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June 14, 2012

Guy Barrett, LHG Southwest Regional Office, Toxics Cleanup Program P.O. Box 47775, Olympia, WA 98504-7775

RE: Underground Storage Tank Decommissioning, Contaminated Soil Excavation, and

Confirmation Soil and Groundwater Sampling

FOR: Former L&C Deli / Vista Mart

Ecology Facility ID's 1035 and 7176

13908 and 13912 NE 20th Avenue; Vancouver, WA 98686

Dear Mr. Barrett:

This letter report documents activities to decommission by removal three (3) underground storage tanks (USTs) at the *subject property*, identified as the former L&C Deli / Vista Mart, located at 13908 and 13912 NE 20th Avenue, in Vancouver, Washington (See **Attachment A** for a Site Location Map and all Site Figures). Additional activities that were conducted at this time included:

- Removal of the canopy, fuel dispensers and fuel island;
- Removal of approximately 220 tons of petroleum-contaminated soil (PCS) and offsite disposal at an authorized landfill;
- Treatment of groundwater within the excavation with activated carbon and petrophyllic bacteria;
- Confirmation sampling and laboratory analysis of soil from the limits of the excavation;
- Confirmation sampling and laboratory analysis of groundwater within the limits of the excavation; and
- Replacement and repair of stormwater piping through the excavation; and
- Backfill and compaction of the excavation.

Each of these activities are discussed in detail in appropriate Sections of this report.

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1.0 SITE DESCRIPTION HISTORY

The subject property, identified as the former L&C Deli and Vista Mart, is located at the northwest corner of the intersection of NE 20th Avenue and NE 139th Street near the intersection of Interstate I-5 and Interstate I-205. The subject property formerly contained three (3) 12,000-gallon single-walled steel USTs formerly containing diesel, and premium and regular unleaded gasoline. Product from the USTs were dispensed from two (2) multiple product dispensers located beneath an adjacent canopy to the east of the UST cavity. Notice of temporary closure of the UST system was received by the Washington Department of Ecology (Ecology) in September 25, 2009.

2.0 SITE HISTORY

2.1 Initial Release and Investigations

The following historical information was provided in a March 2010 *Periodic Review* report by the Toxics Cleanup Program of Ecology for the subject property:

In September 1987, gasoline product and vapors were discovered in a sanitary sewer line in a location near the L&C Deli Site. In addition, gasoline product was discovered floating on the groundwater in a number of test pits excavated in the vicinity of the subject Site. In November 1987, an extraction well and recovery system were installed by an Ecology contractor at the subject Site to recover the free product gasoline floating on the groundwater.

Subsequent integrity testing of the USTs and lines located on the subject property indicated that although the tanks appeared to be sound, the associated lines may have been leaking product. The recovery of gasoline product from the extraction well diminished in late 1988, and in February 1989, Ecology allowed the recovery system to be permanently shut down. A total of 524 gallons of gasoline product was recovered during the operation of the recovery system. On August 10, 1990, the clients received an Order from Ecology requiring that a remedial investigation and feasibility study (RI/FS) be performed to facilitate the remediation of the gasoline product that may have remained adsorbed in the soils and dissolved in the groundwater in the vicinity of the subject Site.

Hahn and Associates, Inc. (HAI) performed remedial investigative activities at the subject Site from October 1990 to March 1991 through the installation of 11 soil borings and 7 groundwater monitoring wells. The remedial investigation appeared to define the extent of the impacts to the soil and groundwater on and in the vicinity of the subject Site. A feasibility study of remedial options was also prepared by HAI.

In January 1992, WDOE prepared a Cleanup Action Plan (CAP) which summarized the results of the RI/FS and outlined the preferred cleanup alternative. In summary, the preferred cleanup alternative involved: 1) the partial removal of contaminated soils; 2) the surface treatment of the excavated soils by bioremediation; 3) the in-situ degradation of the remaining soil contamination

by natural processes; and 4) a modified pump and treat method for remediation of the shallow groundwater from the excavation pit.

On March 2, 1992, Ecology issued an Enforcement Order requiring implementation of the preferred cleanup alternative as outlined in the CAP. Also included in the Enforcement Order was a request for additional documents including: 1) an engineering design report; 2) construction plans and specifications; 3) an operation and maintenance plan; 4) a compliance monitoring plan; 5) a sampling and analysis plan; and 6) a health and safety plan.

Contaminated soil removal activities, confirmation soil sampling activities and groundwater removal activities took place in September 1992. Remedial excavation was conducted in areas identified during the RI/FS to contain soil contamination at concentrations exceeding MTCA Method A cleanup levels.

The final depth of the soil excavation ranged from approximately 9 to 11 feet below the ground surface. Groundwater was encountered in the excavation pit at a depth of approximately 8 to 9 feet. The excavation of soil proceeded unencumbered in all directions, except to the east and southeast, where excavation activities were halted so as not to undermine underground utilities in these areas. The confirmation sampling indicated that the contaminated soil was removed both laterally and vertically to below regulatory cleanup levels, with the exception of the east and southeast walls where soil contamination was left in-place at concentrations of 43 to 1,100 parts per million of gasoline-range petroleum hydrocarbons (TPH-G).

Further, Ecology's Periodic Review report identified cleanup levels for the site as follows:

Because a no further action determination was issued for the Site prior to 2001, MTCA Method A cleanup levels prior to 2001 will be used to determine whether or not the remedial activities at the Site have been effective in protecting human health and the environment.

2.2 Washington Department of Transportation Investigation and Acquisition

In March 2011, an investigation was conducted at the subject property to determine the magnitude and extent of residual contamination in soil and groundwater beneath the subject property, a portion of which was proposed to be purchased as part of a road-widening project that involves both adjacent right-of-ways to the east (20th Ave.) and south (139th St.). As part of the investigation, ten (10) direct push-probe borings, PP-1 through PP-10 were advanced within the area to be purchased by Washington Department of Transportation (WSDOT), and near all four (4) sides of the UST area. Two push-probe borings (PP-2 and PP-3) were located within the adjacent roadways to the east and south to evaluate possible off-site contaminant migration which may impact future road and utility construction.

Soil Analytical Results

All soil samples were analyzed for gasoline-range Total Petroleum Hydrocarbons per Northwest Method NWTPH-Gx, diesel-range TPH per Northwest Method NWTPH-Dx, and benzene, toluene, ethylbenzene and xylene (BTEX) compounds per EPA Method 8260B. The results of the investigation did **not** detect diesel, gasoline, or BTEX contamination in soil above method-reporting limits (MRLs) from the push-probe borings PP1, PP3, PP4, PP7, PP8, PP9, PP10. The results of the investigation, however, detected elevated levels of gasoline and diesel TPH, and BTEX compounds in soil from boring PP5, located east of the former diesel UST. It is important to note that push-probe boring PP5 is located on the newly acquired WSDOT property. Soil analytical results are summarized in **Table 1**. **Figure 4** identifies the probe locations and soil analytical results from the WSDOT investigation.

Table 1: WSDOT Soil Sample Analytical Results

Former L&C Deli / Vista Mart, 13912 NE 20th Ave., Vancouver, WA

Soil contaminant concentrations in milligrams per kilogram (mg/Kg) or parts per million (ppm). ND: Not detected above method-reporting limits (MRLs), shown in parentheses.

J: Estimated value below the method-reporting limit (MRL), yet above the Method-Detection Limit (MDL). Highlighted concentrations exceed MTCA cleanup values.

		C	ontaminants-of-	Potential-Conce	rn,	
Soil Sample ID (with indicated depth)	Gasoline-Range TPH	Diesel- Range TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes
PP1 - 6'	ND (<6.63)	24.4 J	ND (<0.017)	ND (<0.063)	ND (<0.033)	ND (<0.099)
PP2 - 7.5'	13.6	ND (<34.7)	0.09	ND (<0.017)	0.991	0.63
PP3 - 6'	ND (<6.63)	ND (<34.6)	ND (<0.02)	ND (<0.08)	ND (<0.04)	ND (<0.12)
PP4 - 6' (onsite)	ND (<6.63)	ND (<36.2)	ND (<0.02)	ND (<0.09)	ND (<0.045)	ND (<0.13)
PP5 - 7'	198	1,630	1.1	0.251	0.379	0.883
PP6 - 6'	ND (<6.28)	ND (<25)	0.47	ND (<0.063)	ND (<0.03)	ND (<0.09)
PP7 - 7'	ND (<6.83)	ND (<29.2)	ND (<0.017)	ND (<0.068)	ND (<0.034)	ND (<0.1)
PP8 - 6.5' (onsite)	ND (<8.65)	ND (<31.9)	ND (<0.02)	ND (<0.086)	ND (<0.043)	ND (<0.13)
PP9 - 9' (onsite)	ND (<8.74)	18.1 J	ND (<0.02)	ND (<0.087)	ND (<0.044)	ND (<0.13)
PP10 - 13'	ND (<8.12)	18.7 J	ND (<0.02)	ND (<0.08)	ND (<0.04)	ND (<0.12)
1991 MTCA Cleanup Levels	100	200	0.50	40	20	20
2001 MTCA Method A Soil Cleanup Levels for Unrestricted Land Use	100 no benzene 30 with benzene	2,000	0.03	7	6	9

For comparison in **Table 1** are 1991 MTCA Cleanup Levels and 2001 MTCA Method A cleanup levels for unrestricted landuse. Detected concentrations of gasoline-range TPH, diesel-range TPH and benzene in soil from boring PP5 exceed the 1991 MTCA Cleanup levels. Only gasoline-range

TPH and benzene in soil from boring PP5 were detected above 2001 MTCA Method A cleanup levels for unrestricted land use. No other detected contaminants exceeded MTCA Method A cleanup levels for unrestricted land use.

Groundwater Analytical Results

All groundwater samples were analyzed for gasoline-range TPH per Northwest Method NWTPH-Gx, diesel-range TPH per Northwest Method NWTPH-Dx, and BTEX compounds per EPA Method 8260B. The groundwater analytical results are summarized in **Table 2** and on **Figure 5**.

Table 2: WSDOT Groundwater Sample Analytical Results

Former L&C Deli / Vista Mart, 13912 NE 20th Ave., Vancouver, WA

Soil contaminant concentrations in micrograms per Liter (µg/L) or parts per billion (ppb). Highlighted concentrations exceed MTCA cleanup values.

			C	ontaminants-of-	Potential-Conce	ern	
Soil Sam	ple ID	Gasoline-Range TPH	Diesel- Range TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes
PP1		ND (<100)	ND (<122)	ND (<0.25)	ND (<1.0)	ND (<0.5)	ND (<1.5)
PP2		2,550	522	3.58	2.53	102	205
PP3		ND (<100)	ND (<120)	ND (<0.25)	ND (<1.0)	ND (<0.5)	ND (<1.5)
PP4	(onsite)	ND (<100)	155	ND (<0.25)	ND (<1.0)	ND (<0.5)	ND (<1.5)
PP5		10,900	13,900	2,030	78.8	59.8	99.6
PP6		2,300	620	724	1.25	4.07	ND (<1.5)
PP7		108	250	4.04	ND (<1.0)	ND (<0.5)	ND (<1.5)
PP8	(onsite)	ND (<100)	ND (<134)	ND (<0.25)	ND (<1.0)	ND (<0.5)	ND (<1.5)
PP9	(onsite)	ND (<100)	ND (<130)	ND (<0.25)	ND (<1.0)	ND (<0.5)	ND (<1.5)
PP10		ND (<100)	ND (<134)	ND (<0.25)	ND (<1.0)	ND (<0.5)	ND (<1.5)
1991 MTC Levels	A Cleanup	No Value (TPH 1,000)	No Value (TPH 1,000)	5	40	30	20
Cleanup L	CA Method A evels for ed Land Use	1,000 no benzene 800 with benzene	500	5	1,000	700	1,000

The results of the investigation did **not** detect diesel, gasoline, or BTEX contamination in groundwater from push-probe borings PP1, PP3, PP4, PP8, PP9, or PP10. The highest detected contaminant concentrations were detected in boring PP5, a short distance east of the UST cavity, and located on the newly acquired WSDOT property. Lesser contaminant concentrations were detected downgradient (east) in groundwater from push-probe boring PP2 a short distance southeast of PP5, and PP6, further east of PP2.

In **Table 2** are 1991 MTCA Cleanup Levels and 2001 MTCA Method A cleanup levels for unrestricted landuse. No contaminants were detected in groundwater from onsite borings. TPH (as gasoline and diesel) and BTEX compounds detected in groundwater from offsite boring PP5 exceed 1991 MTCA Cleanup values. Similarly, TPH (as gasoline), benzene, ethylbenzene and xylenes were detected in groundwater from offsite borings PP2 and PP6 were also detected above the 1991 MTCA Cleanup values.

When compared to the 2001 MTCA Method A Cleanup values, gasoline- and diesel-range TPH and benzene were detected at concentrations in groundwater from offsite borings PP5 and PP6 exceeding the 2001 cleanup values. Similarly, gasoline- and diesel-range TPH were detected in groundwater from boring PP2 at concentrations exceeding the 2001 MTCA Method A cleanup values.

3.0 BB&A UST DECOMMISSIONING AND CLEANUP ACTIVITIES

Prior to performing UST decommissioning activities, all utilities were identified within the work area, and all appropriate forms, permits and authorizations were completed and obtained, including: Ecology 30-day Notice, Clark County Fire Marshall Permit, Waste Management Hillsboro Landfill Disposal Permit #110305OR (for disposal of petroleum-contaminated soil), and Ecology Underground Injection Control (UIC) authorization for backfill with activated carbon and petrophyllic bacteria to treat soil and groundwater in the excavation.

3.1 UST Decommissioning and Removal of Fuel Dispensers and Product Lines

During the week of April 23 to 27, 2012, BB&A decommissioned by removal, three (3) 12,000-gallon USTs, including the southernmost UST, which formerly contained diesel fuel, the central UST formerly containing regular unleaded fuel; and the northern UST formerly containing premium unleaded fuel. On April 23rd, the fuel dispensers were disconnected and removed, and the product lines flushed with water back into the USTs to remove any residual fuel. Any groundwater accumulation within the turbines sumps was pumped into the USTs as well. Additional activities performed on April 23rd included canopy demolition and metal recycling.

On April 24th, the concrete pad and asphalt above the USTs, product lines and fuel dispenser island were removed. Soil above the USTs and product lines was excavated, as was soil alongside the north and south side of the UST cavity. Soil was screened using an organic vapor meter with photoionization detector (OVM-PID). All concrete and clean fill was set aside for reuse as backfill. Any soil with evidence of contamination was set aside for offsite disposal at Waste Management's Hillsboro landfill. The product lines were removed, and the USTs were tilted. Each of the USTs were noted to be eight (8) feet in diameter and 32 feet long. Soil contamination was most noted in the walls of the excavation – especially immediately southeast of the UST cavity (i.e., east of the

diesel UST). Groundwater was noted in the UST cavity at approximately seven (7) to seven and one-half (7.5) feet below land surface (BLS). A sheen was noted on groundwater within the UST cavity.

On April 25th, at the time that the USTs were tilted, only a small amount of residual fuel was noted in each UST. All residual fuel product within the USTs were evacuated by Oil Re-Refining (ORRCO) using their vacuum truck. The USTs were triple rinsed, with the resulting sludge and oil/water mixture evacuated using ORRCO'S vacuum truck. Approximately 242 gallons of fuel product, sludge, and rinse water was removed from the three (3) USTs. A copy of ORRCO's receipt is provided in **Attachment B**.

The USTs were inerted by ventilation using an air compressor and eductor apparatus. Tank atmosphere was measured to determine if the tanks were safe for removal. This determination was made on the basis of field measurements relative to the lower explosive limit (LEL). The USTs were inerted by reducing the LEL within the USTs to levels below five (5) percent LEL. The USTs were not removed until this level was attained. Upon removal, the USTs were transported to Metro Metals for recycling.

Soil contamination was observed in the area immediately southeast of the UST cavity (i.e., east of the diesel UST), and to a lesser extent in the northern, western, and southeastern walls of the UST cavity. On April 26th, contaminated soil in these areas was excavated to a depth of approximately eight (8) feet below land surface (BLS), just below the soil/water interface. The excavation of contaminated soil was extended east of the UST cavity, beneath the former fuel dispenser islands. It is important to note that the excavation extended slightly offsite southeast of the former UST cavity, in the former location of PP5. However, because this portion of the site is owned by WSDOT (as right-of-way), no additional excavation was conducted in this area of residual contamination.

During excavation activities, approximately 242 tons petroleum-contaminated soil (PCS) was excavated for transport to Waste Management's Hillsboro landfill under permit number 110305OR. Also during these activities, the stormwater pipe crossing beneath the fuel dispenser island was removed. Upon completion of the excavation activities, the stormwater pipe was replaced.

3.2 Confirmation Soil Sample Analytical Results

Upon completion of excavation activities, and prior to backfill, confirmation soil samples were collected for laboratory analysis of gasoline-range TPH per Northwest Method NWTPH-Gx, diesel-range TPH per Northwest Method NWTPH-Dx, and several soil samples were additionally analyzed for BTEX compounds per EPA Method 8260B. The analytical results are shown below in **Table 3**. Soil sample locations and analytical results are shown on **Figure 6** (**Attachment A**).

