surr)	107		80 - 120	11/16/20 10:25	11/16/20 15:58	1
Toluene-d8 (Surr)	100		80 - 120	11/16/20 10:25	11/16/20 15:58	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	ND		10		mg/Kg	⊖	11/12/20 16:10	11/13/20 00:41	1
(C10-C25)									
Residual Range Organics (RRO)	ND		26		mg/Kg	⊖	11/12/20 16:10	11/13/20 00:41	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150	11/12/20 16:10	11/13/20 00:41	1
n-Tricentane-d62	82		50 - 150	11/12/20 16:10	11/13/20 00:41	1

Client Sample ID: GTX-SA-25

Lab Sample ID: 590-14198-5

Date Collected: 11/05/20 11:05

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	⊖	11/16/20 10:25	11/16/20 16:18	1
Ethylbenzene	ND		0.10		mg/Kg	⊖	11/16/20 10:25	11/16/20 16:18	1
m,p-Xylene	ND		0.41		mg/Kg	⊖	11/16/20 10:25	11/16/20 16:18	1
o-Xylene	ND		0.21		mg/Kg	⊖	11/16/20 10:25	11/16/20 16:18	1
Toluene	ND		0.10		mg/Kg	⊖	11/16/20 10:25	11/16/20 16:18	1
Xylenes, Total	ND		0.62		mg/Kg	⊖	11/16/20 10:25	11/16/20 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 129	11/16/20 10:25	11/16/20 16:18	1
4-Bromofluorobenzene (Surr)	105		76 - 122	11/16/20 10:25	11/16/20 16:18	1
Dibromofluoromethane (Surr)	105		80 - 120	11/16/20 10:25	11/16/20 16:18	1
Toluene-d8 (Surr)	100		80 - 120	11/16/20 10:25	11/16/20 16:18	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	ND		10		mg/Kg	⊖	11/12/20 16:10	11/13/20 01:02	1
(C10-C25)									
Residual Range Organics (RRO)	ND		25		mg/Kg	⊖	11/12/20 16:10	11/13/20 01:02	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	11/12/20 16:10	11/13/20 01:02	1
n-Tricentane-d62	84		50 - 150	11/12/20 16:10	11/13/20 01:02	1

Client Sample ID: GTX-SA-26

Lab Sample ID: 590-14198-6

Date Collected: 11/05/20 11:45

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.9

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg	⊖	11/16/20 10:25	11/16/20 16:39	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-26

Lab Sample ID: 590-14198-6

Date Collected: 11/05/20 11:45

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.9

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.095		mg/Kg	☐	11/16/20 10:25	11/16/20 16:39	1
m,p-Xylene	ND		0.38		mg/Kg	☐	11/16/20 10:25	11/16/20 16:39	1
o-Xylene	ND		0.19		mg/Kg	☐	11/16/20 10:25	11/16/20 16:39	1
Toluene	ND		0.095		mg/Kg	☐	11/16/20 10:25	11/16/20 16:39	1
Xylenes, Total	ND		0.57		mg/Kg	☐	11/16/20 10:25	11/16/20 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 129	11/16/20 10:25	11/16/20 16:39	1
4-Bromofluorobenzene (Surr)	104		76 - 122	11/16/20 10:25	11/16/20 16:39	1
Dibromofluoromethane (Surr)	102		80 - 120	11/16/20 10:25	11/16/20 16:39	1
Toluene-d8 (Surr)	99		80 - 120	11/16/20 10:25	11/16/20 16:39	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg	☐	11/12/20 16:10	11/13/20 01:22	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	☐	11/12/20 16:10	11/13/20 01:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	11/12/20 16:10	11/13/20 01:22	1
n-Triacontane-d62	84		50 - 150	11/12/20 16:10	11/13/20 01:22	1

Client Sample ID: GTX-SA-28

Lab Sample ID: 590-14198-8

Date Collected: 11/05/20 13:40

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 97.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	☐	11/16/20 10:25	11/16/20 17:00	1
Ethylbenzene	ND		0.11		mg/Kg	☐	11/16/20 10:25	11/16/20 17:00	1
m,p-Xylene	ND		0.43		mg/Kg	☐	11/16/20 10:25	11/16/20 17:00	1
o-Xylene	ND		0.21		mg/Kg	☐	11/16/20 10:25	11/16/20 17:00	1
Toluene	ND		0.11		mg/Kg	☐	11/16/20 10:25	11/16/20 17:00	1
Xylenes, Total	ND		0.64		mg/Kg	☐	11/16/20 10:25	11/16/20 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 129	11/16/20 10:25	11/16/20 17:00	1
4-Bromofluorobenzene (Surr)	99		76 - 122	11/16/20 10:25	11/16/20 17:00	1
Dibromofluoromethane (Surr)	105		80 - 120	11/16/20 10:25	11/16/20 17:00	1
Toluene-d8 (Surr)	102		80 - 120	11/16/20 10:25	11/16/20 17:00	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg	☐	11/12/20 16:10	11/13/20 02:03	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	☐	11/12/20 16:10	11/13/20 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	91		50 - 150	11/12/20 16:10	11/13/20 02:03	1
n-Triacontane-d62	93		50 - 150	11/12/20 16:10	11/13/20 02:03	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-30

Lab Sample ID: 590-14198-10

Date Collected: 11/05/20 15:37

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg	Q	11/16/20 10:25	11/16/20 17:21	1
Ethylbenzene	ND		0.10		mg/Kg	Q	11/16/20 10:25	11/16/20 17:21	1
m,p-Xylene	ND		0.40		mg/Kg	Q	11/16/20 10:25	11/16/20 17:21	1
o-Xylene	ND		0.20		mg/Kg	Q	11/16/20 10:25	11/16/20 17:21	1
Toluene	ND		0.10		mg/Kg	Q	11/16/20 10:25	11/16/20 17:21	1
Xylenes, Total	ND		0.60		mg/Kg	Q	11/16/20 10:25	11/16/20 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 129	11/16/20 10:25	11/16/20 17:21	1
4-Bromofluorobenzene (Surr)	92		76 - 122	11/16/20 10:25	11/16/20 17:21	1
Dibromofluoromethane (Surr)	104		80 - 120	11/16/20 10:25	11/16/20 17:21	1
Toluene-d8 (Surr)	100		80 - 120	11/16/20 10:25	11/16/20 17:21	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	ND		10		mg/Kg	Q	11/12/20 16:10	11/13/20 02:23	1
(C10-C25)									
Residual Range Organics (RRO)	ND		26		mg/Kg	Q	11/12/20 16:10	11/13/20 02:23	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150	11/12/20 16:10	11/13/20 02:23	1
n-Triacontane-d62	82		50 - 150	11/12/20 16:10	11/13/20 02:23	1

Client Sample ID: GTX-SA-31

Lab Sample ID: 590-14198-11

Date Collected: 11/06/20 12:00

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg	Q	11/16/20 10:25	11/16/20 17:43	1
Ethylbenzene	ND		0.094		mg/Kg	Q	11/16/20 10:25	11/16/20 17:43	1
m,p-Xylene	ND		0.38		mg/Kg	Q	11/16/20 10:25	11/16/20 17:43	1
o-Xylene	ND		0.19		mg/Kg	Q	11/16/20 10:25	11/16/20 17:43	1
Toluene	ND		0.094		mg/Kg	Q	11/16/20 10:25	11/16/20 17:43	1
Xylenes, Total	ND		0.56		mg/Kg	Q	11/16/20 10:25	11/16/20 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 129	11/16/20 10:25	11/16/20 17:43	1
4-Bromofluorobenzene (Surr)	101		76 - 122	11/16/20 10:25	11/16/20 17:43	1
Dibromofluoromethane (Surr)	105		80 - 120	11/16/20 10:25	11/16/20 17:43	1
Toluene-d8 (Surr)	101		80 - 120	11/16/20 10:25	11/16/20 17:43	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.7		mg/Kg	Q	11/16/20 10:25	11/16/20 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		41.5 - 162	11/16/20 10:25	11/16/20 17:43	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-31

Lab Sample ID: 590-14198-11

Date Collected: 11/06/20 12:00

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.2

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	11		10		mg/Kg	⊗	11/12/20 16:10	11/13/20 02:44	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	⊗	11/12/20 16:10	11/13/20 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150				11/12/20 16:10	11/13/20 02:44	1
n-Triacontane-d62	84		50 - 150				11/12/20 16:10	11/13/20 02:44	1

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-29689/1-A
 Matrix: Solid
 Analysis Batch: 29691

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29689

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.020		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
Ethylbenzene	ND		0.10		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
m,p-Xylene	ND		0.40		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
o-Xylene	ND		0.20		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
Toluene	ND		0.10		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
Xylenes, Total	ND		0.60		mg/Kg		11/16/20 10:24	11/16/20 12:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	103		75 - 129	11/16/20 10:24	11/16/20 12:13	1
4-Bromofluorobenzene (Surr)	106		76 - 122	11/16/20 10:24	11/16/20 12:13	1
Dibromofluoromethane (Surr)	105		80 - 120	11/16/20 10:24	11/16/20 12:13	1
Toluene-d8 (Surr)	99		80 - 120	11/16/20 10:24	11/16/20 12:13	1

Lab Sample ID: LCS 590-29689/2-A
 Matrix: Solid
 Analysis Batch: 29691

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 29689

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
Benzene	0.500	0.518		mg/Kg		104	76 - 129
Ethylbenzene	0.500	0.507		mg/Kg		101	77 - 133
m,p-Xylene	0.500	0.503		mg/Kg		101	78 - 130
o-Xylene	0.500	0.500		mg/Kg		100	77 - 129
Toluene	0.500	0.490		mg/Kg		98	77 - 131

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	104		75 - 129
4-Bromofluorobenzene (Surr)	107		76 - 122
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: 590-14198-2 MS
 Matrix: Solid
 Analysis Batch: 29691

Client Sample ID: GTX-SA-22
 Prep Type: Total/NA
 Prep Batch: 29689

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Benzene	ND		0.500	0.561		mg/Kg	⊕	112	76 - 129
Ethylbenzene	ND		0.500	0.558		mg/Kg	⊕	112	77 - 133
m,p-Xylene	ND		0.500	0.566		mg/Kg	⊕	113	78 - 130
o-Xylene	ND		0.500	0.566		mg/Kg	⊕	113	77 - 129
Toluene	ND		0.500	0.562		mg/Kg	⊕	112	77 - 131

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		75 - 129
4-Bromofluorobenzene (Surr)	100		76 - 122
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 590-14198-1 DU
 Matrix: Solid
 Analysis Batch: 29691