Laboratory analysis of the confirmation soil samples detected diesel-range TPH at 780 ppm in soil sample SE-7', which was collected at the soil/water interface a short distance east of former push-probe boring PP5, the former location of highest detected soil contamination. BTEX and gasoline-range TPH were not detected in soil sample SE-7'. The only other contaminant detected in confirmation soil samples was toluene at the low concentration of 0.022 ppm in soil sample SWDISP-7'. The complete laboratory report is provided in **Attachment C**.

Table 3: BB&A Excavation Confirmation Soil Sample Analytical Results Former L&C Deli / Vista Mart, 13912 NE 20th Ave., Vancouver, WA

Soil contaminant concentrations in milligrams per kilogram (mg/Kg) or parts per million (ppm). ND: Not detected above method-reporting limits (MRLs), shown in parentheses.

J: Estimated value below the method-reporting limit (MRL), yet above the Method-Detection Limit (MDL).

Highlighted concentrations exceed MTCA cleanup values.

		Conta	minants-of-Po	tential-Concer	n	
Soil Sample ID (with indicated depth)	Gasoline-Range TPH	Diesel-Range TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes
S1 - 7.5'	ND (<5.5)	ND (<17)	The state of			77
SW2 - 7.5'	ND (<5.2)	ND (<17)				NEWS PROPERTY.
W3 - 7.5'	ND (<5.4)	ND (<17)				
NW4 - 7.5'	ND (<5.4)	ND (<17)		May Feb		
N5 - 7.5'	ND (<5.3)	ND (<17)				
SWDISP - 7'	ND (<4.8)	ND (<15)	ND (<0.024)	0.022	ND (<0.021)	ND (<0.07)
NEDISP - 7'	ND (<4.7)	ND (<15)	ND (<0.023)	ND (<0.018)	ND (<0.021)	ND (<0.069)
SE - 7' (offsite)	ND (<4.2)	780	ND (<0.021)	ND (<0.016)	ND (<0.019)	ND (<0.061)
E - 7' (offsite)	ND (<4.4)	ND (<15)	ND (<0.022)	ND (<0.016)	ND (<0.02)	ND (<0.064)
NE - 7'	ND (<4.5)	ND (<15)	ND (<0.022)	ND (<0.017)	ND (<0.022)	ND (<0.066)
NE6 - 7.5'	ND (<4.3)	ND (<14)	ND (<0.021)	ND (<0.016)	ND (<0.019)	ND (<0.063)
1991 MTCA Cleanup Levels	100	200	0.50	40	20	20
2001 MTCA Method A Soil Cleanup Levels for Unrestricted Land Use	100 no benzene 30 with benzene	2,000	0.03	7	6	9

For comparison in **Table 3** are the 1991 MTCA Cleanup Levels and 2001 MTCA Method A Cleanup Levels for unrestricted landuse. The detected diesel concentration of 780 ppm in soil sample SE-7' exceeds the 1991 MTCA Cleanup level at 200 ppm, but not the 2001 MTCA Method A cleanup level (for unrestricted land use) at 2,000 ppm. No other contaminants were detected at concentrations exceeding either of the 1991 or 2001 MTCA cleanup levels.

3.3 Soil and Groundwater Treatment with Activated Carbon and Petrophyllic Bacteria

Upon completion of excavation activities, and prior to backfill, groundwater within the UST cavity, and soil along the walls of the excavation were treated using petrophyllic bacteria and BOS-200®1, an activated carbon product with nutrients. The activated carbon chemically binds with petroleum contaminants in soil and groundwater, and the nutrients and petrophyllic microbes promote biological degradation of the contaminants. This product is relatively new, yet has been shown to be very effective at binding available petroleum contamination including dissolved and free-floating petroleum in groundwater. The BOS-200® activated carbon has an adsorption capacity of approximately 70 grams dissolved hydrocarbon per one (1) pound of carbon. The bacteria mixture injected with the carbon consumes the hydrocarbon bound to carbon, and the bacteria essentially reactivates the carbon so that it can absorb further contaminant. This cycle will continue until "source food" (i.e., all petroleum hydrocarbons) are been removed. As a result, the activated carbon creates a "biobarrier" through which groundwater can flow, removing free-phase and dissolved phase petroleum contamination, and preventing contaminated groundwater from migrating beyond the "biobarrier." One significant advantage over other alternatives is that the carbon binds the hydrocarbons immediately upon contact allowing almost immediate contaminant reduction. Ms. Mary Shaleen Hansen of the UIC Program authorized the use of BOS-200® activated carbon and petrophyllic bacteria in the excavation without any UIC registration.

On April 27th, the BOS-200® and bacteria was mixed and applied to the excavation in batches. In each batch, 50 pounds of BOS-200® powder was mixed with 50 gallons of water in a drum, along with approximately 16 ounces of petrophyllic bacteria. A pump was used to apply the carbon, water and bacteria mixture to the walls of the excavation, and all areas of the excavation with groundwater accumulation to treat the sheen on water and any dissolved-phase contamination.

3.4 Excavation Backfill

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Upon completion of all excavation activities, confirmation soil sampling, and treatment using BOS-200® and bacteria, the excavation was backfilled by first placing the broken concrete pad at the bottom of the excavation, on top of which, clean overburden and imported gravel fill material was placed. The backfill material was compacted in lifts to rough grade to allow for paving by others.

3.5 UST Decommissioning Forms and Checklists

Included in Attachment D are all appropriate UST decommissioning checklists and forms.

BOS-200® is a product produced by Remediation Products Inc. Information regarding this product can be found at: http://www.trapandtreat.com/products/bos-200/

3.6 Groundwater Confirmation Sample Analytical Results

3.6.1 Methodology

On May 8th, 10 days after soil and groundwater treatment using BOS-200® and bacteria, and backfilling of the excavation, two (2) borings were advanced within the excavation boundary. Pushprobe boring P11 was advanced a short distance east of the southwest dispenser island. Pushprobe boring P12 was placed in the northwest quarter of the excavation. **Figure 7** shows the pushprobe boring locations.

The temporary push-probe borings were advanced using a GeoProbe® 6600 truck and tooling equipment. Both push-probe borings were advanced to an approximate depth of 10 feet BLS. The core barrels are constructed of stainless steel. Additional core barrels were added as the probe was advanced. No soil was collected from either boring. Upon completion of the soil borings, temporary well casings (made of schedule 40 PVC) were placed within the borings. The bottom five (5) feet of each temporary well casing was slotted and positioned to intercept the upper portion of the groundwater table. Prior to collecting groundwater samples, approximately three (3) gallons of groundwater was purged from the push probes using a low-flow peristaltic pump and dedicated polyethylene tubing to remove drilling-derived sediments and to draw representative groundwater into the well.

Following purging, a groundwater sample was collected using clean, dedicated polyethylene tubing connected to a peristaltic pump set at its lowest setting (0.1 to 0.3 liters per minute). The flow rate was minimized to reduce off gassing of volatile contaminants. Samples were transferred into laboratory-supplied containers with appropriate preservative, uniquely labeled, documented on a chain-of-custody record, placed in a cooler on synthetic ice, and delivered to Test America Analytical Laboratory in Beaverton, Oregon. Both groundwater samples were analyzed for gasoline-range TPH per Northwest Method NWTPH-Gx, diesel-range TPH per Northwest Method NWTPH-Dx, and BTEX compounds per EPA Method 8260B. The groundwater sample from boring P12 was additionally analyzed for polynuclear aromatic hydrocarbons (PAHs) per EPA Method 8270SIM.

Upon completion of groundwater sampling, the temporary well casings were removed, and the borings backfilled with bentonite to seal the borehole. Each temporary boring was registered with the Washington Department of Ecology.

3.6.2 Groundwater Analytical Results

The groundwater analytical results are summarized on **Table 4**, and **Figure 7** (**Attachment A**). In groundwater from boring P11, diesel-range TPH was detected at the method-reporting limit of 80 ppb. Gasoline-range TPH and BTEX compounds were not detected in this sample.

Table 4: Groundwater Analytical Results, May 8, 2012

UNITS: Groundwater Concentrations in micrograms per liter (µg/L), or parts per billion (ppb).

ND: Not Detected above laboratory method-reporting limits (MRLs).

J: Contaminant concentration estimated below the method-reporting limit (MRL), yet above the method-detection limit (MDL).
**Model Toxics Control Act (MTCA) Cleanup Levels: Method A for Unrestricted Land Use; Risk-Based Method B is provided where MTCA Method A is not available.

CONTAMINANTS OF	Push-Probe B	oring Locations	MTCA	Methods**
CONCERN	P11	P12	1991 MTCA	2001 MTCA
Gasoline-Range TPH	ND (<80)	87	1,000 (TPH)	800 (benzene present)
Diesel-Range TPH	80	510	1,000 (TPH)	500 ^A
Heavy Oil-Range TPH	ND (<470)	50 J	1,000 (TPH)	500 ^A
Benzene	ND (<1.0)	0.63 J	5	5 ^A
Toluene	ND (<1.0)	0.33 J	40	1,000 ^A
Ethylbenzene	ND (<1.0)	0.2 J	30	700 ^A
Xylenes	ND (<3.0)	1.9 J	20	1,000^
Acenaphthene	14 11 11 11	0.053 J	0.2 (MCL)	960 ^B
Acenaphthylene		ND (<0.095)	0.2 (MCL)	No MTCA Value
Anthracene		ND (<0.095)	0.2 (MCL)	4,800 ^B
Benzo(a)anthracene		ND (<0.095)	0.2 (MCL)	0.120 ⁸
Benzo(a)pyrene		ND (<0.095)	0.2 (MCL)	0.1^
Benzo(b)fluoranthene		ND (<0.095)	0.2 (MCL)	0.12 ⁸
Benzo(ghi)perylene		ND (<0.095)	0.2 (MCL)	No MTCA Value
Benzo(k)fluoranthene		ND (<0.095)	0.2 (MCL)	1.2 ^B
Chrysene		ND (<0.095)	0.2 (MCL)	1.2 ^B
Dibenzo(a,h)anthracene		ND (<0.095)	0.2 (MCL)	0.012 ^B
Fluoranthene		ND (<0.095)	0.2 (MCL)	640 ⁸
Fluorene		0.18	0.2 (MCL)	640 ^B
Indeno(1,2,3-cd)pyrene		ND (<0.095)	0.2 (MCL)	0.12 ⁸
1-Methylnaphthalene		ND (<0.095)	0.2 (MCL)	1.5 ^B
2-Methylnaphthalene		ND (<0.095)	0.2 (MCL)	32 ^B
Naphthalene		0.15	0.2 (MCL)	160^
Phenanthrene		0.16	0.2 (MCL)	No MTCA Value
Pyrene		ND (<0.095)	0.2 (MCL)	480 ⁸

In the groundwater sample from boring P12, gasoline-range TPH was detected at 87 ppb, diesel-range TPH was detected at 510 ppb, and heavy oil TPH and BTEX compounds were all estimated below the method-reporting limit (MRL), yet above the method-detection limit (MDL). Due to the detected diesel TPH in groundwater from boring P12, this sample was additionally analyzed for PAHs; although the hold time for this analysis was exceeded. Acenaphthene, fluorene, naphthalene and phenanthrene were all detected at concentration less than 0.2 ppb.

In **Table 4** are 1991 MTCA Cleanup Levels and 2001 MTCA Method A cleanup levels for unrestricted landuse. No contaminants were detected in groundwater from borings P11 and P12 at concentrations exceeding 1991 MTCA Cleanup values. Further, the only contaminant exceeding 2001 MTCA Method A Cleanup values was diesel-range TPH in boring P12 at 510 ppb, slightly above the 2001 MTCA Method A cleanup value of 500 ppb. The detected diesel-range TPH concentration in groundwater from boring P12 exceeds the 2001 MTCA Method A cleanup value by two (2) percent. Turbidity and bio-interference could potentially account for some portion of the detected diesel-range TPH.

4.0 COMPLIANCE OF MONITORING WELLS MW3 AND MW5A

Enforcement Order #DE 92TC-S112 required three (3) quarterly groundwater sampling events from monitoring well MW3 and replacement monitoring well MW5A, with laboratory analysis for gasoline-range TPH and BTEX compounds. Three (3) quarterly groundwater monitoring events have been completed at monitoring well MW3 and replacement monitoring well MW5A. Gasoline-range TPH and BTEX compounds were not detected in groundwater from either monitoring well during any of the three (3) groundwater monitoring events. As such, groundwater from monitoring wells MW3 and MW5A meets MTCA Method A cleanup levels for unrestricted land use. Upon approval from Mr. Guy Barrett, monitoring well MW3 was decommissioned during redevelopment of the intersection of 20th Avenue and 139th Street. On May 8th, 2012, monitoring well MW5A was decommissioned, and the sidewalk repaired to meet surrounding sidewalk slope, elevation, and texture.

5.0 SUMMARY OF RESIDUAL SOIL AND GROUNDWATER CONTAMINATION

The results of the WSDOT investigation did not detect any contamination in soil or groundwater from onsite borings at concentrations exceeding the 1991 MTCA Cleanup values or the 2001 MTCA Method A Cleanup values. Similarly, confirmation soil sampling conducted by BB&A after UST decommissioning and PCS excavation activities, did not detect any contamination in soil at concentrations exceeding the 1991 MTCA Cleanup values or the 2001 MTCA Method A Cleanup values. Confirmation groundwater sampling conducted by BB&A did not detect any contaminants in groundwater form borings P11 and P12 exceeding 1991 MTCA Cleanup values, and only diesel-

range TPH was detected in groundwater from boring P12 at a concentration (two [2] percent) above the 2001 MTCA Method A Cleanup values.

Lastly, three (3) quarterly groundwater monitoring events were completed at monitoring well MW3 and replacement monitoring well MW5A, the results of which did not detect any gasoline-range TPH or BTEX compounds in groundwater from either monitoring well. As such, groundwater from monitoring wells MW3 and MW5A meets MTCA Method A cleanup levels for unrestricted land use.

Based on these findings, BB&A requests that a no further action (NFA) determination be issued for the former L&C Deli / Vista Mart site, without any further periodic review.

Should you have any questions regarding this update letter, please do not hesitate to contact us.

Sincerely, BB&A Environmental



Stephen Omo, RG Project Manager

Wa Site Ascessor # 8142160

Hydrogeologist of 1082 consed Geologist

Randall Jon Boese

Randall J. Boese, RG President / Principal

Attachment A:

Figures

Attachment B:

Disposal Receipts

Attachment C:

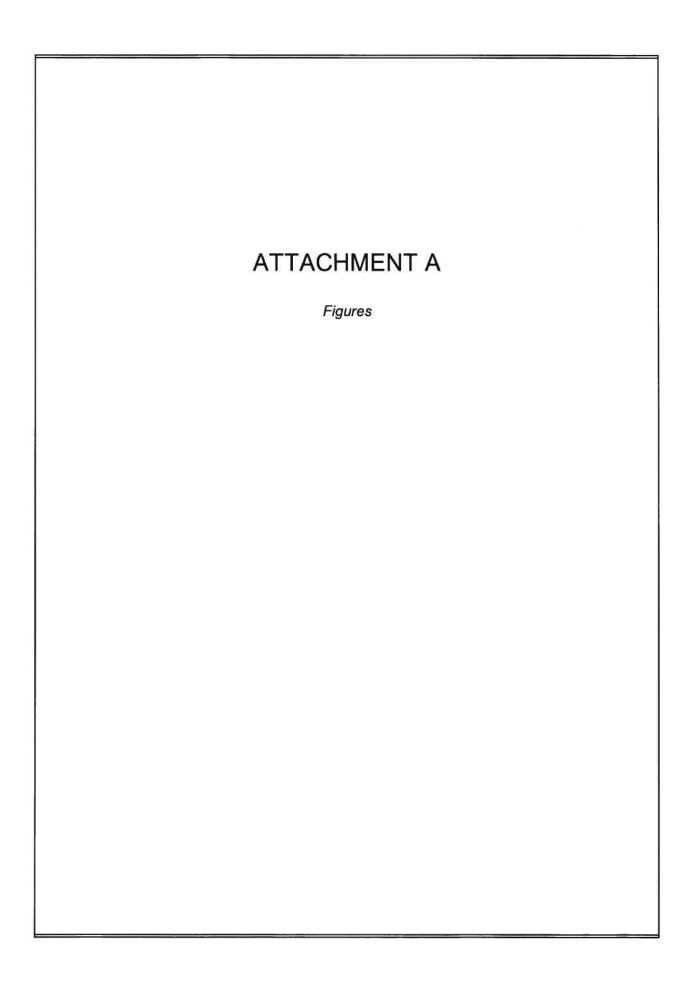
Laboratory Reports and Chain of Custody Documents