Client Sample ID: GTX-SA-21
 Prep Type: Total/NA
 Prep Batch: 29689

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Benzene	ND		ND		mg/Kg	0	NC	25
Ethylbenzene	ND		ND		mg/Kg	0	NC	25
m,p-Xylene	ND		ND		mg/Kg	0	NC	23
o-Xylene	ND		ND		mg/Kg	0	NC	25
Toluene	ND		ND		mg/Kg	0	NC	25
Xylenes, Total	ND		ND		mg/Kg	0	NC	25

Surrogate	%Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		75 - 129
4-Bromofluorobenzene (Surr)	92		76 - 122
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-29689/1-A
 Matrix: Solid
 Analysis Batch: 29690

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0		mg/Kg		11/16/20 10:24	11/16/20 12:13	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		41.5 - 162	11/16/20 10:24	11/16/20 12:13	1

Lab Sample ID: LCS 590-29689/3-A
 Matrix: Solid
 Analysis Batch: 29690

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 29689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	50.0	58.8		mg/Kg		118	74.4 - 124

Surrogate	%Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		41.5 - 162

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-29677/1-A
 Matrix: Solid
 Analysis Batch: 29670

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg		11/12/20 16:10	11/12/20 18:33	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		11/12/20 16:10	11/12/20 18:33	1

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: MB 590-29677/1-A
 Matrix: Solid
 Analysis Batch: 29670

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29677

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
<i>o</i> -Terphenyl	80		50 - 150	11/12/20 16:10	11/12/20 18:33	1
<i>n</i> -Triacontane-d52	82		50 - 150	11/12/20 16:10	11/12/20 18:33	1

Lab Sample ID: LCS 590-29677/2-A
 Matrix: Solid
 Analysis Batch: 29670

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 29677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	51.1		mg/Kg		77	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	52.1		mg/Kg		78	50 - 150

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
<i>o</i> -Terphenyl	84		50 - 150
<i>n</i> -Triacontane-d52	86		50 - 150

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-21

Lab Sample ID: 590-14198-1

Date Collected: 11/05/20 09:50

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-21

Lab Sample ID: 590-14198-1

Date Collected: 11/05/20 09:50

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.582 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 13:16	JSP	TAL SPK
Total/NA	Prep	3550C			15.22 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/12/20 23:40	NMI	TAL SPK

Client Sample ID: GTX-SA-22

Lab Sample ID: 590-14198-2

Date Collected: 11/05/20 10:30

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-22

Lab Sample ID: 590-14198-2

Date Collected: 11/05/20 10:30

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			12.252 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 13:58	JSP	TAL SPK
Total/NA	Prep	3550C			15.19 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/13/20 00:00	NMI	TAL SPK

Client Sample ID: GTX-SA-23

Lab Sample ID: 590-14198-3

Date Collected: 11/05/20 10:50

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-23

Lab Sample ID: 590-14198-3

Date Collected: 11/05/20 10:50

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.146 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 15:16	JSP	TAL SPK
Total/NA	Prep	5035			10.146 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29690	11/16/20 15:16	JSP	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-23

Lab Sample ID: 590-14198-3

Date Collected: 11/05/20 10:50

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.22 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/13/20 00:21	NMI	TAL SPK

Client Sample ID: GTX-SA-24

Lab Sample ID: 590-14198-4

Date Collected: 11/05/20 10:55

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-24

Lab Sample ID: 590-14198-4

Date Collected: 11/05/20 10:55

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.519 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 15:58	JSP	TAL SPK
Total/NA	Prep	3550C			15.35 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/13/20 00:41	NMI	TAL SPK

Client Sample ID: GTX-SA-25

Lab Sample ID: 590-14198-5

Date Collected: 11/05/20 11:05

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-25

Lab Sample ID: 590-14198-5

Date Collected: 11/05/20 11:05

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.453 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 16:18	JSP	TAL SPK
Total/NA	Prep	3550C			15.35 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/13/20 01:02	NMI	TAL SPK

Client Sample ID: GTX-SA-26

Lab Sample ID: 590-14198-6

Date Collected: 11/05/20 11:45

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-26

Lab Sample ID: 590-14198-6

Date Collected: 11/05/20 11:45

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.205 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 16:39	JSP	TAL SPK
Total/NA	Prep	3550C			15.08 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/13/20 01:22	NMI	TAL SPK

Client Sample ID: GTX-SA-28

Lab Sample ID: 590-14198-8

Date Collected: 11/05/20 13:40

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-28

Lab Sample ID: 590-14198-8

Date Collected: 11/05/20 13:40

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.859 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 17:00	JSP	TAL SPK
Total/NA	Prep	3550C			15.10 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/13/20 02:03	NMI	TAL SPK

Client Sample ID: GTX-SA-30

Lab Sample ID: 590-14198-10

Date Collected: 11/05/20 15:37

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-30

Lab Sample ID: 590-14198-10

Date Collected: 11/05/20 15:37

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.848 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 17:21	JSP	TAL SPK
Total/NA	Prep	3550C			15.28 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/13/20 02:23	NMI	TAL SPK

Client Sample ID: GTX-SA-31

Lab Sample ID: 590-14198-11

Date Collected: 11/06/20 12:00

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Client Sample ID: GTX-SA-31

Lab Sample ID: 590-14198-11

Date Collected: 11/06/20 12:00

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.821 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 17:43	JSP	TAL SPK
Total/NA	Prep	5035			11.821 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29690	11/16/20 17:43	JSP	TAL SPK
Total/NA	Prep	3550C			15.05 g	5 mL	29677	11/12/20 16:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/13/20 02:44	NMI	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

Accreditation/Certification Summary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NWTPH-Dx	3550C	Solid	Residual Range Organics (RRO) (C25-C36)

Eurofins TestAmerica, Spokane

Method Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3550C	Ultrasonic Extraction	SW846	TAL SPK
5035	Closed System Purge and Trap	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

TestAmerica

TestAmerica Laboratories, Inc.

1 of 1 calls

For Lab Use Only:

Lab Sampling:	
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Job / SOG No.: _____

Sample Specific notes:

1000

FILE NO. 100-100000

[illegible]

3 DAY RUSH

100

--	--

 ed longer than 1 month) |

Month

Therm ID No. 116026

WV 100
Date/Time 10-11-15

Duration: _____

C-101-002, Rev. 4.16, dated 3/20/2011

101

Login Sample Receipt Checklist

Client: Able Clean-Up Technologies, Inc

Job Number: 590-14198-1



Login Number: 14198

List Number: 1

Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

		Environment Testing America	1
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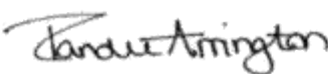
ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-14198-2
Client Project/Site: GTX/Three Star Real Estate

For:
Able Clean-Up Technologies, Inc
5308 N Myrtle St.
PO BOX 6185
Spokane, Washington 99217

Attn: Kipp E Silver




Authorized for release by:
11/11/2020 12:20:52 PM
Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

..... LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Laboratory Job ID: 590-14198-2

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Case Narrative

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Job ID: 590-14198-2

Laboratory: Eurofins TestAmerica, Spokane

Narrative**Receipt**

The samples were received on 11/6/2020 4:50 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: Detected hydrocarbons in the diesel range appear to be due to heavily weathered diesel in the following sample: GTX-SA-29 (590-14198-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14198-7	GTX-SA-27	Solid	11/05/20 13:15	11/06/20 16:50	
590-14198-9	GTX-SA-29	Solid	11/05/20 15:00	11/06/20 16:50	

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Eurofins TestAmerica, Spokane

Definitions/Glossary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
as	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Client Sample ID: GTX-SA-27

Lab Sample ID: 590-14198-7

Date Collected: 11/05/20 13:15

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.0

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg	⊖	11/09/20 11:19	11/09/20 19:41	1
Ethylbenzene	ND		0.10		mg/Kg	⊖	11/09/20 11:19	11/09/20 19:41	1
m,p-Xylene	ND		0.40		mg/Kg	⊖	11/09/20 11:19	11/09/20 19:41	1
o-Xylene	ND		0.20		mg/Kg	⊖	11/09/20 11:19	11/09/20 19:41	1
Toluene	ND		0.10		mg/Kg	⊖	11/09/20 11:19	11/09/20 19:41	1
Xylenes, Total	ND		0.61		mg/Kg	⊖	11/09/20 11:19	11/09/20 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		75 - 129	11/09/20 11:19	11/09/20 19:41	1
4-Bromofluorobenzene (Surr)	93		76 - 122	11/09/20 11:19	11/09/20 19:41	1
Dibromofluoromethane (Surr)	108		80 - 120	11/09/20 11:19	11/09/20 19:41	1
Toluene-d8 (Surr)	96		80 - 120	11/09/20 11:19	11/09/20 19:41	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.1		mg/Kg	⊖	11/09/20 11:19	11/09/20 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		41.5 - 162	11/09/20 11:19	11/09/20 19:41	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg	⊖	11/09/20 16:53	11/09/20 20:22	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	⊖	11/09/20 16:53	11/09/20 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	11/09/20 16:53	11/09/20 20:22	1
n-Triacontane-d62	96		50 - 150	11/09/20 16:53	11/09/20 20:22	1

Client Sample ID: GTX-SA-29

Lab Sample ID: 590-14198-9

Date Collected: 11/05/20 15:00

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg	⊖	11/09/20 11:19	11/09/20 20:02	1
Ethylbenzene	ND		0.10		mg/Kg	⊖	11/09/20 11:19	11/09/20 20:02	1
m,p-Xylene	ND		0.41		mg/Kg	⊖	11/09/20 11:19	11/09/20 20:02	1
o-Xylene	ND		0.20		mg/Kg	⊖	11/09/20 11:19	11/09/20 20:02	1
Toluene	ND		0.10		mg/Kg	⊖	11/09/20 11:19	11/09/20 20:02	1
Xylenes, Total	ND		0.61		mg/Kg	⊖	11/09/20 11:19	11/09/20 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 129	11/09/20 11:19	11/09/20 20:02	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/09/20 11:19	11/09/20 20:02	1
Dibromofluoromethane (Surr)	107		80 - 120	11/09/20 11:19	11/09/20 20:02	1
Toluene-d8 (Surr)	94		80 - 120	11/09/20 11:19	11/09/20 20:02	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Client Sample ID: GTX-SA-29

Lab Sample ID: 590-14198-9

Date Collected: 11/05/20 15:00

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.2

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	11		10		mg/Kg	⊗	11/09/20 16:53	11/09/20 21:03	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	⊗	11/09/20 16:53	11/09/20 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	81		50 - 150				11/09/20 16:53	11/09/20 21:03	1
<i>n</i> -Triacontane-d62	90		50 - 150				11/09/20 16:53	11/09/20 21:03	1