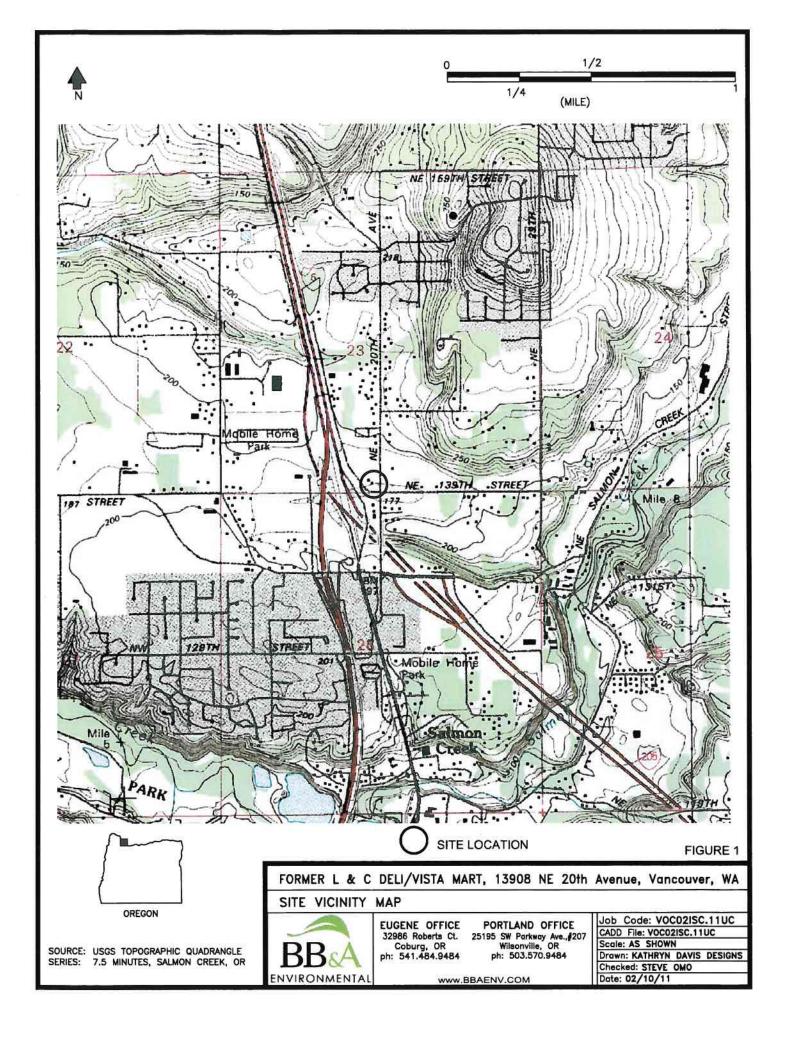
Attachment D:

CC:

UST Decommissioning Checklists and Forms

Don Holsinger, The 205 Group, 2151 NW 21st Place, Ridgefield, WA 98642













EUGENE OFFICE 32986 Roberts Ct. Coburg, OR ph: 541.484.9484

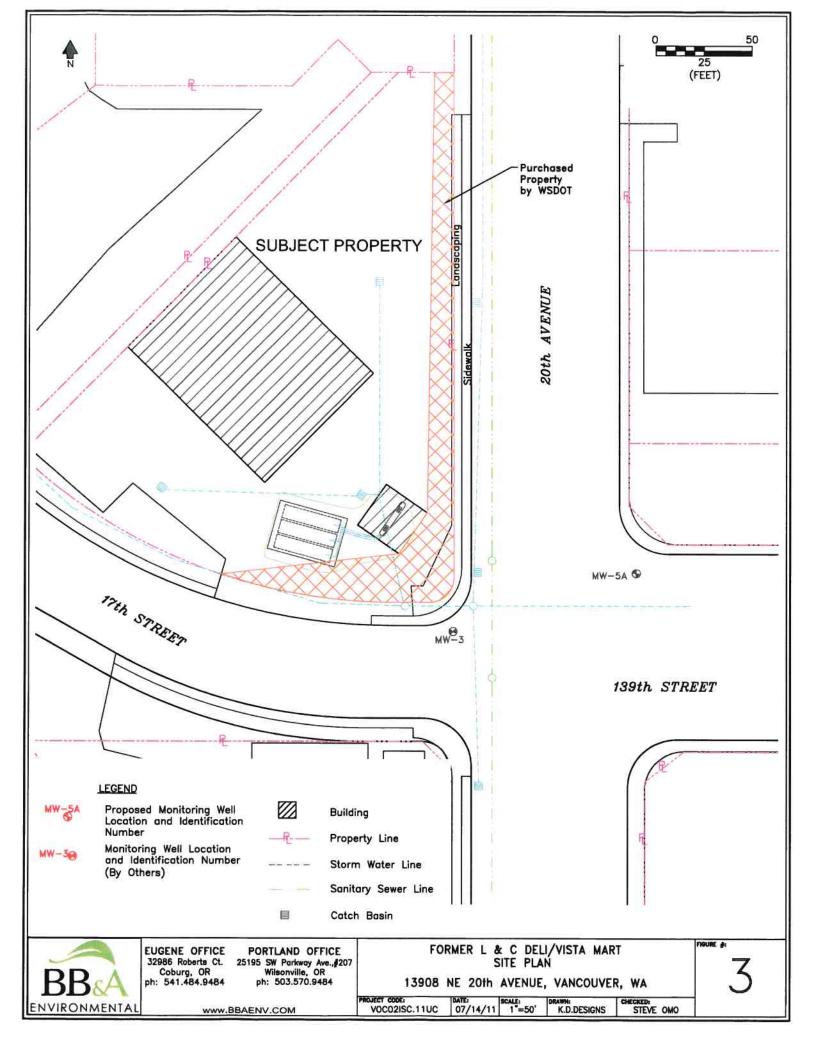
PORTLAND OFFICE 25195 SW Porkway Ave.,∦207 Wilsonville, OR ph: 503.570.9484

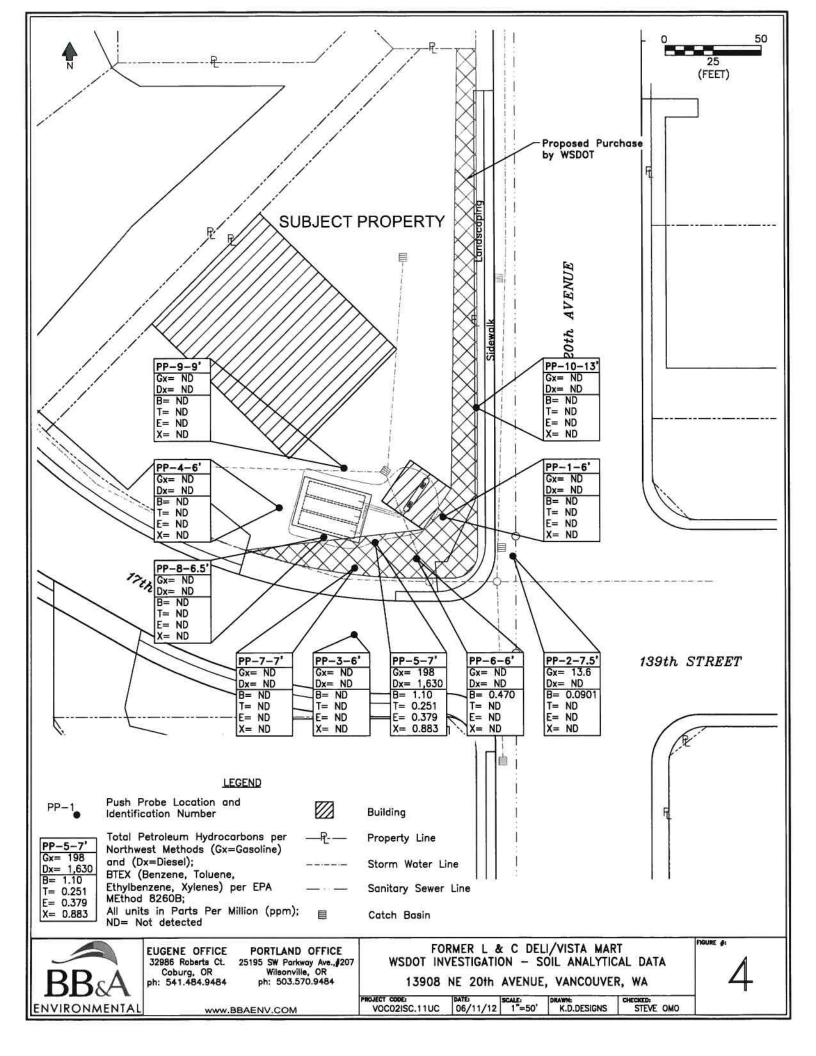
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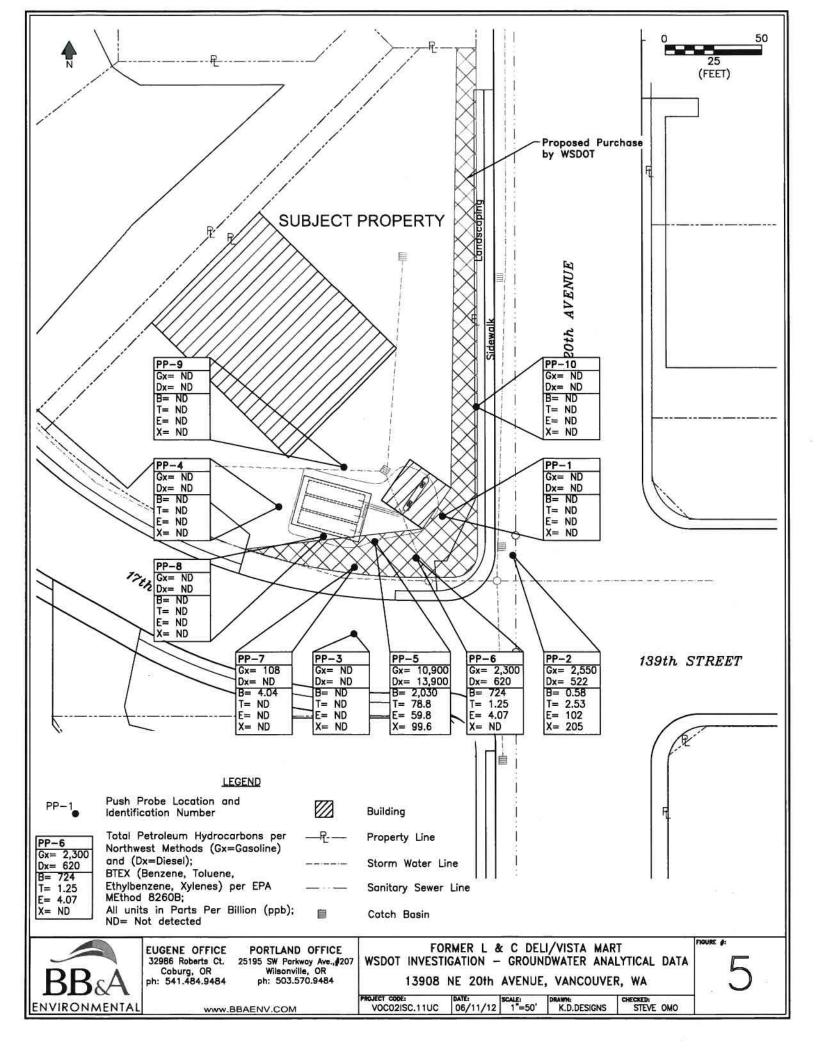
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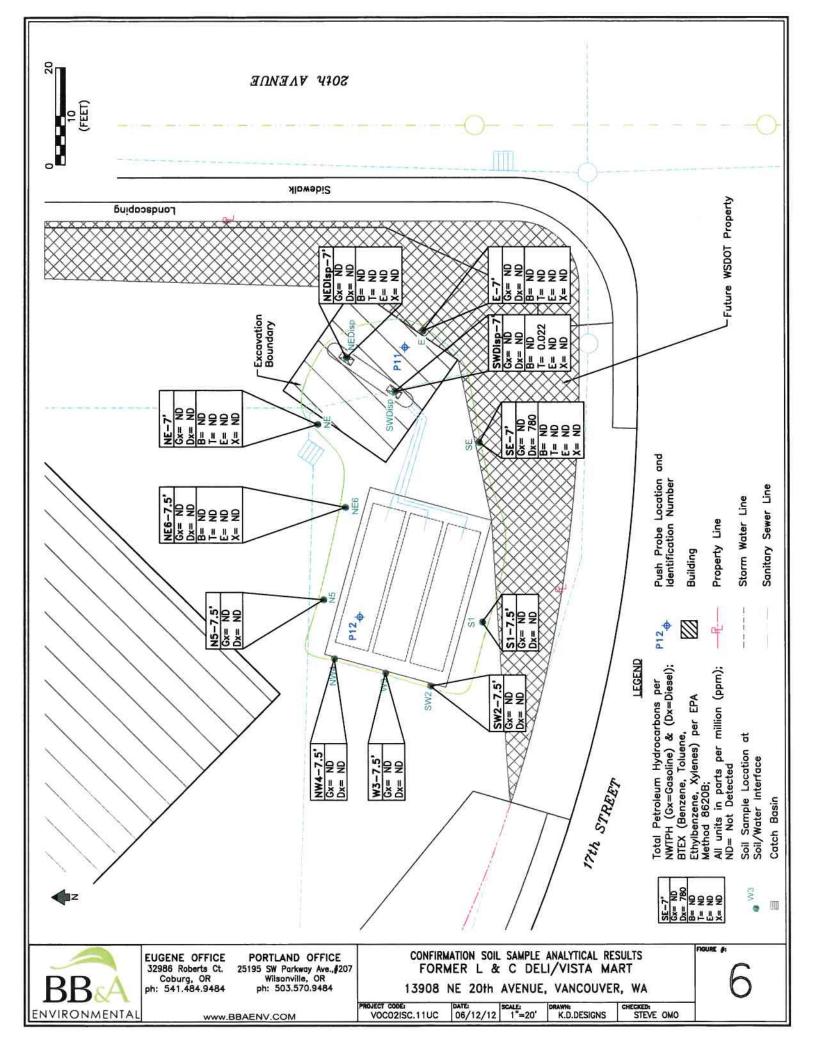
www.BBAENV.COM

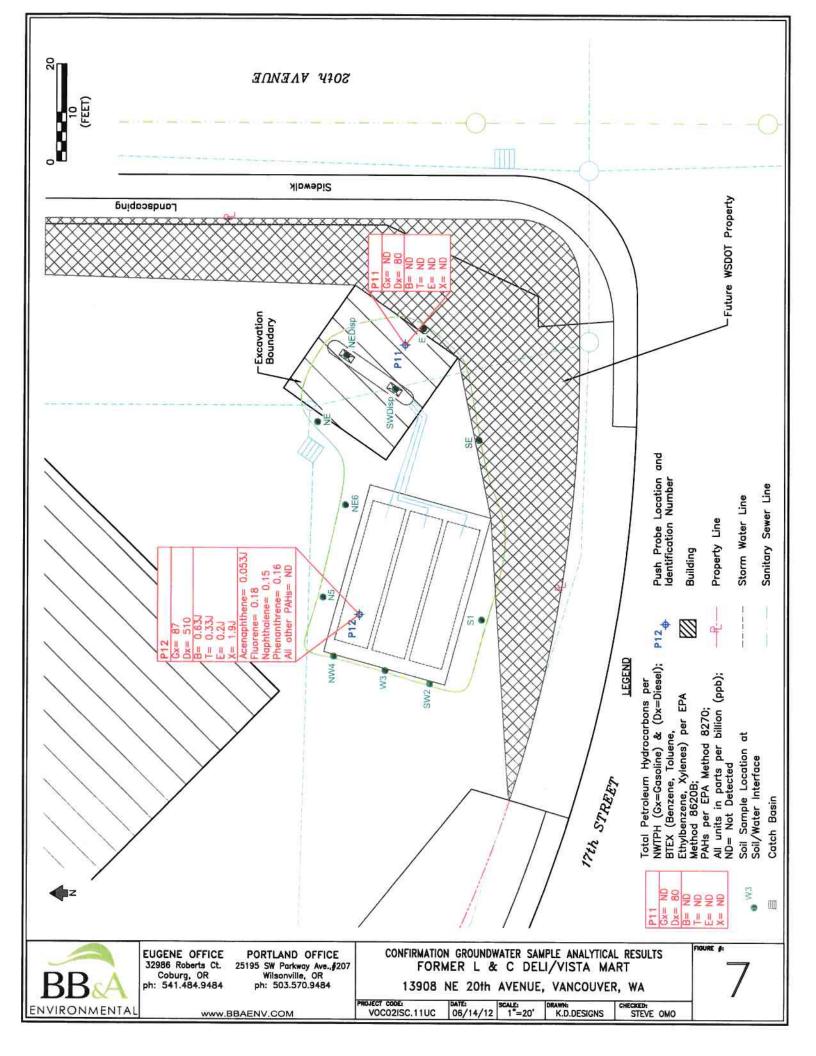
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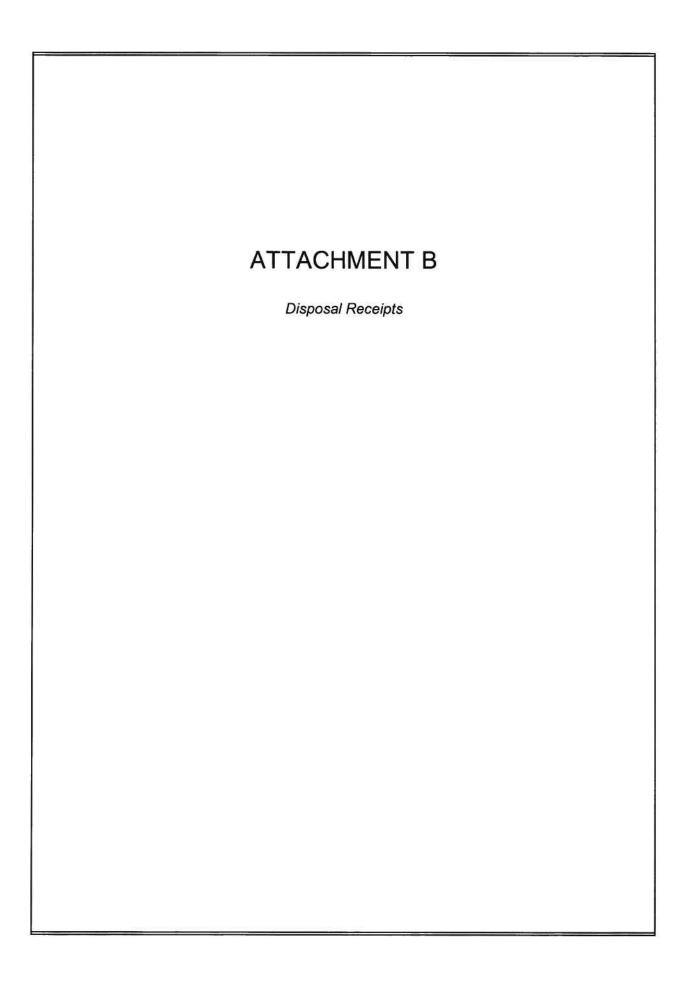