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-29629/1-A
Matrix: Solid
Analysis Batch: 29625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29629

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
Ethylbenzene	ND		0.10		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
m,p-Xylene	ND		0.40		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
o-Xylene	ND		0.20		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
Toluene	ND		0.10		mg/Kg		11/09/20 11:18	11/09/20 11:47	1
Xylenes, Total	ND		0.60		mg/Kg		11/09/20 11:18	11/09/20 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		75 - 129	11/09/20 11:18	11/09/20 11:47	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/09/20 11:18	11/09/20 11:47	1
Dibromofluoromethane (Surr)	104		80 - 120	11/09/20 11:18	11/09/20 11:47	1
Toluene-d8 (Surr)	97		80 - 120	11/09/20 11:18	11/09/20 11:47	1

Lab Sample ID: LCS 590-29629/2-A
Matrix: Solid
Analysis Batch: 29625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29629

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.500	0.504		mg/Kg		101	76 - 129
Ethylbenzene	0.500	0.507		mg/Kg		101	77 - 133
m,p-Xylene	0.500	0.511		mg/Kg		102	78 - 130
o-Xylene	0.500	0.491		mg/Kg		98	77 - 129
Toluene	0.500	0.514		mg/Kg		103	77 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		75 - 129
4-Bromofluorobenzene (Surr)	94		76 - 122
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	91		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-29629/1-A
Matrix: Solid
Analysis Batch: 29624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29629

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0		mg/Kg		11/09/20 11:18	11/09/20 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		41.5 - 162	11/09/20 11:18	11/09/20 11:47	1

Lab Sample ID: LCS 590-29629/3-A
Matrix: Solid
Analysis Batch: 29624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29629

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	50.0	60.8		mg/Kg		122	74.4 - 124

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		41.5 - 162

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-29636/1-A
 Matrix: Solid
 Analysis Batch: 29635

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg		11/09/20 16:53	11/09/20 18:59	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		11/09/20 16:53	11/09/20 18:59	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150				11/09/20 16:53	11/09/20 18:59	1
n-Triscontane-d62	90		50 - 150				11/09/20 16:53	11/09/20 18:59	1

Lab Sample ID: LCS 590-29636/2-A
 Matrix: Solid
 Analysis Batch: 29635

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 29636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	58.1		mg/Kg		87	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	58.1		mg/Kg		87	50 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	91		50 - 150				
n-Triscontane-d62	97		50 - 150				

Lab Sample ID: 590-14198-7 DU
 Matrix: Solid
 Analysis Batch: 29635

Client Sample ID: GTX-SA-27
 Prep Type: Total/NA
 Prep Batch: 29636

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	ND		ND		mg/Kg	⊙	NC	40
Residual Range Organics (RRO) (C25-C36)	ND		ND		mg/Kg	⊙	NC	40
Surrogate	DU %Recovery	DU Qualifier	Limits					
o-Terphenyl	84		50 - 150					
n-Triscontane-d62	92		50 - 150					

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Client Sample ID: GTX-SA-27

Lab Sample ID: 590-14198-7

Date Collected: 11/05/20 13:15

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29637	11/09/20 17:40	NMI	TAL SPK

Client Sample ID: GTX-SA-27

Lab Sample ID: 590-14198-7

Date Collected: 11/05/20 13:15

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.745 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 19:41	JSP	TAL SPK
Total/NA	Prep	5035			10.745 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29624	11/09/20 19:41	JSP	TAL SPK
Total/NA	Prep	3550C			15.54 g	5 mL	29636	11/09/20 16:53	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29635	11/09/20 20:22	NMI	TAL SPK

Client Sample ID: GTX-SA-29

Lab Sample ID: 590-14198-9

Date Collected: 11/05/20 15:00

Matrix: Solid

Date Received: 11/06/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29637	11/09/20 17:40	NMI	TAL SPK

Client Sample ID: GTX-SA-29

Lab Sample ID: 590-14198-9

Date Collected: 11/05/20 15:00

Matrix: Solid

Date Received: 11/06/20 16:50

Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.871 g	10 mL	29629	11/09/20 11:19	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29625	11/09/20 20:02	JSP	TAL SPK
Total/NA	Prep	3550C			15.46 g	5 mL	29636	11/09/20 16:53	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29635	11/09/20 21:03	NMI	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

Accreditation/Certification Summary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NWTPH-Dx	3550C	Solid	Residual Range Organics (RRO) (C25-C36)

Eurofins TestAmerica, Spokane

Method Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14198-2

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3550C	Ultrasonic Extraction	SW846	TAL SPK
5035	Closed System Purge and Trap	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

1 2 3 4 5 6 7 8 9 10 11 12

TestAmerica Spokane

11922 E 1st Avenue

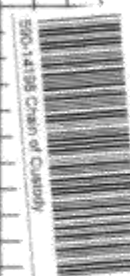
Spokane, WA 99206-5302
phone 509 824 9200 fax 509 924 1026

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

11/11/2020

Client Contact Able Cleanup Technologies Inc. 4117 E. Holbrook Ave. Spokane, WA 99217 509 487-9255 509 487-9810 Project Name: GTX/Three Star Rural Estate Site: 18724 E. Camels Ave. Spokane Valley, WA P.O. # 200402		Regulatory Program: <input type="checkbox"/> SW <input type="checkbox"/> RCRA <input type="checkbox"/> Other		Project Manager: Kipp Silver Tailor #00491-9442 Analysis Turnaround Time <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Kipp Silver Date: 11/5/2020 Carrier: Able Cleanup		QC No.: _____ of _____ COCs Sampler: Kipp Silver For Lab Use Only: Weak in Client: Lab Sampling: Job / SDG No.:					
Sample Identification		Sample Date	Sample Time	Sample Type (Soils, Sediment, Water, etc.)	Matrix	# of Containers	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	WTPH-Gx	BTEX	Total Lead	WTPH-Gx	Sample Specific Notes:
GTX-SA-21	11/5/20	9:50	G	S		3			X				
GTX-SA-22	11/5/20	10:30	G	S		3			X				
GTX-SA-23	11/5/20	10:50	G	S		3			X				
GTX-SA-24	11/5/20	10:55	G	S		3			X				
GTX-SA-25	11/5/20	11:05	G	S		3			X				
GTX-SA-26	11/5/20	11:45	G	S		3			X				
GTX-SA-27	11/5/20	11:50	G	S		3			X				
GTX-SA-28	11/5/20	12:40	G	S		3			X				
GTX-SA-29	11/5/20	15:00	G	S		3			X				
GTX-SA-30	11/5/20	15:31	G	S		3			X				
GTX-SA-31	11/5/20	16:00	G	S		3			X				



SDG-14798 Chain of Custody

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seal Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Requisitioned by: Kipp Silver Requisitioned by: [Signature] Requisitioned by: [Signature]	Custody Seal No.: Company: Able Cleanup Tech Company: AT Date/Time: 11/5/20 16:00 Date/Time: 11/5/20 16:00 Date/Time: 11/11/20 16:50	Received by: [Signature] Received by: [Signature] Received by: [Signature]	Company: [Signature] Company: [Signature] Company: [Signature]
--	---	---	---

Login Sample Receipt Checklist

Client: Able Clean-Up Technologies, Inc

Job Number: 590-14198-2

Login Number: 14198

List Source: Eurofins TestAmerica, Spokane

List Number: 1

Creator: O'Toole, Maria C

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.



eurofins

Environment Testing
America

ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-14209-1
Client Project/Site: GTX/Three Star Real Estate

For:
Able Clean-Up Technologies, Inc
5308 N Myrtle St.
PO BOX 6185
Spokane, Washington 99217

Attn: Kipp E Silver

Authorized for release by:
11/17/2020 2:24:20 PM
Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

LINKS

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results through
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The
Expert**

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Laboratory Job ID: 590-14209-1

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Case Narrative

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Job ID: 590-14209-1

Laboratory: Eurofins TestAmerica, Spokane

Narrative**Receipt**

The samples were received on 11/10/2020 12:03 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: Detected hydrocarbons appear to be due to heavily weathered diesel in the following sample: GTX-SA-36 (590-14209-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14209-1	GTX-SA-32	Solid	11/09/20 09:30	11/10/20 12:03	
590-14209-2	GTX-SA-33	Solid	11/09/20 09:55	11/10/20 12:03	
590-14209-3	GTX-SA-34	Solid	11/09/20 10:15	11/10/20 12:03	
590-14209-5	GTX-SA-36	Solid	11/09/20 16:15	11/10/20 12:03	

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Eurofins TestAmerica, Spokane

Definitions/Glossary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
as	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Client Sample ID: GTX-SA-32

Lab Sample ID: 590-14209-1

Date Collected: 11/09/20 09:30

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 95.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	Q	11/16/20 10:25	11/16/20 18:45	1
Ethylbenzene	ND		0.10		mg/Kg	Q	11/16/20 10:25	11/16/20 18:45	1
m,p-Xylene	ND		0.42		mg/Kg	Q	11/16/20 10:25	11/16/20 18:45	1
o-Xylene	ND		0.21		mg/Kg	Q	11/16/20 10:25	11/16/20 18:45	1
Toluene	ND		0.10		mg/Kg	Q	11/16/20 10:25	11/16/20 18:45	1
Xylenes, Total	ND		0.63		mg/Kg	Q	11/16/20 10:25	11/16/20 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 129	11/16/20 10:25	11/16/20 18:45	1
4-Bromofluorobenzene (Surr)	102		76 - 122	11/16/20 10:25	11/16/20 18:45	1
Dibromofluoromethane (Surr)	104		80 - 120	11/16/20 10:25	11/16/20 18:45	1
Toluene-d8 (Surr)	98		80 - 120	11/16/20 10:25	11/16/20 18:45	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	ND		10		mg/Kg	Q	11/12/20 11:10	11/12/20 13:25	1
(C10-C25)									
Residual Range Organics (RRO)	ND		26		mg/Kg	Q	11/12/20 11:10	11/12/20 13:25	1
(C25-C36)									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	11/12/20 11:10	11/12/20 13:25	1
n-Triacontane-d62	90		50 - 150	11/12/20 11:10	11/12/20 13:25	1

Client Sample ID: GTX-SA-33

Lab Sample ID: 590-14209-2

Date Collected: 11/09/20 09:55

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 96.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg	Q	11/16/20 10:25	11/16/20 19:06	1
Ethylbenzene	ND		0.11		mg/Kg	Q	11/16/20 10:25	11/16/20 19:06	1
m,p-Xylene	ND		0.44		mg/Kg	Q	11/16/20 10:25	11/16/20 19:06	1
o-Xylene	ND		0.22		mg/Kg	Q	11/16/20 10:25	11/16/20 19:06	1
Toluene	ND		0.11		mg/Kg	Q	11/16/20 10:25	11/16/20 19:06	1
Xylenes, Total	ND		0.66		mg/Kg	Q	11/16/20 10:25	11/16/20 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 129	11/16/20 10:25	11/16/20 19:06	1
4-Bromofluorobenzene (Surr)	103		76 - 122	11/16/20 10:25	11/16/20 19:06	1
Dibromofluoromethane (Surr)	104		80 - 120	11/16/20 10:25	11/16/20 19:06	1
Toluene-d8 (Surr)	100		80 - 120	11/16/20 10:25	11/16/20 19:06	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.5		mg/Kg	Q	11/16/20 10:25	11/16/20 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		41.5 - 162	11/16/20 10:25	11/16/20 19:06	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Client Sample ID: GTX-SA-33

Lab Sample ID: 590-14209-2

Date Collected: 11/09/20 09:55

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 96.7

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg	⊗	11/12/20 11:10	11/12/20 13:46	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	⊗	11/12/20 11:10	11/12/20 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	87		50 - 150				11/12/20 11:10	11/12/20 13:46	1
<i>n</i> -Triacontane-d62	94		50 - 150				11/12/20 11:10	11/12/20 13:46	1

Client Sample ID: GTX-SA-34

Lab Sample ID: 590-14209-3

Date Collected: 11/09/20 10:15

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 95.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	⊗	11/16/20 10:25	11/16/20 19:48	1
Ethylbenzene	ND		0.11		mg/Kg	⊗	11/16/20 10:25	11/16/20 19:48	1
<i>m,p</i> -Xylene	ND		0.42		mg/Kg	⊗	11/16/20 10:25	11/16/20 19:48	1
<i>o</i> -Xylene	ND		0.21		mg/Kg	⊗	11/16/20 10:25	11/16/20 19:48	1
Toluene	ND		0.11		mg/Kg	⊗	11/16/20 10:25	11/16/20 19:48	1
Xylenes, Total	ND		0.63		mg/Kg	⊗	11/16/20 10:25	11/16/20 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Sur)	105		75 - 129				11/16/20 10:25	11/16/20 19:48	1
4-Bromofluorobenzene (Sur)	103		76 - 122				11/16/20 10:25	11/16/20 19:48	1
Dibromofluoromethane (Sur)	104		80 - 120				11/16/20 10:25	11/16/20 19:48	1
Toluene-d8 (Sur)	100		80 - 120				11/16/20 10:25	11/16/20 19:48	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg	⊗	11/12/20 11:10	11/12/20 14:07	1
Residual Range Organics (RRO) (C25-C36)	ND		26		mg/Kg	⊗	11/12/20 11:10	11/12/20 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	81		50 - 150				11/12/20 11:10	11/12/20 14:07	1
<i>n</i> -Triacontane-d62	90		50 - 150				11/12/20 11:10	11/12/20 14:07	1

Client Sample ID: GTX-SA-36

Lab Sample ID: 590-14209-5

Date Collected: 11/09/20 16:15

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 95.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	⊗	11/16/20 10:25	11/16/20 20:09	1
Ethylbenzene	ND		0.11		mg/Kg	⊗	11/16/20 10:25	11/16/20 20:09	1
<i>m,p</i> -Xylene	ND		0.42		mg/Kg	⊗	11/16/20 10:25	11/16/20 20:09	1
<i>o</i> -Xylene	ND		0.21		mg/Kg	⊗	11/16/20 10:25	11/16/20 20:09	1
Toluene	ND		0.11		mg/Kg	⊗	11/16/20 10:25	11/16/20 20:09	1
Xylenes, Total	ND		0.63		mg/Kg	⊗	11/16/20 10:25	11/16/20 20:09	1

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Client Sample ID: GTX-SA-36

Lab Sample ID: 590-14209-5

Date Collected: 11/09/20 16:15

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 95.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 129	11/16/20 10:25	11/16/20 20:09	1
4-Bromofluorobenzene (Surr)	105		76 - 122	11/16/20 10:25	11/16/20 20:09	1
Dibromofluoromethane (Surr)	104		80 - 120	11/16/20 10:25	11/16/20 20:09	1
Toluene-d8 (Surr)	101		80 - 120	11/16/20 10:25	11/16/20 20:09	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.3		mg/Kg	o	11/16/20 10:25	11/16/20 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		41.5 - 162	11/16/20 10:25	11/16/20 20:09	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	100		10		mg/Kg	o	11/12/20 11:10	11/12/20 14:48	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	o	11/12/20 11:10	11/12/20 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	100		50 - 150	11/12/20 11:10	11/12/20 14:48	1
n-Triacontane-d62	94		50 - 150	11/12/20 11:10	11/12/20 14:48	1

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-29689/1-A
Matrix: Solid
Analysis Batch: 29691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
Ethylbenzene	ND		0.10		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
m,p-Xylene	ND		0.40		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
o-Xylene	ND		0.20		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
Toluene	ND		0.10		mg/Kg		11/16/20 10:24	11/16/20 12:13	1
Xylenes, Total	ND		0.60		mg/Kg		11/16/20 10:24	11/16/20 12:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 129	11/16/20 10:24	11/16/20 12:13	1
4-Bromofluorobenzene (Surr)	106		76 - 122	11/16/20 10:24	11/16/20 12:13	1
Dibromofluoromethane (Surr)	105		80 - 120	11/16/20 10:24	11/16/20 12:13	1
Toluene-d8 (Surr)	99		80 - 120	11/16/20 10:24	11/16/20 12:13	1

Lab Sample ID: LCS 590-29689/2-A
Matrix: Solid
Analysis Batch: 29691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.500	0.518		mg/Kg		104	76 - 129
Ethylbenzene	0.500	0.507		mg/Kg		101	77 - 133
m,p-Xylene	0.500	0.503		mg/Kg		101	78 - 130
o-Xylene	0.500	0.500		mg/Kg		100	77 - 129
Toluene	0.500	0.490		mg/Kg		98	77 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 129
4-Bromofluorobenzene (Surr)	107		76 - 122
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-29689/1-A
Matrix: Solid
Analysis Batch: 29690

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0		mg/Kg		11/16/20 10:24	11/16/20 12:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		41.5 - 162	11/16/20 10:24	11/16/20 12:13	1

Lab Sample ID: LCS 590-29689/3-A
Matrix: Solid
Analysis Batch: 29690

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	50.0	58.8		mg/Kg		118	74.4 - 124

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		41.5 - 162

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-29672/1-A
 Matrix: Solid
 Analysis Batch: 29670

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29672

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND	Qualifier	10		mg/Kg		11/12/20 11:10	11/12/20 12:24	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		11/12/20 11:10	11/12/20 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150				11/12/20 11:10	11/12/20 12:24	1
n-Triscontane-d62	88		50 - 150				11/12/20 11:10	11/12/20 12:24	1

Lab Sample ID: LCS 590-29672/2-A
 Matrix: Solid
 Analysis Batch: 29670

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 29672

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	54.0	Qualifier	mg/Kg		81	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	56.1		mg/Kg		84	50 - 150
Surrogate	LCS	LCS					
o-Terphenyl	88		Qualifier				50 - 150
n-Triscontane-d62	94						50 - 150

Lab Sample ID: 590-14209-1 DU
 Matrix: Solid
 Analysis Batch: 29670

Client Sample ID: GTX-SA-32
 Prep Type: Total/NA
 Prep Batch: 29672

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics (DRO) (C10-C25)	ND		ND		mg/Kg	⊙	NC	40
Residual Range Organics (RRO) (C25-C36)	ND		ND		mg/Kg	⊙	NC	40
Surrogate	DU	DU						
o-Terphenyl	81		Qualifier					50 - 150
n-Triscontane-d62	89							50 - 150

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Client Sample ID: GTX-SA-32

Lab Sample ID: 590-14209-1

Date Collected: 11/09/20 09:30

Matrix: Solid

Date Received: 11/10/20 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-32

Lab Sample ID: 590-14209-1

Date Collected: 11/09/20 09:30

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.454 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 18:45	JSP	TAL SPK
Total/NA	Prep	3550C			15.33 g	5 mL	29672	11/12/20 11:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/12/20 13:25	NMI	TAL SPK

Client Sample ID: GTX-SA-33

Lab Sample ID: 590-14209-2

Date Collected: 11/09/20 09:55

Matrix: Solid

Date Received: 11/10/20 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-33

Lab Sample ID: 590-14209-2

Date Collected: 11/09/20 09:55

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.645 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 19:06	JSP	TAL SPK
Total/NA	Prep	5035			9.645 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29690	11/16/20 19:06	JSP	TAL SPK
Total/NA	Prep	3550C			15.29 g	5 mL	29672	11/12/20 11:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/12/20 13:46	NMI	TAL SPK

Client Sample ID: GTX-SA-34

Lab Sample ID: 590-14209-3

Date Collected: 11/09/20 10:15

Matrix: Solid

Date Received: 11/10/20 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-34

Lab Sample ID: 590-14209-3

Date Collected: 11/09/20 10:15

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.497 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 19:48	JSP	TAL SPK

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Client Sample ID: GTX-SA-34

Lab Sample ID: 590-14209-3

Date Collected: 11/09/20 10:15

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.43 g	5 mL	29672	11/12/20 11:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/12/20 14:07	NMI	TAL SPK

Client Sample ID: GTX-SA-36

Lab Sample ID: 590-14209-5

Date Collected: 11/09/20 16:15

Matrix: Solid

Date Received: 11/10/20 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-36

Lab Sample ID: 590-14209-5

Date Collected: 11/09/20 16:15

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.367 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29691	11/16/20 20:09	JSP	TAL SPK
Total/NA	Prep	5035			10.367 g	10 mL	29689	11/16/20 10:25	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29690	11/16/20 20:09	JSP	TAL SPK
Total/NA	Prep	3550C			15.71 g	5 mL	29672	11/12/20 11:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			29670	11/12/20 14:48	NMI	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

Accreditation/Certification Summary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NWTPH-Dx	3550C	Solid	Residual Range Organics (RRO) (C25-C36)

Eurofins TestAmerica, Spokane

Method Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3550C	Ultrasonic Extraction	SW846	TAL SPK
5035	Closed System Purge and Trap	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

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TestAmerica Spokane
11922 E 1st Avenue

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Spokane, WA 99208-5302
Phone 509.924.9200 Fax 509.924.9290

Regulatory Program: ☐ CER ☐ RCRA ☐ CCR

TestAmerica Laboratories, Inc.