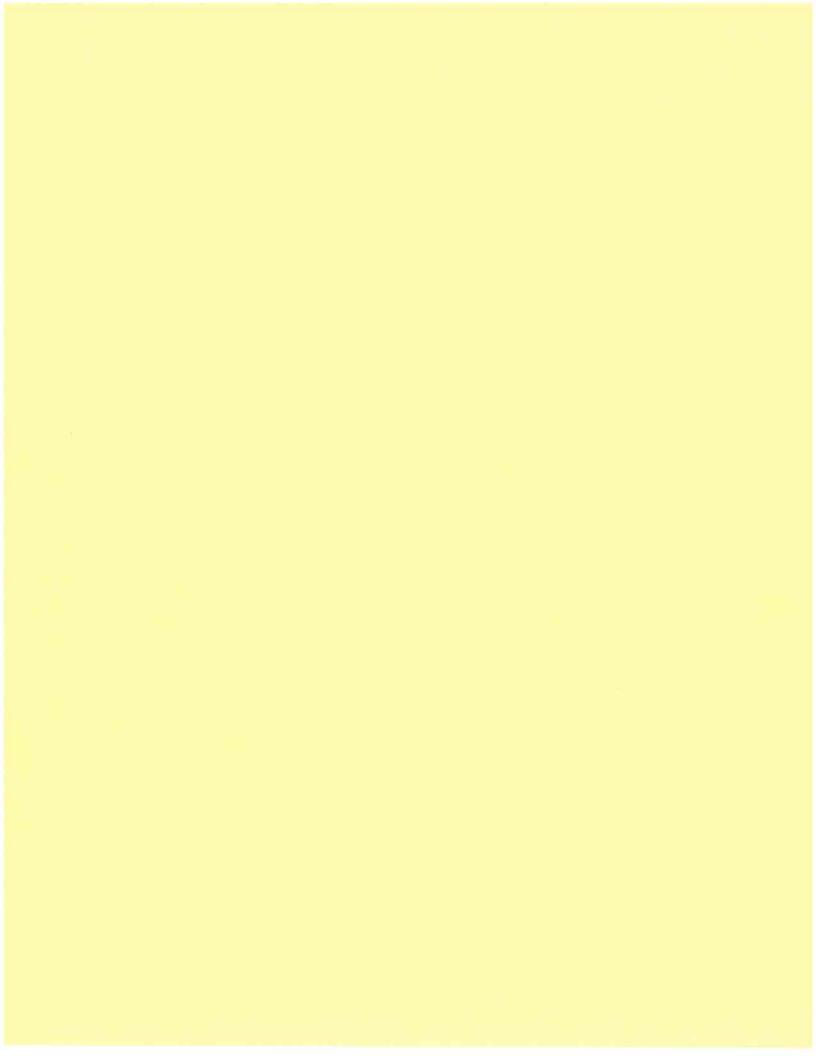


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Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, DR, 97123 Ph: (503)-640-9427

Original Ticket# 1287542

Volume

Justomer Name BERGESONBOES BB & A ENVIRONME Carrier

04/25/2012 icket Date

Payment Type Credit Account

fanual Ticket# Wauling Ticket#

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State Waste Code

Manifest

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Comments

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VOC@2DEC. 12UC 110305OR (PCS)

Semerator

OR-205 GROUP 205 GROUP

KEN MARTIN

Vehicle# 25

Container

Driver roger

Check#

Billing # Gen EPA ID N/A

Grid

Time

04/25/2012 16:21:20 04/25/2012 16:21:30 Outbound

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Operator Wef

WEF * Manual Weight

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Inbound

Gross Tare

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Net Tons

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Consumer Comments? We want to know: Please call.

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1 2	Cont Soil Pet-RGC- 13% FEA-13% FEA FE		42.05	Tons %	23.24 13.00		\$977.24 \$127.04	

Bar Mont

Total Tax Total Ticket

\$1104,26

miver's Signature

MANAMA



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, DR. 97123 Ph (593) -646-9427

Original Ticket# 1287632

Volume

Justomer Name BERGESONBOES BB & A ENVIRONME Carrier Ticket Date

04/26/2010

Payment Type Credit Account Amual Ticket#

Hauling Ticket# Route.

State Waste Code

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30 Profile

VOCGEDEC, 12UC 1103050R (PCS)

Benerator OR-205 GROUP 205 GROUP KEN MARTIN

Vehicle就 25

Container

Driver roger

Check#

Billing W 00000429 Gen EPA ID N/A

Grid

Gross 100200 1b* Operator Inbound Time Scale 43220 1b* Tare 04/26/2012 15:55:02 Inbound 1 IT: ajm 56980 1b Net 04/26/2012 15:55:02 2. j 16 · 28.49 * Manual Weight Tans

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We want to knows Flease wet11. Consumer Comments? WASTE MARAGERE

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Total Tax Total Ticket

\$745, 18



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1287584

Justomer Name BERGESONBOES BB & A ENVIRONME Carrier

icket Date

04/26/2012

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1103050R (PCS)

Consumer Comments?

OR-205 GROUP 205 GROUP

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04/26/2012 10:03:00

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* Manual Weight

17000

KEN MARTIN

Inbound

Vehiclet 25

Container

Driver roger

Checks

Billing # 0000429

Gen EPA ID M/A

Grid

Volume

Gross

Tare

Net

Tons

Operator

Product	LD%	Qty	NOM	Rate	Tax	Asount	Origin
Cont Soil Pet-1 13% FEA-13% FEA	F 14M	35, 84	Tons %	23.24 13. 0 0		\$632.92 \$108.28	

Total Tax Total Ticket

\$941,20

114908 1b#

43220 1b*

7168@ 1b

35, 94



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, DR, 97123 Ph: (503)-640-9427

Driginal Ticket# 1287612

Polume

Customer Name BERGESONBOES BB & A ENVIRONME Carrier

04/26/2012 Ticket Date

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest

Destination

Profile

VOCEEDEC. 12UC 1103050R (PCS)

Generator OR-205 GROUP 205 GROUP

04/26/2012 13:16:42

KEN MARTIN

Vehicles 25

Container

. Driver roger

Chreck#

Billing # 0000429

Gen EPA ID N/A

Grid.

Time 04/26/2012 13:16:42 In

Scale Inbound 1

Operator ajm

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Inbound

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Net Tons 64648 lb 32.32

Comments

Consumer Comments? We want to knows Please skill - 4

WASTELLAMAGENERY

JESTOROS N

* Manual Weight

Pro	duct	LD%	Qty	NOM	Rate	Тах	Amount	Origin
1	Cont Soil Pet-R6C-	100	32, 32	Tons	23.1	24	\$751.12	CLARK
2	13% FEA-13% FEA FE	100		12	13.4	00	\$97,65	CLARK



Total Tax Total Ticket

\$840,77

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Hillsboro Landfill, Inc 3205 BE Minter Bridge Hillsbore, OR, 97123 Ph: (503)-640-9487

Original Ticket# 1287635

Volume

Justomer Name BERGESONBOES BB & A ENVIRONME Carrier

Ticket Date

04/26/2012

Payment Type Dredit Account

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Hauling Ticket#

Youte

State Waste Code

fanifest

Destination

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VOC@2DEC. 12UC 1103050R (PCS)

Profile

Benerator

OR-205 GROUP 205 GROUP

Time

04/26/2012 16:08:19 Jut 04/26/2012 16:08:19

Inbound_1

* Manual Weight

KEN MARTIN

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Billing # 0000429

Gen EPA ID N/A

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D .	13% FFG-13% FFG FF	1 171171		54	13.00		\$73,99	DI ARK

Total Tax Total Ticket

\$295,44



Hillsboro Landfill, Inc - Second SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1287615

Volume

Dustomer Name BERGESONBOES BR & A ENVIRONME Carrier KEN MARTIN

Ticket Date

04/26/2012

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest na

Destination

20 Profile

VOCGEDEC, 12UC 110305OR (PCS)

Benerator"

OR-205 GROUP 205 GROUP

Vehicle# 24

Container

Driver jerry

· Check#

Billing # 00000429

Sen EPA ID N/A

Brid

Time

04/26/2012 13:27:51

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Operator

Inbound

Grass Tare

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Jut 04/26/2012 13:27:51

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2	134 FEA-134 FEA FE	100		%	13.00		185.02	CLARK	.5.

Total Tax Total Ticket

\$738,99



Millsboro Landfill, Inc 3205 SE Minter Aridge Hillsbore, OR, 17123 Ph: (503)-646-9427

Uriginal Ticket# 1257589

Justomer Name BERGESONBOES BB & A ENVIRONME Carrier icket Date 04/26/2012

Payment Type Credit Account

ianual Ticket# Wauling Ticket#

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1103050R (PCS)

Benerator

DR-205 GROUP 205 GROUP

VOCGEDEC. 12UC

Time: 04/26/2012 10:29:08 July 04/26/2012 10:29:08

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Manual Weight

KEN MARTIN

Vehicle# 24

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Driver ierry

Check

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Consumer Comments? We want to know . Please mell.

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Total Tax Total Ticket

\$799,98



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsborg, DR. 97123 Phil (503) -640-9487

Uriginal Ticket# 1287543

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Customer Name BERGESONBOES BB & A ENVIRONME Carrier ficket Date

04/25/2012

Daywent Type Credit Account

Manual Ticket#

Hauling Ticket# Route

State Waste Code

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Destination

OC

Profile Benerator VOC@2DEC. 12UC 1103050R (PCS)

OR-205 GROUP 205 GROUP

KEN MARTIN

Vehicle* 24

Container

Driver jerry

Checke

Billing # 00000429

Gen EPA ID N/A

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04/25/2012 16:22:07 04/25/2012 16:27:28

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107400 15* 39060 1b

Net Tons 68340 lb 34.17

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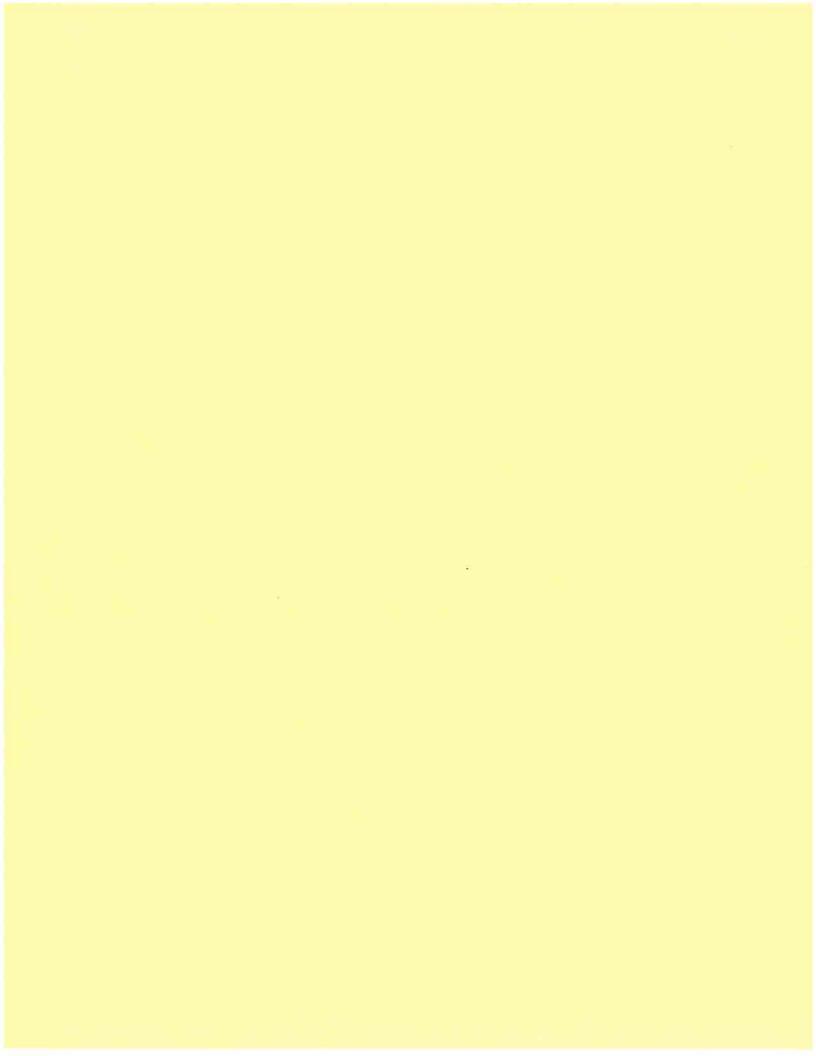
Consumer Comments? We want to know. "Please call. 选 类程 主义 水杨醇生活 医二氏性

Product LD% LIOM Origin Qty Rate Tax Amount Cont Soil Pet-RGC- 100 34.17 Tons 23.24 \$794.11 CLARK 13% FEA-13% FEA FE 100 1/2 13.00 \$103.23 CLARK

> Total Tax Total Ticket

\$897.34

river's Signature



J. L. Storedahl & Sons, Inc.

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DATE /27/2012 TIME 104:40 PM 1050 STOMER: 1250 15C. Sales 233 Talley Way ELSO, WA 98626 NO. 2"-4" Crushed Freight Accum. Amount Ton	a TALLEY WAY KI 360 & Sons, Inc. Is not products due to so se thereof, or general JOB: Credit BB&A En ZONE:	ESG WASHINGD 836-2420* responsible for da It ground, misdire I conditions unsult Cand on Fi Virmental	Min 98626 mages incurred from calcon by customer or able for truck traffic. The at Office HAULED BY: 30.33 Ton	TAUCKNO. M24 LICENSE: Martin #24	Type TT 333.63 Ø.00
DATE /27/2012 TIME 104140 PM 1250 15C. Sales 233 Talley Way ELSO, WA 98626 NO. 2"-4" Crushed Freight Accum. Amount Ton Cation Where Weighed: LONGVIEW	a TALLEY WAY KI 360 & Sons, Inc. Is not products due to so se thereof, or general JOB: Credit BB&A En ZONE:	ESG WASHINGD 836-2420" responsible for daily frequent, misdired is conditions unsult Card on Fivernental	MANULED BY: WAS 30. 33 Ton 49. 79 Tons	TAUCKNO. M24 LICENSE: .Martin #24 11.02 0.00	333.63 0.00

J. L. Storedahl & Sons, Inc.

DATE 27/2012 2233 TALLEY WAY * KELSO, WASHINGTON 98626 360, 636-2420 21 MF PM J.L. Storedahl & Sons, Inc. is not responsible for damages incurred from 510123 the delivery of products due to soft ground, misdirection by customer or representatives thereof, or general conditions unsuitable for truck traffic. TOMER: 1350 TRUCK NO. Type so. Sales with **A10700**E Credit Card B3 Talley Way LICENSE: LSO, WA 98626 Mertin ZONE DUCT CODE 3"-8" Crushed 29.19 Ton 9.00 262 - 71 0.00 Freight 10.100 Accum, Amount 48.79 1005 Subtotal Ton 61.24 Grossi 262.71 TIONWHERE 19.60 Tons .20,23 Tares TAX WEIGHED LIVINGSTON QUARRY 29.19 Tons Not: lotal WEIGHMASTER Nichole EIVED BY. X DRIVER ON DRIVER OFF