Client Contact
Able Cleanup Technologies Inc.
4117 E. Nehalem Ave.
Spokane, WA 99217
509.466.6255
509.467.9810

Project Manager: Kipp Silver
Tel/Fax: 509.991.8442

Site Contact: Kipp Silver

Date: 11/9/2020

Carrier: Able Cleanup

COC No.: 1 of 1 COCs

Analysis Turnaround Time
☐ CALIBRATED DAYS ☐ WORKING DAYS
TAT is defined from below:
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Sample Identification

Filtered Sample (Y / N)
Perform MS / MSD (Y / N)
WTPH-Gx
BTEX
Total Lead
WTPH-Dx

Sample Specific Notes:

Sampler: Kipp Silver
For Lab Use Only:
Wink-in Client:
Lab Sampling:
Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (Screen, grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	WTPH-Gx	BTEX	Total Lead	WTPH-Dx	Sample Specific Notes
GTX-SA-32	11/9/20	9:30	G	S	3			X	X	X	X	
GTX-SA-33	11/9/20	9:55	G	S	3			X	X	X	X	
GTX-SA-34	11/9/20	10:15	G	S	3			X	X	X	X	
GTX-SA-35	11/9/20	3:15	G	S	3			X	X	X	X	3 day nuth
GTX-SA-36	11/9/20	4:15	G	S	3			X	X	X	X	



509-14209 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other
Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please list any EPA Waste Codes for the sample in the Comments Section if this has to be disposed of the sample.

Sample Disposal: (A fee may be assessed if samples are retained longer than 1 month)

Special Instructions/OC Requirements & Comments:

☐ Return to Client ☐ Disposed by Lab ☐ Analyzed by

Custody Seal Intact	<input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Carrier Temp (C): Obs'd 5 1 Cor'd: 5 3	Therm ID No.: 11/17/20
Relinquished by: Kipp Silver	Company: Able Cleanup Tech	Date/Time: 11/9/20	Received by: W. Silva	Company: W. Silva
Relinquished by:	Company:	Date/Time:	Received by:	Company:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:

Login Sample Receipt Checklist

Client: Able Clean-Up Technologies, Inc

Job Number: 590-14209-1

Login Number: 14209

List Number: 1

Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Eurofins TestAmerica, Spokane

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11/17/2020



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Environment Testing
America

ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory job ID: 590-14209-2
Client Project/Site: GTX/Three Star Real Estate

For:
Able Clean-Up Technologies, Inc
5308 N Myrtle St.
PO BOX 6185
Spokane, Washington 99217

Attn: Kipp E Silver

Authorized for release by:
11/13/2020 8:45:28 AM
Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

LINKS

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results through
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The
Expert**

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Laboratory Job ID: 590-14209-2

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Case Narrative

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Job ID: 590-14209-2

Laboratory: Eurofins TestAmerica, Spokane

Narrative**Receipt**

The samples were received on 11/10/2020 12:03 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: Surrogate recovery for the following sample was outside control limits: GTX-SA-35 (590-14209-4). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14209-4	GTX-SA-35	Solid	11/09/20 15:15	11/10/20 12:03	

- 1
- 2
- 3
- 4
- 5
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- 7
- 8
- 9
- 10
- 11
- 12

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Definitions/Glossary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate recovery exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
=	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL, or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Client Sample ID: GTX-SA-35

Lab Sample ID: 590-14209-4

Date Collected: 11/09/20 15:15

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 94.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg	⊖	11/11/20 13:31	11/11/20 16:21	1
Ethylbenzene	ND		0.10		mg/Kg	⊖	11/11/20 13:31	11/11/20 16:21	1
m,p-Xylene	ND		0.41		mg/Kg	⊖	11/11/20 13:31	11/11/20 16:21	1
o-Xylene	ND		0.21		mg/Kg	⊖	11/11/20 13:31	11/11/20 16:21	1
Toluene	ND		0.10		mg/Kg	⊖	11/11/20 13:31	11/11/20 16:21	1
Xylenes, Total	ND		0.62		mg/Kg	⊖	11/11/20 13:31	11/11/20 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 129	11/11/20 13:31	11/11/20 16:21	1
4-Bromofluorobenzene (Surr)	95		76 - 122	11/11/20 13:31	11/11/20 16:21	1
Dibromofluoromethane (Surr)	107		80 - 120	11/11/20 13:31	11/11/20 16:21	1
Toluene-d8 (Surr)	93		80 - 120	11/11/20 13:31	11/11/20 16:21	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	160		5.2		mg/Kg	⊖	11/11/20 13:31	11/11/20 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		41.5 - 162	11/11/20 13:31	11/11/20 16:21	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	3200		110		mg/Kg	⊖	11/12/20 11:10	11/12/20 14:27	10
Residual Range Organics (RRO) (C25-C36)	ND		260		mg/Kg	⊖	11/12/20 11:10	11/12/20 14:27	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	307	X	50 - 150	11/12/20 11:10	11/12/20 14:27	10
n-Triacontane-d62	85		50 - 150	11/12/20 11:10	11/12/20 14:27	10

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-29661/1-A
 Matrix: Solid
 Analysis Batch: 29664

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		11/11/20 13:31	11/11/20 14:56	1
Ethylbenzene	ND		0.10		mg/Kg		11/11/20 13:31	11/11/20 14:56	1
m,p-Xylene	ND		0.40		mg/Kg		11/11/20 13:31	11/11/20 14:56	1
o-Xylene	ND		0.20		mg/Kg		11/11/20 13:31	11/11/20 14:56	1
Toluene	ND		0.10		mg/Kg		11/11/20 13:31	11/11/20 14:56	1
Xylenes, Total	ND		0.60		mg/Kg		11/11/20 13:31	11/11/20 14:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		75 - 129	11/11/20 13:31	11/11/20 14:56	1
4-Bromofluorobenzene (Surr)	92		76 - 122	11/11/20 13:31	11/11/20 14:56	1
Dibromofluoromethane (Surr)	100		80 - 120	11/11/20 13:31	11/11/20 14:56	1
Toluene-d8 (Surr)	91		80 - 120	11/11/20 13:31	11/11/20 14:56	1

Lab Sample ID: LCS 590-29661/2-A
 Matrix: Solid
 Analysis Batch: 29664

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 29661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.500	0.497		mg/Kg		99	76 - 129
Ethylbenzene	0.500	0.530		mg/Kg		106	77 - 133
m,p-Xylene	0.500	0.517		mg/Kg		103	78 - 130
o-Xylene	0.500	0.500		mg/Kg		100	77 - 129
Toluene	0.500	0.492		mg/Kg		98	77 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		75 - 129
4-Bromofluorobenzene (Surr)	93		76 - 122
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-29661/1-A
 Matrix: Solid
 Analysis Batch: 29663

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0		mg/Kg		11/11/20 13:31	11/11/20 14:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		41.5 - 162	11/11/20 13:31	11/11/20 14:56	1

Lab Sample ID: LCS 590-29661/3-A
 Matrix: Solid
 Analysis Batch: 29663

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 29661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	50.0	58.9		mg/Kg		118	74.4 - 124

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QC Sample Results

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		41.5 - 162

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-29672/1-A
 Matrix: Solid
 Analysis Batch: 29670

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 29672

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND	Qualifier	10		mg/Kg		11/12/20 11:10	11/12/20 12:24	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		11/12/20 11:10	11/12/20 12:24	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81	Qualifier	50 - 150				11/12/20 11:10	11/12/20 12:24	1
n-Triscontane-d62	88		50 - 150				11/12/20 11:10	11/12/20 12:24	1

Lab Sample ID: LCS 590-29672/2-A
 Matrix: Solid
 Analysis Batch: 29670

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 29672

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
Diesel Range Organics (DRO) (C10-C25)	66.7	Result	Qualifier	mg/Kg		81	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	56.1		mg/Kg		84	50 - 150
Surrogate	LCS	LCS	Limits				
o-Terphenyl	88	Qualifier	50 - 150				
n-Triscontane-d62	94		50 - 150				

Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Client Sample ID: GTX-SA-35

Lab Sample ID: 590-14209-4

Date Collected: 11/09/20 15:15

Matrix: Solid

Date Received: 11/10/20 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29667	11/11/20 16:19	NMI	TAL SPK

Client Sample ID: GTX-SA-35

Lab Sample ID: 590-14209-4

Date Collected: 11/09/20 15:15

Matrix: Solid

Date Received: 11/10/20 12:03

Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.909 g	10 mL	29661	11/11/20 13:31	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	29664	11/11/20 16:21	JSP	TAL SPK
Total/NA	Prep	5035			10.909 g	10 mL	29661	11/11/20 13:31	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	29663	11/11/20 16:21	JSP	TAL SPK
Total/NA	Prep	3550C			15.04 g	5 mL	29672	11/12/20 11:10	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		10			29670	11/12/20 14:27	NMI	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206. TEL (509)824-9200

Eurofins TestAmerica, Spokane

Accreditation/Certification Summary

Client: Able Clean-Up Technologies, Inc
 Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NWTPH-Dx	3550C	Solid	Residual Range Organics (RRO) (C25-C36)

Eurofins TestAmerica, Spokane

Method Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: GTX/Three Star Real Estate

Job ID: 590-14209-2

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3550C	Ultrasonic Extraction	SW846	TAL SPK
5035	Closed System Purge and Trap	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

[illegible]

Login Sample Receipt Checklist

Client: Able Clean-Up Technologies, Inc

Job Number: 590-14209-2



Login Number: 14209

List Number: 1

Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

	 eurofins	Environment Testing America	1
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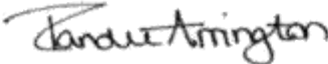
ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory job ID: 590-14441-1
Client Project/Site: Three Star Realty

For:
Able Clean-Up Technologies, Inc
5308 N Myrtle St.
PO BOX 6185
Spokane, Washington 99217


Attn: Kipp E Silver



Authorized for release by:
1/7/2021 4:30:59 PM
Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

..... LINKS

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The
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Able Clean-Up Technologies, Inc
Project/Site: Three Star Realty

Laboratory Job ID: 590-14441-1

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Case Narrative

Client: Able Clean-Up Technologies, Inc.
Project/Site: Three Star Realty

Job ID: 590-14441-1

Job ID: 590-14441-1

Laboratory: Eurofins TestAmerica, Spokane

Narrative**Receipt**

The sample was received on 1/5/2021 2:01 PM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.5° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: Detected hydrocarbons in the diesel range appear to be due to heavily weathered diesel in the following samples: GTX-SA-37 (590-14441-1) and (590-14441-A-1-A DU).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: Three Star Realty

Job ID: 590-14441-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14441-1	GTX-SA-37	Solid	01/04/21 10:42	01/05/21 14:01	

- 1
- 2
- 3
- 4
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- 10
- 11
- 12

Eurofins TestAmerica, Spokane

Definitions/Glossary

Client: Able Clean-Up Technologies, Inc.
Project/Site: Three Star Realty

Job ID: 590-14441-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
as	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Eurofins TestAmerica, Spokane

Client Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: Three Star Realty

Job ID: 590-14441-1

Client Sample ID: GTX-SA-37

Lab Sample ID: 590-14441-1

Date Collected: 01/04/21 10:42

Matrix: Solid

Date Received: 01/05/21 14:01

Percent Solids: 95.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg	Q	01/06/21 09:34	01/06/21 12:48	1
Ethylbenzene	ND		0.10		mg/Kg	Q	01/06/21 09:34	01/06/21 12:48	1
m,p-Xylene	ND		0.41		mg/Kg	Q	01/06/21 09:34	01/06/21 12:48	1
o-Xylene	ND		0.20		mg/Kg	Q	01/06/21 09:34	01/06/21 12:48	1
Toluene	ND		0.10		mg/Kg	Q	01/06/21 09:34	01/06/21 12:48	1
Xylenes, Total	ND		0.61		mg/Kg	Q	01/06/21 09:34	01/06/21 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 129	01/06/21 09:34	01/06/21 12:48	1
4-Bromofluorobenzene (Surr)	107		76 - 122	01/06/21 09:34	01/06/21 12:48	1
Dibromofluoromethane (Surr)	101		80 - 120	01/06/21 09:34	01/06/21 12:48	1
Toluene-d8 (Surr)	97		80 - 120	01/06/21 09:34	01/06/21 12:48	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.1		mg/Kg	Q	01/06/21 09:34	01/06/21 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		41.5 - 162	01/06/21 09:34	01/06/21 12:48	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	24		9.9		mg/Kg	Q	01/06/21 10:37	01/06/21 13:52	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg	Q	01/06/21 10:37	01/06/21 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150	01/06/21 10:37	01/06/21 13:52	1
n-Triacontane-d62	88		50 - 150	01/06/21 10:37	01/06/21 13:52	1

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: Three Star Realty

Job ID: 590-14441-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 590-30177/1-A
Matrix: Solid
Analysis Batch: 30179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		01/06/21 09:34	01/06/21 11:43	1
Ethylbenzene	ND		0.10		mg/Kg		01/06/21 09:34	01/06/21 11:43	1
m,p-Xylene	ND		0.40		mg/Kg		01/06/21 09:34	01/06/21 11:43	1
o-Xylene	ND		0.20		mg/Kg		01/06/21 09:34	01/06/21 11:43	1
Toluene	ND		0.10		mg/Kg		01/06/21 09:34	01/06/21 11:43	1
Xylenes, Total	ND		0.60		mg/Kg		01/06/21 09:34	01/06/21 11:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 129	01/06/21 09:34	01/06/21 11:43	1
4-Bromofluorobenzene (Surr)	99		76 - 122	01/06/21 09:34	01/06/21 11:43	1
Dibromofluoromethane (Surr)	100		80 - 120	01/06/21 09:34	01/06/21 11:43	1
Toluene-d8 (Surr)	96		80 - 120	01/06/21 09:34	01/06/21 11:43	1

Lab Sample ID: LCS 590-30177/2-A
Matrix: Solid
Analysis Batch: 30179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.500	0.540		mg/Kg		108	76 - 129
Ethylbenzene	0.500	0.510		mg/Kg		102	77 - 126
m,p-Xylene	0.500	0.490		mg/Kg		98	78 - 130
o-Xylene	0.500	0.508		mg/Kg		102	77 - 129
Toluene	0.500	0.488		mg/Kg		98	77 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 129
4-Bromofluorobenzene (Surr)	98		76 - 122
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 590-14441-1 MS
Matrix: Solid
Analysis Batch: 30179

Client Sample ID: GTX-SA-37
Prep Type: Total/NA
Prep Batch: 30177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.510	0.569		mg/Kg	⊕	112	76 - 129
Ethylbenzene	ND		0.510	0.509		mg/Kg	⊕	100	77 - 126
m,p-Xylene	ND		0.510	0.490		mg/Kg	⊕	96	78 - 130
o-Xylene	ND		0.510	0.490		mg/Kg	⊕	96	77 - 129
Toluene	ND		0.510	0.490		mg/Kg	⊕	96	77 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		75 - 129
4-Bromofluorobenzene (Surr)	102		76 - 122
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	90		80 - 120

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc
Project/Site: Three Star Realty

Job ID: 590-14441-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 590-14441-1 MSD

Matrix: Solid

Analysis Batch: 30179

Client Sample ID: GTX-SA-37

Prep Type: Total/NA

Prep Batch: 30177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.510	0.603		mg/Kg	⊕	118	76 - 129	6	25
Ethylbenzene	ND		0.510	0.550		mg/Kg	⊕	108	77 - 126	8	25
m,p-Xylene	ND		0.510	0.525		mg/Kg	⊕	103	78 - 130	7	23
o-Xylene	ND		0.510	0.549		mg/Kg	⊕	108	77 - 129	11	25
Toluene	ND		0.510	0.543		mg/Kg	⊕	106	77 - 131	10	25

Surrogate	%Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 129
4-Bromofluorobenzene (Surr)	104		76 - 122
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 590-14441-1 DU

Matrix: Solid

Analysis Batch: 30179

Client Sample ID: GTX-SA-37

Prep Type: Total/NA

Prep Batch: 30177

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Benzene	ND		ND		mg/Kg	⊕	NC	25
Ethylbenzene	ND		ND		mg/Kg	⊕	NC	25
m,p-Xylene	ND		ND		mg/Kg	⊕	NC	23
o-Xylene	ND		ND		mg/Kg	⊕	NC	25
Toluene	ND		ND		mg/Kg	⊕	NC	25
Xylenes, Total	ND		ND		mg/Kg	⊕	NC	25

Surrogate	%Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 129
4-Bromofluorobenzene (Surr)	106		76 - 122
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-30177/1-A

Matrix: Solid

Analysis Batch: 30178

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.0		mg/Kg		01/06/21 09:34	01/06/21 11:43	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		41.5 - 162	01/06/21 09:34	01/06/21 11:43	1

Lab Sample ID: LCS 590-30177/3-A

Matrix: Solid

Analysis Batch: 30178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	50.0	57.8		mg/Kg		116	74.4 - 124

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: Three Star Realty

Job ID: 590-14441-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		41.5 - 162

Lab Sample ID: 590-14441-1 DU
Matrix: Solid
Analysis Batch: 30178

Client Sample ID: GTX-SA-37
Prep Type: Total/NA
Prep Batch: 30177

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Gasoline	ND		ND		mg/Kg	0	NC	32.3

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		41.5 - 162

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 590-30182/1-A
Matrix: Solid
Analysis Batch: 30180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO) (C10-C25)	ND		10		mg/Kg		01/06/21 10:37	01/06/21 12:51	1
Residual Range Organics (RRO) (C25-C36)	ND		25		mg/Kg		01/06/21 10:37	01/06/21 12:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	01/06/21 10:37	01/06/21 12:51	1
n-Triscontane-d62	80		50 - 150	01/06/21 10:37	01/06/21 12:51	1

Lab Sample ID: LCS 590-30182/2-A
Matrix: Solid
Analysis Batch: 30180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30182

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Rec. Limits
Diesel Range Organics (DRO) (C10-C25)	66.7	65.0		mg/Kg		98	50 - 150
Residual Range Organics (RRO) (C25-C36)	66.7	69.4		mg/Kg		104	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	98		50 - 150
n-Triscontane-d62	102		50 - 150

Lab Sample ID: 590-14441-1 DU
Matrix: Solid
Analysis Batch: 30180

Client Sample ID: GTX-SA-37
Prep Type: Total/NA
Prep Batch: 30182

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Diesel Range Organics (DRO) (C10-C25)	24		31.9		mg/Kg	0	30	40
Residual Range Organics (RRO) (C25-C36)	ND		ND		mg/Kg	0	NC	40

Eurofins TestAmerica, Spokane

QC Sample Results

Client: Able Clean-Up Technologies, Inc.
Project/Site: Three Star Realty

Job ID: 590-14441-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: 590-14441-1 DU

Matrix: Solid

Analysis Batch: 30180

Client Sample ID: GTX-SA-37

Prep Type: Total/NA

Prep Batch: 30182

Surrogate	<i>DU</i> <i>DU</i> %Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	90		50 - 150
<i>n</i> -Triacontane-d52	86		50 - 150

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Eurofins TestAmerica, Spokane

Lab Chronicle

Client: Able Clean-Up Technologies, Inc.
Project/Site: Three Star Realty

Job ID: 590-14441-1

Client Sample ID: GTX-SA-37

Lab Sample ID: 590-14441-1

Date Collected: 01/04/21 10:42

Matrix: Solid

Date Received: 01/05/21 14:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			30184	01/06/21 12:58	NMI	TAL SPK

Client Sample ID: GTX-SA-37

Lab Sample ID: 590-14441-1

Date Collected: 01/04/21 10:42

Matrix: Solid

Date Received: 01/05/21 14:01

Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.781 g	10 mL	30177	01/06/21 09:34	JSP	TAL SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	30179	01/06/21 12:48	JSP	TAL SPK
Total/NA	Prep	5035			10.781 g	10 mL	30177	01/06/21 09:34	JSP	TAL SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	30178	01/06/21 12:48	JSP	TAL SPK
Total/NA	Prep	3550C			15.87 g	5 mL	30182	01/06/21 10:37	NMI	TAL SPK
Total/NA	Analysis	NWTPH-Dx		1			30180	01/06/21 13:52	NMI	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206. TEL (509)824-9200

Eurofins TestAmerica, Spokane

Accreditation/Certification Summary

Client: Able Clean-Up Technologies, Inc
 Project/Site: Three Star Realty

Job ID: 590-14441-1

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NWTPH-Dx	3550C	Solid	Residual Range Organics (RRO) (C25-C36)

Eurofins TestAmerica, Spokane

Method Summary

Client: Able Clean-Up Technologies, Inc
Project/Site: Three Star Realty

Job ID: 590-14441-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	TAL SPK
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3550C	Ultrasonic Extraction	SW846	TAL SPK
5035	Closed System Purge and Trap	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins TestAmerica, Spokane

590-14461 Chain of Custody

Login Sample Receipt Checklist

Client: Able Clean-Up Technologies, Inc

Job Number: 590-14441-1

Login Number: 14441

List Number: 1

Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Attachment II

Washington State Department of Ecology 30 Day Notice, Site Assessment Checklist, and Permanent Closure Notice



30-DAY NOTICE FOR UNDERGROUND STORAGE TANK SYSTEMS

This form provides Ecology 30-days' advanced notice for projects, as required by Chapter 173-360A WAC. Instructions are on the back page.