J. I. Storedahl & Sons Inc.

Appropriate to the second				ino, inc.				
DATE /27/2012	2233 TALLEY WAY • KELSO, WASHINGTON 98626 960-636-2420							
47:36 AM	J.L. Storedahl & the delivery of prepresentatives	roducts due to 4	110KET NO					
ISTOMER: 1360 Isc. Soles 233 Tailey Way Elso. UA 98626		Paid with Credit Card /			TRUCKNO. A 10700E 3	Type 1		
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2000年中国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国	4 ⁱⁿ Crushed ight		S	30.40 Ton	9.00 0.00	275.60 0.00		
ads 2	Accum. Amount Ton	62.44	eross:	50.00 Tons 19.60 Tons	Subtotal.	273.6Ø		
ATION WHERE WEIGHED:	LIVINGSTON QUA	RRY .	Jare:		Tax	21,07		
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7.27 / 201.2 2233 T		KELSO, WASHINGT 636-2420	ON 98626	(A) Toke	MO PER SELECTION
127 24 4 M	nducts due to s	off ground misdire	mages incurred from ction by customer or able for truck traffic.	100 A	128
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).NO:	ZONE:	7.00.2	HAULED BY:		THE STATE OF THE S
A 1/2"-3/4" Crushed Freight			30.14 Ton	9.00 9.00 0.00	271,26 0.00
	95.07	Gross:	dp.74 lons 19.50 lons	subtotal : Tex	271.26 20.89
CATION WHERE WEIGHED: LIVINGSTON QUAI	RRY	No.	30.14 Tons	Total	292.15
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ISTOMER: 1350 isc. Sales 233 Talley Way	JOB:	ith Credit		TRUCKNO: 75281PR	Type:
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I PAODICT			MUCM	TONTERGE S	Z.EXTENEJON,
3 2 1/2"-1 1/2" Crushe Freight	d		31,36 Ton	9.00 0.00	282.24 0.00
	95 : 67		51.17 Jons"	:Subtotal	282,24
CATION WHERE LIVINGSTON QUAI		Tare:	19.81 Tons	Tax Total	21.73
WEIGHMASTER Nichole	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	The same of the sa	91,09,1000	DESCRIPTION OF THE PROPERTY OF	303.97

/27/2012			ELSO, WASHING 636-2420	TON 98626		
16:57 PM	the delivery of produ	ns, Inc. is not t acts due to sol	responsible for da ft ground, misdire	mages incurred from action by customer or table for truck traffic.	510 510	TNO:
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NO.	Z	ONE:		HAULED BY:		
1 1/2"-3 Freight	PRODUCT 3/4" Crushed			AMGUNI/	9.00 0.00	295, 83 0,00
2 1 c		.01		52.66 Tons 19.81 Tons	Subtotal" Tex	295.83 22.78
	(VINGSTON QUARR° choie		Net:	32.87 Tons	Total	318.61
ECEIVED BY, X			- DRIVER		DRIVER OFF:	
	J. L. St	юте da	hl & So	ns, Inc.		
	2233 TAL	LEY WAY • KE 360 as, Inc. is not r	ELSO WASHING 636-2420 responsible for da	TON 98626 mages incurred from	F10	
27/2012 47:3ME PM STOMER: 1350 ac. Sales 23 Talley Way	J.L. Storedah & Sor the delivery of produ representatives there	LEY WAY * KE 360 as, Inc. is not released to sole lets due to sole eof, or general OB:	ELSO, WASHING 636-2420 responsible for da ft ground, misdire	TON 98626 images incurred from iction by customer or table for truck traffic.		FiNO 1720 Type
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27/2012 47:3% PM STOMER: 1350 ac. Sales 28 Talley Way 150, WA 98626	J.L. Storedahl & Son the delivery of produ- representatives there	LEV WAY * KE 360 as, Inc. is not r ucts due to sole ed, or general OB:	ELSO, WASHING 696-2420 responsible for da ft ground, misdire conditions unsul	TON 98626 unages incurred from ction by customer or table for truck traffic. Cand	TRUCK NO. 75281PR LIGENSE: 50 Inc	7120 Type
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DATE 27./2012	.360	ELSO, WASHINGTON 98626 636-2420	TROKET NO.
TIME :30:32 PM	the delivery of products due to so	responsible for damages incurred from ft ground, misdirection by customer or I conditions unsuitable for truck traffic.	510114
TOMER: 1350 sc. Sales 33 Talley Way 150, WA 98626	JOB: Paid wit	h Credit Card	TRUCKNO. Type 75281PR T LICENSE:
NO.	ZONE:	HAULED BY:	
2"-4" Crush Freight	ed	32.13 Ton	9.00 289.17 0.00 0.00
	192.00 GSTON QUARRY	Gross: 51.94 Tons Tare: 19.81 Tons Net: 32.13 Tons	Subtotal 289.17 Tax 22.27 Total 311.44
WEIGHMASTER Nicho	ile	DRIVER ON:	DRIVER OFF:
	2233 TALLEY WAY - 1 360	hl & Sons, Inc. KELSO, WASHINGTON 98626 0 636-2420	TO CANO
L: LZIME AM	the delivery of products due to 5	t responsible for damages incurred from soft ground, misdirection by customer or rai conditions unsuitable for truck traffic.	510108
STOMER: 1350 isc. Sales 233 Talley Way	JOB:	th Credit Card	TRUCK NO. Type 75281PR TT
ELSO, WA 98626 No.	ZONE:	HAULED BY:	SI Inc
6 2"-4" Grus Ereight		- 32,40 Jon	9.00 291.60 0.00 0.00
pads: Accum, Am 4 Tøn 0CATION WHERE WEIGHED: 1 TVI	ount 127.03 NGSTON QUARRY	Gross: 52.21 Tons Taile: 19.81 Tons	Subtotal 291.60 Tax 22.45
WEIGHMASTER NICH		Net: 32.40 Tons	Total 314 05
		DRIVER ON:	DRIVER OFF:

DATE 2233 TALLEY WAY • KELSO, WASHINGTON 98626 360 636-2420 127/2012 146:27 AM J.L. Storedahl & Sons, Inc. is not responsible for damages incurred from 510095 the delivery of products due to soft ground, misdirection by customer or representatives thereof, or general conditions unsuitable for truck traffic. USTOMER: 1350 TRUCK-NO. Type lisc. Sales Paid with Credit Card 75281PR 233 Talley Way LICENSE: ELSO, WA 98626 CS# Inc O. NO. ZONE: HAULED BY: RODUCT CODE 2"-4" Crushed 32.04 Ton 9,00 288136 Freight 0 00 0.00 oads: Accum. Amount 32.64 Subtotal fon 51.85 Tons 288.36 GATION WHERE Tare: 19.81 Tone Tax 22.20 WEIGHED: LIVINGSTON QUARRY Netz 32.04 Tons Total 310.50 WEIGHMASTER Nichole RECEIVED BY: X DRIVER ON DRIVER OFF J. L. Storedahl & Sons. Inc.

/27/2012	2283		KELSO, WASHING 0-636-2420	TON 98626	GEKE	
J.L. Storedahl & Sons, Inc. is no the delivery of products due to representatives thereof, or gene			oft ground, misdire	ection by customer or)1 3 1
ustomen 135 Lisc. Sale		JOB Paid wi	th Credit	Card 5	##UCK NO #87275C 7	Type T
238 Talley Way Elso, WA 98626				LICENSE:		
				The state of the s	eη Martin	
0.NO.		ZONE:	Sala 1900 will refresh	HAULED BY:		
HODIOT CODE	PROBLET			AMOUNT	CONTINUE	EXTENSION
	2 1/2"-1 1/2" Crushe Freight	4		32.15 Ton	9.00 0.00	269.35 0.00
oads:	Accum. Amount	64.21	Gross:	54.50 Tons	Subtotal	289.35
OCATION WHERE WEIGHED:	LIVINGSTON QUA	RRY	Tare: Net:	22.35 Tons 32.15 Tons	Tax Total	22.28
WEIGHMAST	ren Nichale		l le c	02.40 TVIIS	1,000	
RECEIVED BY: X		•	DRIVE	ION:	DRIVER OFF:	

DATE 27/2012 2233 TALLEY WAY • KELSO, WASHINGTON 98626 360 636-2420 MOKET NO J.L. Storedahl & Sons, Inc. is not responsible for damages incurred from 510129 16 TMF PM the delivery of products due to soft ground, misdirection by customer or representatives thereof, or general conditions unsuitable for truck traffic. TRUCK NO. Type STOMER: 1350 B87275C Pald with Credit Card isc. Sales 233 Talley Way LICENSE: ELSO, WA 98626 Martin HAULED BY: NO. RODUCT CODE PRODUCT 9.00 288.54 2 1/2"-1 1/2" Crushed 32,06 Ton 0.00 0.00 Freight ads: Accum, Amount Subtotal 288.54 64 41 Tons 32.06 Grossi Ton 22.35 Tons 22.22 TAX Tare: CATION WHERE WEIGHED: LIVINGSTON QUARRY Total 32.06 Jons 510.76 Net: WEIGHMASTER Wichole DRIVER OFF ECEIVED BY: X DRIVER ON

J. L. Storedahl & Sons, Inc.

DATE 2233 TALLEY WAY * KELSO, WASHINGTON 98626 360-636-2420 /27/2012 TICKET NO. J.L. Storedahl & Sons, Inc. is not responsible for damages incurred from : 43:55 PM 510119 the delivery of products due to soft ground, misdirection by customer or representatives thereof, or general conditions unsuitable for truck traffic TRUCK NO. Type USTOMER: 1350 Paid with Credit Card BB7275C lisc. Sales 233 Talley Way LICENSE ELSO. WA 98626 Keh Martin HAULED BY: O'NO. MODUCT CODE 9.00 300.51 2"-4" Crushed 33.39 Ion 0.00 0.00 Freight Accum, Amount oads: 55.74 Tons Subtotal 300.51 Gross: 258.95 Ton 23.14 22.35 Tons Tax Tare: OCATION WHERE WEIGHED; LIVINGSTON QUARRY 523.60 Total 33.39 Tons Net: WEIGHMASTER Nichole . RECEIVED BY: X DRIVER ON DRIVER OFF:

DATE 27/2012	2233 TAILEY WAY • KELSO, WASHINGTON 98626 360 636-2420 J.L. Storedahl & Sons, Inc. is not responsible for damages incurred from				
:32:02 PM ∖ the del	the delivery of products due to soft ground, misufaction by customer or representatives thereof, or general conditions unsuitable for truck fraffic.				
STOMER: 1350 Sol Sales 33 Talley Way LSO, WA 98626	JOB:	th Credit Card	TRUCK NO. Type B87275C TT LICENSE: Ken Martin		
NO.	ZONE:	HAULED BY:	1 1 1 2 1 1		
ODVET CODE PROI	HOCT	= AMOUNT	UNITEPRICE EXTEN		
2"-4" Crushed Freight		39.56 Ton	9,00 302.0 0,00 0.0		
Accum, Amount	225.56	Gröss: 55.91 Tons	Subtotal 302.0		
CATION WHERE LIVING STOR	N QUARRY	Tale: 22,95 Tons	Tax 23.2		
WEIGHMASTER Nichole		Net: 33.56 lons	Total 325.3		
ECEIVED BY: X	9	DRIVER ON:	DRIVER OFF:		
	I L. Stoned	ahl & Sons, Inc.			
	,. <u> </u>				

11:13MF1	A III	f products due to so	ft around, misaire	mages incurred from ection by customer or table for truck traffic.		109
CUSTOMER: 13 Misc. Sal 2233 Tall KELSO, WA	50 es: ey Way	JOB:	th Credit	Card	BB7275C LICENSE:	Type T
PO NO. 71	PRODUCT	jo ZONE:		HAULED BY:	d nar Lati	# SATURICE
66	2"-4" Crushed Freight			32.84 Ton	CONTRACTOR OF THE PARTY OF THE	295.56 _0.00
Loads: 5 LOCATION WHEF WEIGHE		159.87 WARRY	Grossid Tare:	55,19 Tons 22,35 Tons	Subtotal Tax Total	295.56 22.76
WEIGHMA			Net:	32.84 Tons	DRIVER OFF:	

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USTOMER 1850 11sc. Sales 233 Talley Way Else, WA 98626	Paid with Credit Card	D.	RRICKNO. RRICTSC. LICENSE. KAH MAPTI.	TVpe
O. NO.	ZONE	HAULED BY:		
PROBUCT GODE 2"-4" Crushed Freight		MedN:	100 Brief 9. 00 0. 00	10- 00 289.71 0.00 29.00
Accume Amour	TALES STON STONES STATES STATE	54.64 Tons 22.35 Tons 32.19 Tons	Subtotal Tax Total	289.71 22.31 912.02
WEIGHWASTER N. C. FOLKE	DBIVER ON:		DRIVER OFF.	

ATTACLINATING
ATTACHMENT C
Laboratory Reports and Chain-of-Custody Documents



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Portland 9405 SW Nimbus Ave. Beaverton, OR 97008 Tel: (503)906-9200

TestAmerica Job ID: 250-2179-1

TestAmerica Sample Delivery Group: VOC02DEC.12UE

Client Project/Site: L&C Deli

For:

BB&A Environmental 25195 SW Parkway Ave Suite # 207 Wilsonville, Oregon 97070

Attn: Steve Omo

Vannsa Fran

Authorized for release by: 5/6/2012 7:15:38 PM

Vanessa Frahs
Project Manager I
vanessa.frahs@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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: BB&A Environmental Project/Site: L&C Deli

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C Sample Results	10
ertification Summary	12
hain of Custody	
eceipt Checklists	14

Sample Summary

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2179-1 SDG: VOC02DEC.12UE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
250-2179-1	VOC02-S1-7.5	Solid	04/25/12 15:20	04/25/12 16:35
250-2179-2	VOC02-SW2-7.5'	Solid	04/25/12 15:25	04/25/12 16:35
250-2179-3	VOC02-W3-7.5'	Solid	04/25/12 15:30	04/25/12 16:35
250-2179-4	VOC02-NW4-7.5'	Solid	04/25/12 15:35	04/25/12 16:35
250-2179-5	VOC02-N5-7.5'	Solid	04/25/12 15:40	04/25/12 16:35

Case Narrative

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2179-1 SDG: VOC02DEC.12UE

Job ID: 250-2179-1

Laboratory: TestAmerica Portland

Narrative

Receipt

The samples were received on 4/25/2012 4:35 PM; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 14.80 C.

Except:

The following sample(s) was received at the laboratory outside the required temperature criteria: . The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

GC VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Definitions/Glossary

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2179-1 SDG: VOC02DEC.12UE

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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: BB&A Environmental Project/Site: L&C Deli	TestAmerica Job ID: 250-2179- SDG: VOC02DEC.12U					
Client Sample ID: VOC02-S1-7.5'	Lab Sample ID: 250-2179-1					
No Detections						
Client Sample ID: VOC02-SW2-7.5'	Lab Sample ID: 250-2179-2					
No Detections						
Client Sample ID: VOC02-W3-7.5'	Lab Sample ID: 250-2179-3					
No Detections						
Client Sample ID: VOC02-NW4-7.5'	Lab Sample ID: 250-2179-4					
No Detections						
Client Sample ID: VOC02-N5-7.5'	Lab Sample ID: 250-2179-5					
No Detections						

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2179-1

SDG: VOC02DEC.12UE

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

Client Sample ID: VOC02-S1-7.5'							Lab	Sample ID: 250	
Date Collected: 04/25/12 15:20								Matri	x: Solic
Date Received: 04/25/12 16:35								Percent Soli	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		5500	1800	ug/Kg	ø	04/26/12 19:20	04/27/12 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	95		50 - 150				04/26/12 19:20	04/27/12 12:33	1
Client Sample ID: VOC02-SW2-7.5'							Lab	Sample ID: 250	2179-2
Date Collected: 04/25/12 15:25								Matri	x: Solid
Date Received: 04/25/12 16:35								Percent Soli	ds: 71.8
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		5200	1700	ug/Kg	<u> </u>	04/26/12 19:20	04/27/12 11:37	· 1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		50 - 150				04/26/12 19:20	04/27/12 11:37	1
Client Sample ID: VOC02-W3-7.5'							Lab	Sample ID: 250	0-2179-3
Date Collected: 04/25/12 15:30								Matr	x: Solid
Date Received: 04/25/12 16:35								Percent Soli	ds: 72.2
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		5400	1800	ug/Kg	ō	04/26/12 19:20	04/27/12 11:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	89		50 - 150				04/26/12 19:20	04/27/12 11:09	
Client Sample ID: VOC02-NW4-7.5'							Lab	Sample ID: 250	0-2179-4
Date Collected: 04/25/12 15:35								Matr	ix: Solid
Date Received: 04/25/12 16:35								Percent Soli	ds: 71.8
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND	£	5400	1700	ug/Kg	Þ	04/26/12 19:20	04/27/12 10:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	99		50 - 150				04/26/12 19:20	04/27/12 10:41	3
Client Sample ID: VOC02-N5-7.5'							Lab	Sample ID: 25	0-2179-5
Date Collected: 04/25/12 15:40								Matr	ix: Solic
Date Received: 04/25/12 16:35								Percent Soli	ds: 73.3
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		5300	1700	ug/Kg	ō	04/26/12 19:20	04/27/12 10:13	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	102		50 - 150				04/26/12 19:20	04/27/12 10:13	9