UST ID #: _____

County: _____

Please ✓ the appropriate box: ☐ Intent to Install ☒ Intent to Close ☐ Change-in-Service

I. SITE INFORMATION			II. OWNER/OPERATOR INFORMATION		
Tag or UBI # (if applicable): A3323			Owner/Operator Name: 3 Star Realstate Investment LLC		
UST ID # (if applicable): 97570			Business Name: Gurchait S. Bains & Kulwant Singh		
Site Name: GTX			Mailing Address: 1301 S. Havana Street		
Site Address: 18723 E. Cataldo Ave.			City: Spokane	State: WA	Zip: 99202
City: Spokane Valley			Phone: 509-294-3942		
Phone: 509-294-3942			Email:		
III. CERTIFIED SERVICE PROVIDER(S)					
Check the appropriate boxes. If more than one service provider is required for this project, fill out both sections.					
Note: Individuals performing UST services MUST be ICC-certified or have passed another qualifying exam approved by the Department of Ecology.					
1) <input type="checkbox"/> Installer <input checked="" type="checkbox"/> Decommissioner <input type="checkbox"/> Site Assessor					
Company Name: Able Cleanup Tech. Inc			Certification Type: ICC		
Service Provider Name: Kipp Silver			Cert. No.: 1059338	Exp. Date: 11/13/2020	
Provider Phone: 509-466-5255			Provider Email: ksilver@ablecleanup.com		
2) <input type="checkbox"/> Installer <input type="checkbox"/> Decommissioner <input checked="" type="checkbox"/> Site Assessor					
Company Name: Able Cleanup Tech. Inc.			Certification Type: ICC		
Service Provider Name: Kipp Silver			Cert. No.: 1059338	Exp. Date: 12/3/2020	
Provider Phone: 509-466-5255			Provider Email: ksilver@ablecleanup.com		
IV. TANK AND/OR PIPING INFORMATION					
TANK ID	TANK CAPACITY	SUBSTANCE STORED	PIPING INSTALLATION OR REPLACEMENT ONLY (Y/N)	DATE PROJECT IS EXPECTED TO BEGIN	COMMENTS
1	12k	Diesel	N	9/21/2020	
2	12k	Diesel	N	9/21/2020	
3	10k	Diesel	N	9/21/2020	



PERMANENT CLOSURE NOTICE FOR UNDERGROUND STORAGE TANKS

County: _____

*This notice certifies that permanent closure activities were performed
and conducted in accordance with Chapter 173-360A WAC. Instructions
are found on the back page.*

I. UST FACILITY			II. OWNER/OPERATOR INFORMATION			
Facility Compliance Tag #: A3323			Owner/Operator Name Gurchait S. Bains & Kulwant Singh			
UST ID #: 97570			Business Name: 3 Star Real Estate Investment LLC			
Site Name: GTX			Address: 1301 S. Havana Street			
Site Address: 18723 E. Cataldo Ave.			City: Spokane	State: WA	Zip: 99202	
City: Spokane Valley			Phone: 509-294-3942			
Phone: 509-294-3942			Email: missionfoodmart@gmail.com			
III. CERTIFIED UST DECOMMISSIONER						
Company Name: Able Cleanup Tech. Inc.			Service Provider Name: Kipp Silver			
Address: 5308 N. Myrtle Street			Certification Type: ICC			
City: Spokane	State: WA	Zip: 99217	Cert. No.: 1059338	Exp. Date: 12/16/2022		
Provider Phone: 509-466-5255			Provider Email: ksilver@ablecleanup.com			
Provider Signature:			Date: 11/20/2020			
IV. TANK INFORMATION						
TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	CLOSURE METHOD			CLOSURE DATE
			removal	closed-in-place	change-in-service	
1	12k	Diesel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11/6/2020
2	12k	Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11/6/2020
3	10k	Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11/6/2020
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
V. REQUIRED SIGNATURE						
Signature acknowledges UST(s) comply with UST regulation WAC 173-360A-0810 Permanent Closure Requirements.						
1-29-2021 Date	 Signature of Tank Owner/Operator or Authorized Representative			GURCHAIT SINGH BAINS Print or Type Name		

ECY 020-94 (Revised October 2018)



SITE CHECK/SITE ASSESSMENT CHECKLIST FOR UNDERGROUND STORAGE TANKS

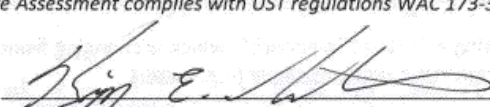
UST ID #: _____

County: _____

This checklist certifies that site check or site assessment activities were performed in accordance with Chapter 173-360A WAC. Instructions are found on the last page.

I. UST FACILITY		II. OWNER/OPERATOR INFORMATION	
Facility Compliance Tag #: A3323	Owner/Operator Name: Gurchait S. Bains & Kulwant Singh		
UST ID #: 97570	Business Name: 3 Star Real Estate Investment LLC		
Site Name: GTX	Address: 1301 S. Havana Street		
Site Address: 18723 E. Cataldo Ave.	City: Spokane	State: WA	Zip: 99217
City: Spokane Valley	Phone: 509-294-3942		
Phone: 509-294-3942	Email:		
III. CERTIFIED SITE ASSESSOR			
Service Provider Name: Kipp Silver		Company Name: Able Cleanup Technologies Inc.	
Cell Phone: 509-991-9442	Email: ksilver@ablecleanup.com	Address: 5308 N Myrtle Street	
Certification #: 1059338	Exp. Date: 1/27/2023	City: Spokane	State: WA Zip: 99217
IV. TANK INFORMATION			
TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	DATE SITE CHECK OR ASSESSMENT CONDUCTED
1	12k	Diesel	11/6/2020
2	12k	Gasoline	11/6/2020
3	10k	Gasoline	11/6/2020
V. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT (check one)			
<input checked="" type="checkbox"/> Release investigation following permanent UST system closure (i.e. tank removal or closure-in-place).			
<input type="checkbox"/> Release investigation following a failed tank and/or line tightness test.			
<input type="checkbox"/> Release investigation following discovery of contaminated soil and/or groundwater.			
<input type="checkbox"/> Release investigation directed by Ecology to determine if the UST system is the source of offsite impacts.			
<input type="checkbox"/> UST system is undergoing a "change-in-service", which is changing from storing a regulated substance (e.g. gasoline) to storing a non-regulated substance (e.g. water).			
<input type="checkbox"/> Directed by Ecology for UST system permanently closed or abandoned before 12/22/1988.			

ECY 010-158 (Revision October 2018)

<input type="checkbox"/> Other (describe):		
VI. CHECKLIST		
<p>The site assessor must check each of the following items and include it in the report. Sections referenced below can be found in the Ecology publication <i>Guidance for Site Checks and Site Assessments for Underground Storage Tanks.</i></p>		YES NO
1. The location of the UST site is shown on a vicinity map.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. A brief summary of information obtained during the site inspection is provided (Section 3.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. A summary of UST system data is provided (Section 3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. The soils characteristics at the UST site are described. (Section 5.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Is there any apparent groundwater in the tank excavation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. A brief description of the surrounding land use is provided. (Section 3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. The name and address of the laboratory used to perform analyses is provided. The methods used to collect and analyze the samples, including the number and types of samples collected, are also documented in the report. The data from the laboratory is appended to the report.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. The following items are provided in one or more sketches:		
• Location and ID number for all field samples collected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• If applicable, groundwater samples are distinguished from soil samples	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Location of samples collected from stockpiled excavated soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Tank and piping locations and limits of excavation pit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Adjacent structures and streets	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Approximate locations of any on-site and nearby utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. If sampling procedures are different from those specified in the guidance, has justification for using these alternative sampling procedures been provided? (Section 3.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method, and detection limit for that method. Any sample exceeding MTCA Method A cleanup standards are highlighted or bolded.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Any factors that may have compromised the quality of the data or validity of the results are described.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred. The requirements for reporting confirmed releases can be found in WAC 173-360-372.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
VII. REQUIRED SIGNATURES		
Signature acknowledges the Site Check or Site Assessment complies with UST regulations WAC 173-360A-0730 through 0750.		
Kipp Silver		11/20/2020
Print or Type Name	Signature of Certified Site Assessor	Date

ECY 010-158 (Revision October 2018)

Attachment III

Site Photos































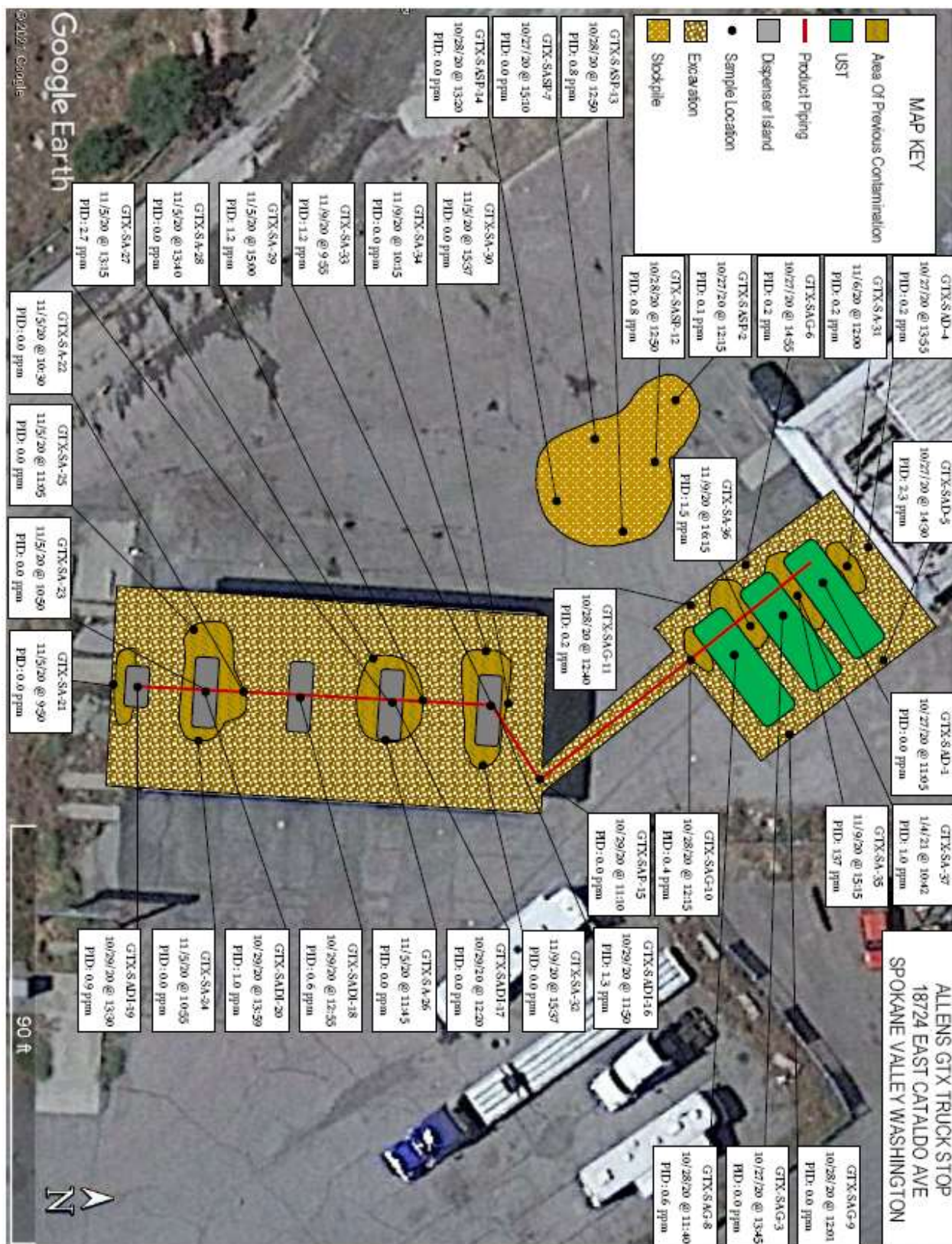







Attachment IV

Site Map

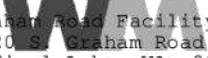


Attachment V


Disposal Ticket


 Graham Road Facility
 1820 S. Graham Road.
 Medical Waste Management
 9022 Ph: (509) 244-0151 Reprint Ticket# 626112
 Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 11/05/2020 Vehicle# darren
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595wa
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20305


	Time	Scale	Operator	Inbound	Gross	
In	11/05/2020 13:40:54	Scale1	ashield2		104780 lb	
Out	11/05/2020 13:51:52	Scale1	ashield2		Tare 44140 lb	
					Net 60640 lb	
					Tons 30.32	


 Graham Road Facility
 1820 S. Graham Road.
 Medical Waste Management
 9022 Ph: (509) 244-0151 Reprint Ticket# 626144
 Customer Name ABLECLEAN ABLE CLEAN-UP Carrier BODES
 Ticket Date 11/06/2020 Vehicle# LARRY
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595WA
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO#

	Time	Scale	Operator	Inbound	Gross	
In	11/06/2020 08:08:02	Scale1	fbaxter		110840 lb	
Out	11/06/2020 08:37:46	Scale1	fbaxter		Tare 39980 lb	
					Net 70860 lb	
					Tons 35.43	


 Graham Road Facility
 1820 S. Graham Road.
 Medical Waste Management
 9022 Ph: (509) 244-0151 Reprint Ticket# 626163
 Customer Name ABLECLEAN ABLE CLEAN-UP Carrier BODES
 Ticket Date 11/06/2020 Vehicle# larry
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595wa
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402


	Time	Scale	Operator	Inbound	Gross	
In	11/06/2020 10:04:23	Scale1	fbaxter		95620 lb	
Out	11/06/2020 10:19:57	Scale1	fbaxter		Tare 39920 lb	
					Net 55700 lb	
					Tons 27.85	


 Graham Road Facility
 1820 S. Graham Road.
 Medford, Oregon 97504
 Phone: (509) 244-0151

Reprint
 Ticket# 626197

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier BODES
 Ticket Date 11/06/2020 Vehicle# larry
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 1
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402


	Time	Scale	Operator	Inbound	Gross	
In	11/06/2020 12:03:34	Scale1	sharrin5		Tare	39820 lb
Out	11/06/2020 12:17:31	Scale1	fbaxter		Net	58400 lb
					Tons	29.20


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 Medford, Oregon 97504
 Phone: (509) 244-0151

Reprint
 Ticket# 626228

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier BODES
 Ticket Date 11/06/2020 Vehicle# LARRY
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595WA
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

	Time	Scale	Operator	Inbound	Gross	
In	11/06/2020 14:04:24	Scale1	fbaxter		Tare	40360 lb
Out	11/06/2020 14:18:04	Scale1	fbaxter		Net	55120 lb
					Tons	27.56


 Graham Road Facility
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 Phone: (509) 244-0151

Reprint
 Ticket# 626270

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier BODES
 Ticket Date 11/09/2020 Vehicle# LARRY
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595WA
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

	Time	Scale	Operator	Inbound	Gross	
In	11/09/2020 09:30:53	Scale1	ashield2		Tare	40120 lb
Out	11/09/2020 09:44:59	Scale1	ashield2		Net	73460 lb
					Tons	36.73

WM
 Graham Road Facility
 1820 S. Graham Road.
 Medina, WA 98050-9022

Reprint
 Ticket# 626281
 Ph: (509) 244-0151

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 11/09/2020 Vehicle# DARREN
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 1
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20305

Time	Scale	Operator	Inbound	Gross	
In 11/09/2020 10:00:49	Scale1	ashield2		119000 lb	
Out 11/09/2020 10:11:01	Scale1	ashield2		Tare 44220 lb	
				Net 74780 lb	
				Tons 37.39	

WM
 Graham Road Facility
 1820 S. Graham Road.
 Medina, WA 98050-9022

Reprint
 Ticket# 626301
 Ph: (509) 244-0151

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier BODES
 Ticket Date 11/09/2020 Vehicle# LARRY
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595WA
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

Time	Scale	Operator	Inbound	Gross	
In 11/09/2020 11:08:16	Scale1	ashield2		101080 lb	
Out 11/09/2020 11:26:03	Scale1	ashield2		Tare 40040 lb	
				Net 61040 lb	
				Tons 30.52	

WM
 Graham Road Facility
 1820 S. Graham Road.
 Medina, WA 98050-9022

Reprint
 Ticket# 626308
 Ph: (509) 244-0151

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 11/09/2020 Vehicle# darren
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595wa
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20305

Time	Scale	Operator	Inbound	Gross	
In 11/09/2020 11:29:49	Scale1	ashield2		102300 lb	
Out 11/09/2020 11:41:59	Scale1	fbaxter		Tare 44180 lb	
				Net 58120 lb	
				Tons 29.06	

WM
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 Phone: (509) 244-0151

Reprint
 Ticket# 626332

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 11/09/2020 Vehicle# DAREN
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595WA
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20305

	Time	Scale	Operator	Inbound	Gross	
In	11/09/2020 12:58:22	Scale1	ashield2			104060 lb
Out	11/09/2020 13:07:38	Scale1	ashield2		Tare	44200 lb
					Net	59860 lb
					Tons	29.93

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 Phone: (509) 244-0151

Reprint
 Ticket# 626347

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier BODES
 Ticket Date 11/09/2020 Vehicle# larry
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595wa
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

	Time	Scale	Operator	Inbound	Gross	
In	11/09/2020 14:24:38	Scale1	ashield2			99440 lb
Out	11/09/2020 14:36:45	Scale1	ashield2		Tare	39840 lb
					Net	59600 lb
					Tons	29.80

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 Phone: (509) 244-0151

Reprint
 Ticket# 626349

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 11/09/2020 Vehicle# darren
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595wa
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20305

	Time	Scale	Operator	Inbound	Gross	
In	11/09/2020 14:33:42	Scale1	ashield2			100860 lb
Out	11/09/2020 14:43:13	Scale1	ashield2		Tare	44080 lb
					Net	56780 lb
					Tons	28.39

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 Phone: (509) 244-0151

Reprint
 Ticket# 629174

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 01/04/2021 Vehicle# DARON
 Payment Type Credit Account Container
 Manual Ticket# Driver DARON SLATER
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

	Time	Scale	Operator	Inbound	Gross	
In	01/04/2021 12:32:21	Scale1	sharrin5		106320 lb	
Out	01/04/2021 12:43:33	Scale1	sharrin5		Tare 45440 lb	
					Net 60880 lb	
					Tons 30.44	

WM
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 Phone: (509) 244-0151

Reprint
 Ticket# 629188

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 01/04/2021 Vehicle# DARON
 Payment Type Credit Account Container
 Manual Ticket# Driver DARON SLATER
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595wa
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

	Time	Scale	Operator	Inbound	Gross	
In	01/04/2021 14:42:03	Scale1	ASHIELD2		113280 lb	
Out	01/04/2021 14:56:16	Scale1	ASHIELD2		Tare 45380 lb	
					Net 67900 lb	
					Tons 33.95	

WM
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 Phone: (509) 244-0151

Reprint
 Ticket# 629192

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 01/05/2021 Vehicle# DARON
 Payment Type Credit Account Container
 Manual Ticket# Driver DARON SLATER
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595WA
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

	Time	Scale	Operator	Inbound	Gross	
In	01/05/2021 07:20:49	Scale1	ASHIELD2		109040 lb	
Out	01/05/2021 07:32:21	Scale1	ASHIELD2		Tare 45320 lb	
					Net 63720 lb	
					Tons 31.86	

WM
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 Phone: (509) 244-0151

Reprint
 Ticket# 629204

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier ABLECLEANUP ABLE CLEANUP TECHNOLOGIE
 Ticket Date 01/05/2021 Vehicle# JOSH
 Payment Type Credit Account Container
 Manual Ticket# Driver JOSH KING
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 1
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

	Time	Scale	Operator	Inbound	Gross	
In	01/05/2021 10:25:15	Scale1	ASHIELD2			114540 lb
Out	01/05/2021 10:42:46	Scale1	ASHIELD2		Tare	45280 lb
					Net	69260 lb
					Tons	34.63

WM
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 Phone: (509) 244-0151

Reprint
 Ticket# 626326

Customer Name ABLECLEAN ABLE CLEAN-UP Carrier BODES
 Ticket Date 11/09/2020 Vehicle# larry
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Route Check#
 Hauling Ticket# Billing# 0000726
 Destination Grid
 Manifest 106595wa
 Profile 106595WA (LF01 Diesel Fuel Contaminated Soil and Debris (WM012A))
 Generator WA-ABLE CLEANUP TECHNOLOGIES ABLE CLEANUP TECHNOLOGIES
 PO# 20402

	Time	Scale	Operator	Inbound	Gross	
In	11/09/2020 12:45:21	Scale1	ashield2			101560 lb
Out	11/09/2020 12:59:07	Scale1	ashield2		Tare	39960 lb
					Net	61600 lb
					Tons	30.80