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2179-1 SDG: VOC02DEC.12UE

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

Client Sample ID: VOC02-S1-7.5'							Lab	Sample ID: 250	
Date Collected: 04/25/12 15:20								Matri	x: Solid
Date Received: 04/25/12 16:35								Percent Soli	ds: 72.1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	ND		17	17	mg/Kg	Þ	04/25/12 20:37	04/26/12 09:05	
RRO (nC25-nC36)	ND		35	35	mg/Kg	ø	04/25/12 20:37	04/26/12 09:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	84		50 - 150				04/25/12 20:37	04/26/12 09:05	1
Client Sample ID: VOC02-SW2-7.5'							Lab	Sample ID: 250	-2179-2
Date Collected: 04/25/12 15:25								Matri	x: Solid
Date Received: 04/25/12 16:35								Percent Soli	ds: 71.8
Analyte	Result	Qualifier	RL.	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	ND		17	17	mg/Kg	- 0	04/25/12 20:37	04/26/12 09:23	
RRO (nC25-nC36)	ND		35		mg/Kg	Ф	04/25/12 20:37	04/26/12 09:23	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	78		50 - 150				04/25/12 20:37	04/26/12 09:23	-
Client Sample ID: VOC02-W3-7.5'							Lab	Sample ID: 250	2470 2
Date Collected: 04/25/12 15:30							Lau		
								The second second	x: Solid
Date Received: 04/25/12 16:35	B	0	-		11-14			Percent Soli	
Analyte	Result	Qualifier	RL	2002	Unit	— D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	ND		17	17			04/25/12 20:37	04/26/12 13:27	
RRO (nC25-nC36)	ND		34	34	mg/Kg	ø	04/25/12 20:37	04/26/12 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	81		50 - 150				04/25/12 20:37	04/26/12 13:27	7
Client Sample ID: VOC02-NW4-7.5'							Lab	Sample ID: 250	0-2179-4
Date Collected: 04/25/12 15:35								Matri	x: Solic
Date Received: 04/25/12 16:35								Percent Soli	ds: 71.8
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	ND		17	17	mg/Kg	ø	04/25/12 20:37	04/26/12 09:58	-
RRO (nC25-nC36)	ND		35	35	mg/Kg	Ф	04/25/12 20:37	04/26/12 09:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	81		50 - 150				04/25/12 20:37	04/26/12 09:58	
Client Sample ID: VOC02-N5-7.5'							Lab	Sample ID: 250)-2179-f
Date Collected: 04/25/12 15:40								-	ix: Solic
Date Received: 04/25/12 16:35								Percent Soli	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	ND		17	17		— -	04/25/12 20:37	04/26/12 10:37	
RRO (nC25-nC36)	ND		34		mg/Kg	۵	04/25/12 20:37	04/26/12 10:37	Š
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2179-1 SDG: VOC02DEC.12UE

General Chemistry

Client Sample ID: VOC02-S1-7.5'							Lab	Sample ID: 250	
Date Collected: 04/25/12 15:20								Matri	x: Solid
Date Received: 04/25/12 16:35 Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	28		0.010	0.010	%			04/25/12 19:48	
Percent Solids	72		0.010	0.010	%			04/25/12 19:48	9
Client Sample ID: VOC02-SW2-7.5'							Lab	Sample ID: 250	-2179-2
Date Collected: 04/25/12 15:25								Matri	x: Solid
Date Received: 04/25/12 16:35									
Analyte	101000000000000000000000000000000000000	Qualifier	RL	17.50	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	28		0.010	0.010	%			04/25/12 19:48	1
Percent Solids	72		0.010	0.010	%			04/25/12 19:48	1
Client Sample ID: VOC02-W3-7.5'							Lat	Sample ID: 250	0-2179-3
Date Collected: 04/25/12 15:30								Matri	ix: Solid
Date Received: 04/25/12 16:35									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	28	-	0.010	0.010	%			04/25/12 19:48	- 1
Percent Solids	72		0.010	0.010	%			04/25/12 19:48	1
Client Sample ID: VOC02-NW4-7.5'							Lat	Sample ID: 250	0-2179-4
Date Collected: 04/25/12 15:35								Matri	ix: Solid
Date Received: 04/25/12 16:35									
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	28		0.010	0.010				04/25/12 19:48	1
Percent Solids	72		0.010	0.010	%			04/25/12 19:48	191
Client Sample ID: VOC02-N5-7.5'							Lat	Sample ID: 250	0-2179-5
Date Collected: 04/25/12 15:40								Matri	ix: Solid
Date Received: 04/25/12 16:35 Analyte	Regult	Qualifier	RL	PI	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	27	Madellife	0.010	0.010	O PRINTING		riepared	04/25/12 19:48	Dirac
Percent Solids	73		0.010	0.010				04/25/12 19:48	
reicent sonus	13		0.010	0.010	24			0 1/20/12 10.40	

QC Sample Results

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2179-1 SDG: VOC02DEC.12UE

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

Lab Sample ID: MB 250-4261/1-A

Matrix: Solid

Analysis Batch: 4307

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4261

MB	MB
INID	IAID

Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 3800 04/26/12 19:20 04/27/12 09:31 ND 1200 ug/Kg Gasoline Range Hydrocarbons

MB MB

Surrogate Qualifier Limits Prepared Analyzed Dil Fac %Recovery a,a,a-Trifluorotoluene (fid) 103 50 - 150 04/26/12 19:20 04/27/12 09:31

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4261

Lab Sample ID: LCS 250-4261/2-A Matrix: Solid

Analysis Batch: 4307

LCS LCS

Limits %Recovery Qualifier Surrogate 50 - 150 a,a,a-Trifluorotoluene (fid) 109

Client Sample ID: VOC02-SW2-7.5'

Prep Type: Total/NA

Prep Batch: 4261

Lab Sample ID: 250-2179-2 MS Matrix: Solid

Matrix: Solid

Analysis Batch: 4307

Analysis Batch: 4307

Lab Sample ID: 250-2179-1 DU

MS MS

Limits %Recovery Qualifier Surrogate 50 - 150 94 a,a,a-Trifluorotoluene (fid)

Client Sample ID: VOC02-S1-7.5'

Prep Type: Total/NA

Prep Batch: 4261

DU DU Sample Sample RPD Result Qualifier Result Qualifier Unit D Limit Analyte ø ug/Kg NC ND ND Gasoline Range Hydrocarbons

DU DU

%Recovery Qualifier Limits Surrogate 91 50 - 150 a,a,a-Trifluorotoluene (fid)

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

Lab Sample ID: MB 250-4206/1-A

Lab Sample ID: LCS 250-4206/2-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 4236

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4206

MB MB Result Qualifier RL RL Unit Prepared Analyzed Dil Fac Analyte DRO (C10-C25) ND 12 12 mg/Kg 04/25/12 20:37 04/26/12 09:40 ND 25 25 mg/Kg 04/25/12 20:37 04/26/12 09:40 RRO (nC25-nC36)

MB

Qualifier Limits Prepared Dil Fac Surrogate %Recovery Analyzed 50 - 150 04/25/12 20:37 04/26/12 09:40 1-Chlorooctadecane

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4206

Analysis Batch: 4236 LCS LCS Spike %Rec.

Added Analyte Result Qualifier Unit %Rec 98.4 50 - 150 DRO (C10-C25) 124 mg/Kg 79

> TestAmerica Portland 5/6/2012

QC Sample Results

74.6

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2179-1 SDG: VOC02DEC.12UE

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

Lab Sample ID: LCS 250-4206/2-A

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Matrix: Solid Analysis Batch: 4236

RRO (nC25-nC36)

Analyte

Prep Batch: 4206

Andi	9515	Dute	-111	7200

Spike	LCS	LCS				%Rec.
Added	Result	Qualifier	Unit	D	%Rec	Limits

mg/Kg

Unit

mg/Kg

mg/Kg

D

ö

ø

72.4

DU DU

ND

ND

Result Qualifier

DU DU

LCS LCS

97 50 - 150

Surrogate 1-Chlorooctadecane

Limits %Recovery Qualifier 50 - 150 86

Client Sample ID: VOC02-S1-7.5'

Prep Type: Total/NA

NC

40

Matrix: Solid

DRO (C10-C25)

Analyte

Analysis Batch: 4236

Lab Sample ID: 250-2179-1 DU

Prep Batch: 4206

RPD Limit RPD NC 40

RRO (nC25-nC36) ND

DU DU

Sample Sample

Sample Sample

Qualifier

Result

ND

Surrogate %Recovery Qualifier Limits 50 - 150 85 1-Chlorooctadecane

Method: D2216-80 - Percent Dry Weight (Solids) per ASTM D2216-80

Lab Sample ID: 250-2179-4 DU

Client Sample ID: VOC02-NW4-7.5'

Matrix: Solid

Analysis Batch: 4203

Prep Type: Total/NA

RPD

Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
Percent Moisture	28		29		%		4	20
Percent Solids	72		71		%		2	20

Certification Summary

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2179-1 SDG: VOC02DEC.12UE

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Portland	Alaska	State Program	10	OR00040
TestAmerica Portland	Alaska (UST)	State Program	10	UST-012
TestAmerica Portland	California	State Program	9	2597
TestAmerica Portland	Oregon	NELAC	10	OR100021
TestAmerica Portland	USDA	Federal		P330-11-00092
TestAmerica Portland	Washington	State Program	10	C586

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TestAmerica

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Login Sample Receipt Checklist

Client: BB&A Environmental

Job Number: 250-2179-1

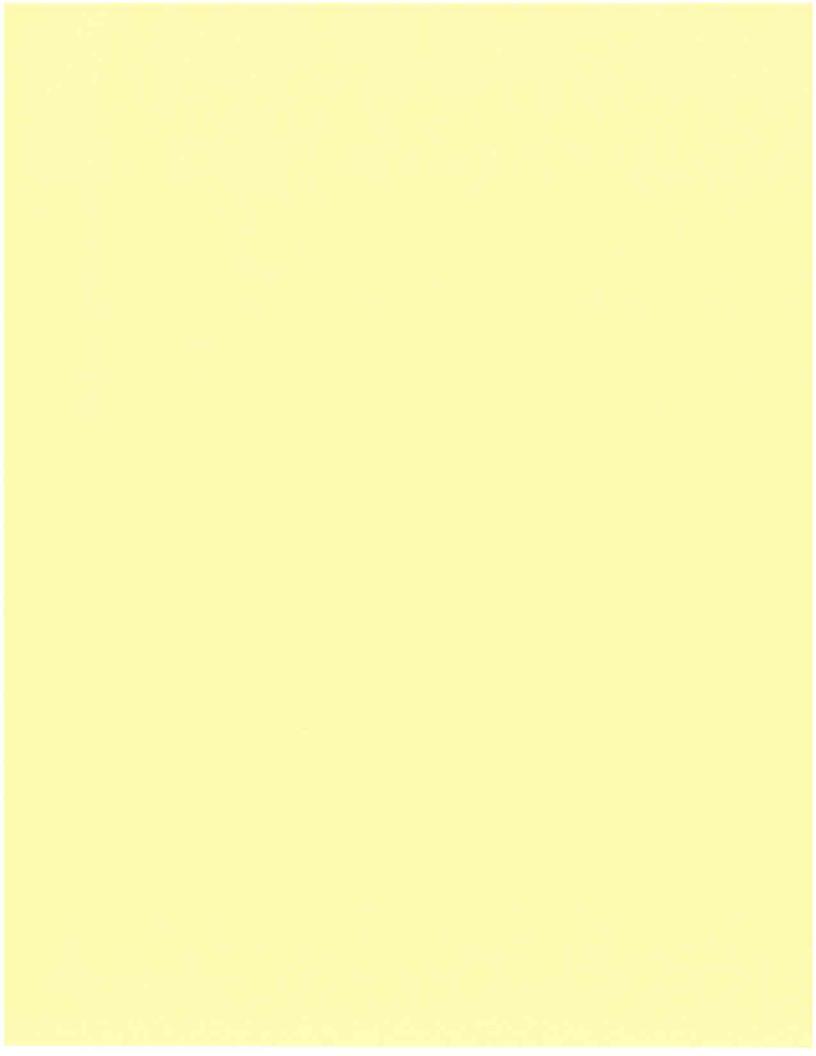
SDG Number: VOC02DEC.12UE

List Source: TestAmerica Portland

Login Number: 2179 List Number: 1

Creator: Svabik-Seror, Philip

Creator. Svabik-Seroi, Filmp		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is 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.	False	above temp
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	





<u>TestAmerica</u>

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Portland 9405 SW Nimbus Ave. Beaverton, OR 97008 Tel: (503)906-9200

TestAmerica Job ID: 250-2279-1

TestAmerica Sample Delivery Group: VOC02DEC.12.UC

Client Project/Site: L&C Deli

For

BB&A Environmental 25195 SW Parkway Ave Suite # 207 Wilsonville, Oregon 97070

Attn: Steve Omo

Vannsa Fran

Authorized for release by: 5/8/2012 4:18:08 PM

Vanessa Frahs
Project Manager I
vanessa.frahs@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

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QC Sample Results	13
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Chain of Custody	
Receipt Checklists	

Sample Summary

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
250-2279-1	VOC02-SWDISP-7'	Solid	04/25/12 15:00	04/27/12 13:45
250-2279-2	VOC02-NEDISP-7'	Solid	04/25/12 15:00	04/27/12 13:45
250-2279-3	VOC02-SE-7'	Solid	04/25/12 15:00	04/27/12 13:45
250-2279-4	VOC02-E-7'	Solid	04/25/12 15:05	04/27/12 13:45
250-2279-5	VOC02-NE-7'	Solid	04/25/12 15:10	04/27/12 13:45
250-2279-6	VOC02-NE6-7.5	Solid	04/25/12 15:15	04/27/12 13:45

Case Narrative

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

Job ID: 250-2279-1

Laboratory: TestAmerica Portland

Narrative

Receipt

The samples were received on 4/27/2012 1:45 PM; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 4.80 C.

GC/MS VOA

No analytical or quality issues were noted.

GC VOA

Method(s) NWTPH-Gx: VOC02-SE-7' (250-2279-3) Hydrocarbon result is due to diesel in quantitation range.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) NWTPH-Dx: Detected hydrocarbons appear to be due to weathered diesel.VOC02-SE-7' (250-2279-3)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Definitions/Glossary

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

Qualifiers

GC VOA

Management (2)	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

Client Sample ID: VOC02-SWDISP	-/						_ar	Sample IL	: 250-2279-1
Analyte	Result	Qualifier	MDL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	22		18	18	ug/Kg	1	Ø	8260B	Total/NA
Client Sample ID: VOC02-NEDISP	-7'					ı	at	Sample ID	: 250-2279-2
No Detections									
Client Sample ID: VOC02-SE-7'						ı	al	Sample ID	: 250-2279-3
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Hydrocarbons	86000		4200	1400	ug/Kg	1	ö	NWTPH-Gx	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	1779	Method	Prep Type
DRO (C10-C25)	780		14	14	mg/Kg	1	₽	NWTPH-Dx	Total/NA
Client Sample ID: VOC02-E-7'							al	Sample ID	: 250-2279-4
No Detections									
Client Sample ID: VOC02-NE-7'							al	Sample ID	: 250-2279-5
No Detections									
Client Sample ID: VOC02-NE6-7.5	0					1	al	Sample ID	: 250-2279-6
No Detections									

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

Client Sample ID: VOC02-SWDISP-7'							Lab	Sample ID: 250	-2279-
Date Collected: 04/25/12 15:00								Matri	x: Solie
Date Received: 04/27/12 13:45								Percent Solid	ds: 80.
Analyte	Result	Qualifier	MDL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Xylenes, Total	ND		70	70	ug/Kg	<u> </u>	05/01/12 12:59	05/07/12 15:37	
Benzene	ND		24	24	ug/Kg	ø	05/01/12 12:59	05/07/12 15:37	8
Ethylbenzene	ND		21		ug/Kg	ø	05/01/12 12:59	05/07/12 15:37	2
Toluene	22		18		ug/Kg	ø	05/01/12 12:59	05/07/12 15:37	8
roldene	22		10	10	uging		00/01/12 12:00	00/07/12 10:07	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	100		75 - 125				05/01/12 12:59	05/07/12 15:37	
4-Bromofluorobenzene (Surr)	93		75 - 125				05/01/12 12:59	05/07/12 15:37	
Dibromofluoromethane (Surr)	98		75 - 125				05/01/12 12:59	05/07/12 15:37	
Toluene-d8 (Surr)	103		75 - 125				05/01/12 12:59	05/07/12 15:37	
N ID VOCAS NEDICE TO							7 -6	C	0070
Client Sample ID: VOC02-NEDISP-7'							Lab	Sample ID: 250	
Date Collected: 04/25/12 15:00									x: Solid
Date Received: 04/27/12 13:45	<u>- 2</u> 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	14, <u>120</u> 001-12 <u>17-1</u> 1821	(IDDDD)	/2:dp://c	02/2006		1200000000000	Percent Solid	
Analyte		Qualifier	MDL	MDL		D	Prepared	Analyzed	Dil Fa
(ylenes, Total	ND		69	69	ug/Kg	Ö	05/01/12 12:59	05/07/12 15:59	
Benzene	ND		23	23	ug/Kg	ø	05/01/12 12:59	05/07/12 15:59	
Ethylbenzene	ND		21	21	ug/Kg	ø	05/01/12 12:59	05/07/12 15:59	
Toluene	ND		18	18	ug/Kg	Ф	05/01/12 12:59	05/07/12 15:59	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	104		75 - 125				05/01/12 12:59	05/07/12 15:59	
4-Bromofluorobenzene (Surr)	96		75 - 125				05/01/12 12:59	05/07/12 15:59	
Dibromofluoromethane (Surr)	102		75 - 125				05/01/12 12:59	05/07/12 15:59	
Toluene-d8 (Surr)	106		75 - 125				05/01/12 12:59	05/07/12 15:59	
Client Sample ID: VOC02-SE-7'							Lab	Sample ID: 250	
Date Collected: 04/25/12 15:00									x: Soli
Date Received: 04/27/12 13:45	2 8	2 227	222	2227	90.0		~	Percent Soli	
Analyte	Result	Qualifier	MDL	100000000	Unit	D	Prepared	Analyzed	Dil Fa
(ylenes, Total	ND		61	61	ug/Kg	ō	05/01/12 12:59	05/07/12 17:28	
Benzene	ND		21	21	ug/Kg	*	05/01/12 12:59	05/07/12 17:28	
Ethylbenzene	ND		19	19	ug/Kg	ø	05/01/12 12:59	05/07/12 17:28	
Toluene	ND		16	16	ug/Kg	Φ	05/01/12 12:59	05/07/12 17:28	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	113		75 - 125				05/01/12 12:59	05/07/12 17:28	
4-Bromofluorobenzene (Surr)	103		75 - 125				05/01/12 12:59	05/07/12 17:28	
Dibromofluoromethane (Surr)	106		75 - 125				05/01/12 12:59	05/07/12 17:28	
Toluene-d8 (Surr)	112		75 - 125				05/01/12 12:59	05/07/12 17:28	
							140.04		u Valendaria
Client Sample ID: VOC02-E-7'							Lab	Sample ID: 250	
Date Collected: 04/25/12 15:05									x: Soli
Date Received: 04/27/12 13:45								Percent Soli	
Analyte		Qualifier	MDL		Unit	D	Prepared	Analyzed	Dil Fa
(ylenes, Total	ND		64	64	ug/Kg	ø	05/01/12 12:59	05/07/12 16:21	
Benzene	ND		22	22	ug/Kg	٥	05/01/12 12:59	05/07/12 16:21	
Ethylbenzene	ND		20	20	ug/Kg	٥	05/01/12 12:59	05/07/12 16:21	
Toluene	ND		16	16	ug/Kg	ø	05/01/12 12:59	05/07/12 16:21	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fa
Surrodate									

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

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

Client Sample ID: VOC02-E-7' Date Collected: 04/25/12 15:05 Date Received: 04/27/12 13:45

Lab Sample ID: 250-2279-4

Matrix: Solid

Percent Solids: 85.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 125	05/01/12 12:59	05/07/12 16:21	1
Dibromofluoromethane (Surr)	99		75 - 125	05/01/12 12:59	05/07/12 16:21	1
Toluene-d8 (Surr)	106		75 - 125	05/01/12 12:59	05/07/12 16:21	1

Client Sample ID: VOC02-NE-7 Date Collected: 04/25/12 15:10

Lab Sample ID: 250-2279-5 Matrix: Solid

Percent Solids: 84.8

Date Received: 04/27/12 13:45								Percent Soli	ds: 84.8
Analyte	Result	Qualifier	MDL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		66	66	ug/Kg	ō	05/01/12 12:59	05/07/12 16:43	1
Benzene	ND		22	22	ug/Kg	₩.	05/01/12 12:59	05/07/12 16:43	1
Ethylbenzene	ND		20	20	ug/Kg	ø	05/01/12 12:59	05/07/12 16:43	1
Toluene	ND		17	17	ug/Kg	ø	05/01/12 12:59	05/07/12 16:43	1

Surrogate	%Recovery Q	Qualifier Li	mits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105	75	- 125	05/01/12 12:59	05/07/12 16:43	
4-Bromofluorobenzene (Surr)	97	75	i - 125	05/01/12 12:59	05/07/12 16:43	1
Dibromofluoromethane (Surr)	101	75	i - 125	05/01/12 12:59	05/07/12 16:43	1
Toluene-d8 (Surr)	107	75	i - 125	05/01/12 12:59	05/07/12 16:43	1

Client Sample ID: VOC02-NE6-7.5' Date Collected: 04/25/12 15:15

Lab Sample ID: 250-2279-6

Matrix: Solid

Date Received: 04/27/12 13:45

Percent Solids: 86.0

Analyte	Result	Qualifier	MDL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Xylenes, Total	ND		63	63	ug/Kg	*	05/01/12 12:59	05/07/12 17:05	1
Benzene	ND		21	21	ug/Kg	٥	05/01/12 12:59	05/07/12 17:05	1
Ethylbenzene	ND		19	19	ug/Kg	ø	05/01/12 12:59	05/07/12 17:05	1
Toluene	ND		16	16	ug/Kg	۵	05/01/12 12:59	05/07/12 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				05/01/12 12:59	05/07/12 17:05	1

1,2-Dichloroethane-d4 (Surr)	102	75 - 125	05/01/12 12:59	05/07/12 17:05	1
4-Bromofluorobenzene (Surr)	95	75 - 125	05/01/12 12:59	05/07/12 17:05	1
Dibromofluoromethane (Surr)	96	75 - 125	05/01/12 12:59	05/07/12 17:05	1
Toluene-d8 (Surr)	105	75 - 125	05/01/12 12:59	05/07/12 17:05	1

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

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

Client Sample ID: VOC02-SWDISP-7	"						Lab	Sample ID: 250	0-2279-
Date Collected: 04/25/12 15:00								Matri	ix: Solid
Date Received: 04/27/12 13:45								Percent Soli	ds: 80.
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Hydrocarbons	ND		4800	1500	ug/Kg	ø	05/01/12 11:16	05/02/12 13:01	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
a,a,a-Trifluorotoluene (fid)	91		50 - 150				05/01/12 11:16	05/02/12 13:01	
Client Sample ID: VOC02-NEDISP-7							Lab	Sample ID: 250	0-2279-
Date Collected: 04/25/12 15:00								Matr	ix: Solid
Date Received: 04/27/12 13:45								Percent Soli	ids: 84.
Analyte	10 347 0 350	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Hydrocarbons	ND		4700	1500	ug/Kg	¢	05/01/12 11:16	05/02/12 13:29	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
a,a,a-Trifluorotoluene (fid)	99		50 - 150				05/01/12 11:16	05/02/12 13:29	
Client Sample ID: VOC02-SE-7'							Lab	Sample ID: 250	0-2279-3
Date Collected: 04/25/12 15:00								Matr	ix: Solid
Date Received: 04/27/12 13:45								Percent Soli	ids: 89.3
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Hydrocarbons	86000		4200	1400	ug/Kg	\overline{\pi}	05/01/12 11:16	05/02/12 12:05	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
a,a,a-Trifluorotoluene (fid)	102		50 - 150				05/01/12 11:16	05/02/12 12:05	
Client Sample ID: VOC02-E-7'							Lab	Sample ID: 250	0-2279-
Date Collected: 04/25/12 15:05								Matr	ix: Solid
Date Received: 04/27/12 13:45								Percent Soli	ids: 85.4
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Hydrocarbons	ND		4400	1400	ug/Kg	₩	05/01/12 11:16	05/02/12 15:57	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
a,a,a-Trifluorotoluene (fid)	95		50 - 150				05/01/12 11:16	05/02/12 15:57	-
Client Sample ID: VOC02-NE-7'							Lab	Sample ID: 250	0-2279-
Date Collected: 04/25/12 15:10								Matr	ix: Solid
Date Received: 04/27/12 13:45								Percent Soli	ids: 84.8
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Hydrocarbons	ND		4500	1500	ug/Kg	₽	05/01/12 11:16	05/02/12 11:09	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
a,a,a-Trifluorotoluene (fid)	98		50 - 150				05/01/12 11:16	05/02/12 11:09	
Client Sample ID: VOC02-NE6-7.5'							Lab	Sample ID: 25	0-2279-
Date Collected: 04/25/12 15:15								Matr	ix: Solid
Date Received: 04/27/12 13:45								Percent Soli	ids: 86.0
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
	ND		4300	1400	ug/Kg	- 0	05/01/12 11:16	05/02/12 10:41	
Gasoline Range Hydrocarbons	ND		4300						
Gasoline Range Hydrocarbons Surrogate	%Recovery	Qualifier	Limits		-35		Prepared	Analyzed	Dil Fa

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

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

Client Sample ID: VOC02-SWDISP-7							Lab	Sample ID: 250	-2279-
Date Collected: 04/25/12 15:00								Matri	x: Solie
Date Received: 04/27/12 13:45								Percent Solid	ds: 80.
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
DRO (C10-C25)	ND	5	15	15	mg/Kg	<u></u>	05/01/12 16:15	05/02/12 08:53	
RRO (nC25-nC36)	ND		31	31	mg/Kg	ø	05/01/12 16:15	05/02/12 08:53	
	· · ·		***						
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctadecane	80		50 - 150				05/01/12 16:15	05/02/12 08:53	
Client Sample ID: VOC02-NEDISP-7'							Lab	Sample ID: 250	-2279-
Date Collected: 04/25/12 15:00								Matri	x: Soli
Date Received: 04/27/12 13:45								Percent Solid	ds: 84.
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
DRO (C10-C25)	ND		15	15	mg/Kg	_ ₹	05/01/12 16:15	05/02/12 10:38	
RRO (nC25-nC36)	ND		30		mg/Kg	ø	05/01/12 16:15	05/02/12 10:38	
KKO (11025-1103a)	NO		30	50	mg/rtg		00/01/12 10:10	03/02/12 10:30	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctadecane	79		50 - 150				05/01/12 16:15	05/02/12 10:38	3
Client Sample ID: VOC02-SE-7'							Lab	Sample ID: 250	-2279-
Date Collected: 04/25/12 15:00								Matri	x: Solie
Date Received: 04/27/12 13:45								Percent Soli	
Analyte	Result	Qualifier	RL	RI	Unit	D	Prepared	Analyzed	Dil Fa
DRO (C10-C25)	780		14	14	mg/Kg	— -	05/01/12 16:15	05/02/12 10:56	
RRO (nC25-nC36)	ND.		28		mg/Kg	Đ.	05/01/12 16:15	05/02/12 10:56	
1110 (11023-11030)	,,,,		20		mgring		50/5//12 15:15	00/02/12 10:00	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctadecane	86		50 - 150				05/01/12 16:15	05/02/12 10:56	
Client Sample ID: VOC02-E-7'							Lab	Sample ID: 250	-2279-
Date Collected: 04/25/12 15:05									x: Soli
Date Received: 04/27/12 13:45								Percent Soli	
Analyte	Result	Qualifier	RL	RI	Unit	D	Prepared	Analyzed	DII Fa
DRO (C10-C25)	ND	- dualine	15	15	NAME OF TAXABLE PARTY.	— -	05/01/12 16:15	05/02/12 11:14	
RRO (nC25-nC36)	ND		29		mg/Kg	ø	05/01/12 16:15	05/02/12 11:14	
	2002007								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctadecane	91		50 - 150				05/01/12 16:15	05/02/12 11:14	
Client Sample ID: VOC02-NE-7'							Lab	Sample ID: 250	-2279-
Date Collected: 04/25/12 15:10								Matri	x: Soli
Date Received: 04/27/12 13:45								Percent Soli	ds: 84.
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
DRO (C10-C25)	ND		15	15	mg/Kg	- ō	05/01/12 16:15	05/02/12 11:32	
RRO (nC25-nC36)	ND		29		mg/Kg	ø	05/01/12 16:15	05/02/12 11:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctadecane	84	404	50 - 150				05/01/12 16:15	05/02/12 11:32	
OV 4.0 I. ID 1/0000 1/70 T T							19 G	Daniel ID Co.	0070
Client Sample ID: VOC02-NE6-7.5'							Lab	Sample ID: 250	
Date Collected: 04/25/12 15:15									x: Soli
Date Received: 04/27/12 13:45								Percent Soli	ds: 86.
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	DII Fa
			4.4		mg/Kg	O.	05/01/12 16:15	05/02/12 11:50	
DRO (C10-C25)	ND		14	14	mg/Ng		05/01/12 16.15	05/02/12 11.50	

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

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

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	80	50 150	05/01/12 16:15	05/02/12 11:50	1

Client: BB&A Environmental Project/Site: L&C Deli

Client Sample ID: VOC02-SWDISP-7'

TestAmerica Job ID: 250-2279-1

SDG: VOC02DEC.12.UC

Lab Sample ID: 250-2279-1

05/01/12 12:39

Matrix: Solid

Matrix: Solid

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General Chemis	o LI Y

Date Collected: 04/25/12 15:00								Matri	x: Solid
Date Received: 04/27/12 13:45 Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		0.010	0.010	%			05/01/12 12:39	1
Percent Solids	81		0.010	0.010	%			05/01/12 12:39	1
Client Sample ID: VOC02-NEDISP-7'							Lat	Sample ID: 250	-2279-2
Date Collected: 04/25/12 15:00								Matri	x: Solid
Date Received: 04/27/12 13:45									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.010	0.010	%			05/01/12 12:39	1

Client Sample ID: VOC02-SE-7' Lab Sample ID: 250-2279-3 Date Collected: 04/25/12 15:00 Matrix: Solid

0.010

0.010 %

84

Date Received: 04/27/12 13:45

Percent Solids

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0,010	0.010	%			05/01/12 12:39	1
Percent Solids	89		0.010	0.010	%			05/01/12 12:39	1

Client Sample ID: VOC02-E-7' Lab Sample ID: 250-2279-4 Matrix: Solid

Date Collected: 04/25/12 15:05 Date Received: 04/27/12 13:45

Analyte	Result C	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.010	0.010	%			05/01/12 12:39	1
Percent Solids	85		0.010	0.010	%			05/01/12 12:39	1

Client Sample ID: VOC02-NE-7' Lab Sample ID: 250-2279-5

Date Collected: 04/25/12 15:10 Date Received: 04/27/12 13:45

Analyte	Result Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15	0.010	0.010	%			05/01/12 12:39	1
Percent Solids	85	0.010	0.010	%			05/01/12 12:39	1

Client Sample ID: VOC02-NE6-7.5' Lab Sample ID: 250-2279-6

Date Collected: 04/25/12 15:15 Date Received: 04/27/12 13:45

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14	7	0.010	0.010	%			05/01/12 12:39	
Percent Solids	86		0.010	0.010	%			05/01/12 12:39	1

QC Sample Results

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 250-4430/1-A

Matrix: Solid

Analysis Batch: 4459

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4430

	МВ	MB							
Analyte	Result	Qualifier	MDL	MDL	Unit	D	Prepared	Analyzed	Dii Fac
Xylenes, Total	ND		58	58	ug/Kg		05/01/12 18:04	05/02/12 11:54	1
Benzene	ND		20	20	ug/Kg		05/01/12 18:04	05/02/12 11:54	1
Ethylbenzene	ND		18	18	ug/Kg		05/01/12 18:04	05/02/12 11:54	1
Toluene	ND		15	15	ug/Kg		05/01/12 18:04	05/02/12 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104	-	75 - 125	05/01/12 18:04	05/02/12 11:54	1
4-Bromofluorobenzene (Surr)	100		75 - 125	05/01/12 18:04	05/02/12 11:54	1
Dibromofluoromethane (Surr)	102		75 - 125	05/01/12 18:04	05/02/12 11:54	1
Toluene-d8 (Surr)	102		75 - 125	05/01/12 18:04	05/02/12 11:54	1

Lab Sample ID: LCS 250-4430/2-A

Matrix: Solid

Analysis Batch: 4459

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4430

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Xylenes, Total	5930	6580		ug/Kg		111	70 - 130	
Benzene	1980	2350		ug/Kg		119	80 - 120	
Ethylbenzene	1980	2170		ug/Kg		110	80 - 125	
Toluene	1980	2320		ug/Kg		118	80 - 120	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 125
4-Bromofluorobenzene (Surr)	93		75 - 125
Dibromofluoromethane (Surr)	102		75 - 125
Toluene-d8 (Surr)	104		75 - 125

Lab Sample ID: 250-2319-B-1-A MS

Matrix: Solid

Analysis Batch: 4459

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 4430

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Xylenes, Total	270		6700	7420		ug/Kg	*	107	70 - 130	
Benzene	ND		2230	2680		ug/Kg	₩.	120	80 - 125	
Ethylbenzene	60		2230	2510		ug/Kg	ø	109	80 - 125	
Toluene	100		2230	2750		ug/Kg	ø	119	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits		
1,2-Dichloroethane-d4 (Surr)	104		75 - 125		
4-Bromofluorobenzene (Surr)	94		75 - 125		
Dibromofluoromethane (Surr)	103		75 - 125		
Toluene-d8 (Surr)	103		75 - 125		

Lab Sample ID: 250-2319-B-1-B MSD

Matrix: Solid

Analysis Batch: 4450

Client Sam	ple ID:	Matrix S	pike	Duplicate
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Prep Type: Total/NA Prep Batch: 4430

D it

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Xylenes, Total	270		6760	7780		ug/Kg	_ ₽	111	70 - 130	5	25

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

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

Lab Sample ID: 250-2319-B-1-B MSD Client Sample ID: Matrix Spike Duplicate Matrix: Solid Prep Type: Total/NA Analysis Batch: 4459 Prep Batch: 4430 MSD MSD Sample Sample Spike %Rec. RPD Result Qualifier Analyte Result Qualifier Added Unit D %Rec Limits RPD Limit ö Benzene ND 2250 2750 ug/Kg 122 80 - 125 2 25 ø 2250 2620 80 - 125 25 Ethylbenzene 60 ug/Kg 114 100 2250 2870 ug/Kg di 123 70 - 130 25 Toluene MSD MSD Qualifier Limits Surrogate %Recovery 1,2-Dichloroethane-d4 (Surr) 106 75 - 125 4-Bromofluorobenzene (Surr) 96 75 - 125 Dibromofluoromethane (Surr) 103 75 - 125 Toluene-d8 (Surr) 106 75 - 125 Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) Lab Sample ID: MB 250-4393/1-A Client Sample ID: Method Blank Matrix: Solid Prep Type: Total/NA Analysis Batch: 4509 Prep Batch: 4393 MB MB Qualifier RL MDL Unit D Analyzed Dil Fac Analyte Prepared Result 05/02/12 10:02 Gasoline Range Hydrocarbons ND 3700 1200 ug/Kg 05/01/12 11:16 MR MR Surrogate Qualifier Limits Prepared Analyzed Dil Fac %Recovery a,a,a-Trifluorotoluene (fid) 103 50 - 150 05/01/12 11:16 05/02/12 10:02 Client Sample ID: Lab Control Sample Lab Sample ID: LCS 250-4393/2-A Matrix: Solid Prep Type: Total/NA

Analysis Batch: 4509

Prep Batch: 4393 ICS ICS %Rec Spike Added Result Qualifier Unit D %Rec Limits

Analyte 23200 26000 112 70 - 130 Gasoline Range Hydrocarbons ug/Ka LCS LCS

Surrogate %Recovery Qualifier Limits 50 - 150 a,a,a-Trifluorotoluene (fid) 107

Lab Sample ID: 250-2279-2 MS

Matrix: Solid

Analysis Batch: 4509

Client Sample ID: VOC02-NEDISP-7'

Prep Type: Total/NA Prep Batch: 4393

MS MS Sample Sample Spike %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits ō Gasoline Range Hydrocarbons ND 29200 30300 ug/Kg 104 65 - 130

MS MS

Qualifier Limits Surrogate %Recovery a,a,a-Trifluorotoluene (fid) 100 50 - 150

Lab Sample ID: 250-2279-1 DU

Matrix: Solid

Analysis Batch: 4509

Client Sample ID: VOC02-SWDISP-7'

Prep Type: Total/NA

Prep Batch: 4393 DU DU Sample Sample RPD

Qualifier Result Qualifier Unit D RPD Limit Result ō ug/Kg Gasoline Range Hydrocarbons ND 2090 1

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2279-1

SDG: VOC02DEC.12.UC

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

Lab Sample ID: 250-2279-1 DU

Matrix: Solid

Analysis Batch: 4509

Client Sample ID: VOC02-SWDISP-7'

Prep Type: Total/NA

Prep Batch: 4393

DU DU

%Recovery Qualifier Limits Surrogate a,a,a-Trifluorotoluene (fid) 93

50 - 150

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

Lab Sample ID: MB 250-4423/1-A

Matrix: Solid

Analysis Batch: 4440

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4423

Unit Prepared Analyzed Dil Fac Analyte Result Qualifier RL RL D 12 05/01/12 16:15 05/02/12 07:59 DRO (C10-C25) 12 mg/Kg ND ND 25 25 mg/Kg 05/01/12 16:15 05/02/12 07:59 RRO (nC25-nC36)

MB MB

MB MR

%Recovery Qualifier Limits Prepared Analyzed Dil Fac Surrogate 50 - 150 05/01/12 16:15 05/02/12 07:59 1-Chlorooctadecane 91

Lab Sample ID: LCS 250-4423/2-A

Matrix: Solid

Analysis Batch: 4440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4423

Spike LCS LCS %Rec. Result %Rec Limits Added Qualifier Unit D Analyte 50 - 150 DRO (C10-C25) 124 119 mg/Kg 96 74.4 69.0 mg/Kg 93 50 - 150 RRO (nC25-nC36)

LCS LCS

I imits %Recovery Qualifier Surrogate 50 - 150 1-Chlorooctadecane 87

Lab Sample ID: 250-2279-1 DU

Matrix: Solid

Analysis Batch: 4440

Client Sample ID: VOC02-SWDISP-7'

Prep Type: Total/NA

Prep Batch: 4423

DU DU Sample Sample RPD Limit Analyte Result Qualifier Result Qualifier Unit D ö ND NC 40 DRO (C10-C25) ND mg/Kg Ú RRO (nC25-nC36) ND ND mg/Kg NC 40

וות וות

Surrogate %Recovery Qualifier Limits 73 50 - 150 1-Chlorooctadecane

Method: D2216-80 - Percent Dry Weight (Solids) per ASTM D2216-80

Lab Sample ID: 250-2279-6 DU

Matrix: Solid

Client Sample ID: VOC02-NE6-7.5'

Prep Type: Total/NA

Analysis Batch: 4407

DU DU RPD Sample Sample RPD Analyte Result Qualifier Result Qualifier Unit D Limit % 14 20 Percent Moisture 14 16 3 20 % Percent Solids 86 84

Certification Summary

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2279-1 SDG: VOC02DEC.12.UC

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Portland	Alaska	State Program	10	OR00040
TestAmerica Portland	Alaska (UST)	State Program	10	UST-012
TestAmerica Portland	California	State Program	9	2597
TestAmerica Portland	Oregon	NELAC	10	OR100021
TestAmerica Portland	USDA	Federal		P330-11-00092
TestAmerica Portland	Washington	State Program	10	C586

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

FestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY REPORT

Loc: 250 2279 11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302 9405 SW Nimbus Ave,Beaverton, OR 97008-7145 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

-9290 -9290 -9210 -9210

CLENT: BEEA ENDIANMENTA			CHAIN OF CUSTODY REPORT INVOICE TO:	Y REPORT	Work Order #: TURNAROUND REQUEST in Business Days *	-
ADDRESS: LU; (Sou ville or 9	L OR 97070	8	Ð		Organic & Inorganic Analyses 10 7 5 4 3 2 1 <1	
PHONE: 513. 510 - 9484 FAX:	FAX:		P.O. NUMBER:		Petroleum Hydrocarbon /	
PROJECT NAME: LEC DELL	£.		PRESERVATIVE	ITVE	5 4 3 2 1 <1 57D.	_
PROJECT NUMBER: VOC \$2 DEC 120C	1 DEC 120C		REQUESTED ANALYSES	NALYSES	OTHER Specify:	
SAMPLED BY: SEUE	One	40			s than	
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	AUTH AA HUU AA			MATRIX # OF LOCATION/ TA (W, S, O) CONT. COMMENTS WO ID	
\$, VOC62 - SWDIFP - 7' 4/15/12	4/25/12 15:00	` `			2 - 2	
OCGE-NEDISP-7	15:00	>			2 1	
12-35-2000		`			2 1	
, VOC 62 - E - 7'	(5:05	`			5 1	_
3 VOCEZ- 18E-7	01351	\ \ \			1 8	
, VOC42- NE6-7.5	51;51	\ \			5 1	
0						
RELEASED BY: 8 (N. CA. CA. CA. CA. CA. CA. CA. CA. CA. CA	OMO FIENC BAEA	864	DATE 4/27/12	PRECEIVED BY: US W 36. PREDICT NAME: WM [WA] FASTON	FIRM SUN VOY	T
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CAU COM'I		م م	Additional Annewses	ssy	TEMP: L/S PAGE OF	
					TAL-1000(0408)	2

Login Sample Receipt Checklist

Client: BB&A Environmental

Job Number: 250-2279-1

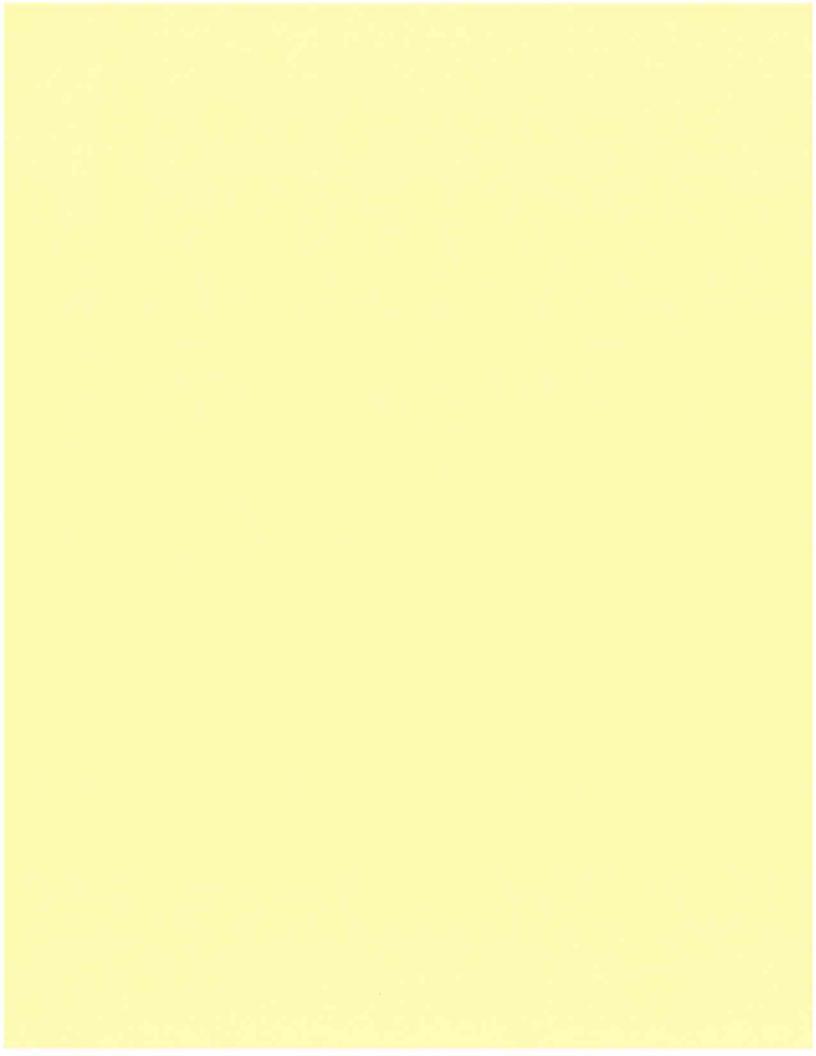
SDG Number: VOC02DEC.12.UC

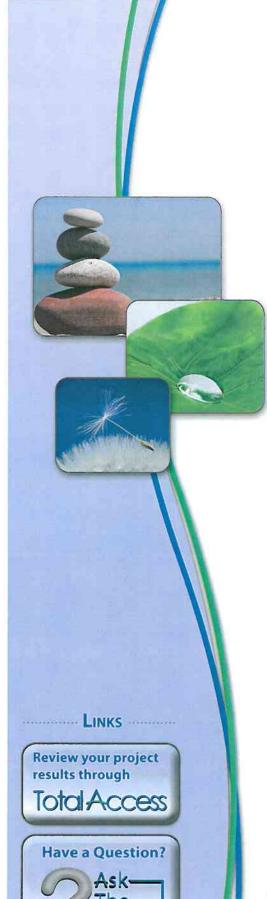
List Source: TestAmerica Portland

Login Number: 2279 List Number: 1

Creator: Svabik-Seror, Philip

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below	N/A	Comment
background	****	
The cooler's custody seal, if present, is 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	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked,	N/A	





Expert

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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Portland 9405 SW Nimbus Ave. Beaverton, OR 97008 Tel: (503)906-9200

TestAmerica Job ID: 250-2617-1

TestAmerica Sample Delivery Group: VOC02DEC.12UC

Client Project/Site: L&C Deli

For:

BB&A Environmental 25195 SW Parkway Ave Suite # 207 Wilsonville, Oregon 97070

Attn: Steve Omo

Vannsa Fran

Authorized for release by: 5/24/2012 2:06:18 PM

Vanessa Frahs Project Manager I

vanessa.frahs@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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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Sample Summary

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2617-1

SDG: VOC02DEC.12UC

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
250-2617-1	VOC02-P11-GW	Water	05/08/12 10:00	05/08/12 15:55
250-2617-2	VOC02-P12-GW	Water	05/08/12 10:30	05/08/12 15:55

Case Narrative

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

Job ID: 250-2617-1

Laboratory: TestAmerica Portland

Narrative

Receipt

The samples were received on 5/8/2012 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.5° C.

GC/MS VOA

No analytical or quality issues were noted.

GC VOA

Method(s) NWTPH-Gx: Only one Duplicate sample was analyzed for these 11 samples due to insufficient volume.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) NWTPH-Dx: Detected hydrocarbons appear to be due to weathered diesel.VOC02-P11-GW (250-2617-1), VOC02-P12-GW (250-2617-2)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Definitions/Glossary

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description					
H	Sample was prepped or analyzed beyond the specified holding time					
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.					

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

TEQ

Toxicity Equivalent Quotient (Dioxin)

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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Client: BB&A Environmental Project/Site: L&C Deli

Toluene-d8 (Surr)

TestAmerica Job ID: 250-2617-1

SDG: VOC02DEC.12UC

05/12/12 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

99

Client Sample ID: VOC02-P11-GW							Lal	Sample ID: 250	-2617-1
Date Collected: 05/08/12 10:00								Matrix	c: Water
Date Received: 05/08/12 15:55									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		3.0	0.31	ug/L			05/12/12 18:13	1
Benzene	ND		1.0	0.060	ug/L			05/12/12 18:13	1

Ethylbenzene	ND		1.0	0.080	ug/L		05/12/12 18:13	1
Toluene	ND		1.0	0.090	ug/L		05/12/12 18:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120				05/12/12 18:13	1
4-Bromofluorobenzene (Surr)	101		80 - 120				05/12/12 18:13	1
Dibromofluoromethane (Surr)	100		80 - 120				05/12/12 18:13	1

Client Sample ID: VOC02-P12-GW Lab Sample ID: 250-2617-2

80 - 120

Date Collected: 05/08/12 10:30 Matrix: Water Date Received: 05/08/12 15:55

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1.9	J	3.0	0.31	ug/L		Contract Code	05/12/12 18:35	1
Benzene	0.63	J	1.0	0.060	ug/L			05/12/12 18:35	1
Ethylbenzene	0.20	J	1.0	0.080	ug/L			05/12/12 18:35	1
Toluene	0.33	J	1.0	0.090	ug/L			05/12/12 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 120	(======================================	05/12/12 18:35	1
4-Bromofluorobenzene (Surr)	108		80 - 120		05/12/12 18:35	1
Dibromofluoromethane (Surr)	109		80 - 120		05/12/12 18:35	1
Toluene-d8 (Surr)	102		80 - 120		05/12/12 18:35	1

Client: BB&A Environmental Project/Site: L&C Deli

Pyrene-d10 (Sun)

Benzo(a)pyrene-d12 (Surr)

TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

05/18/12 12:54 05/22/12 16:55

05/18/12 12:54 05/22/12 16:55

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

80

87

Client Sample ID: VOC02-P12-GW

Date Collected: 05/08/12 10:30

Lab Sample ID: 250-2617-2

Matrix: Water

Date Received: 05/08/12 15:55 Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.053	JH	0.095	0.048	ug/L	_ =	05/18/12 12:54	05/22/12 16:55	1
Acenaphthylene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Anthracene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Benzo[a]anthracene	ND	н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Benzo[a]pyrene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Benzo[b]fluoranthene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Benzo[g,h,i]perylene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Benzo[k]fluoranthene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Chrysene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Dibenz(a,h)anthracene	ND	H	0.19	0.095	ug/L		05/18/12 12:54	05/22/12 16:55	1
Fluoranthene	ND	H	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Fluorene	0.18	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Indeno[1,2,3-cd]pyrene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Naphthalene	0.15	Н	0.095	0,048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Phenanthrene	0.16	Н	0.095	0,048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Pyrene	ND	Н	0.095	0.048	ug/L		05/18/12 12:54	05/22/12 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorene-d10 (Surr)	86		25 - 125				05/18/12 12:54	05/22/12 16:55	1

25 - 150

10 - 125

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2617-1

Analyzed

Dil Fac

Prepared

SDG: VOC02DEC.12UC

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

Result Qualifier

Client Sample ID: VOC02-P11-GW

Lab Sample ID: 250-2617-1

Date Collected: 05/08/12 10:00

Matrix: Water

Date Received: 05/08/12 15:55

Analyte

Gasoline Range Hydrocarbons	ND	80	33 ug/L		05/12/12 18:19	1
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac

RL

MDL Unit

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Fac

 4-Bromofluorobenzene (Surr)
 101
 50 - 150
 05/12/12 18:19
 1

Client Sample ID: VOC02-P12-GW

Lab Sample ID: 250-2617-2

Matrix: Water

Date Received: 05/08/12 15:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	87		80	33	ug/L			05/12/12 18:49	1

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Fac

 4-Bromofluorobenzene (Surr)
 103
 50 - 150
 05/12/12 18:49
 1

Client: BB&A Environmental Project/Site: L&C Deli

1-Chlorooctadecane

TestAmerica Job ID: 250-2617-1

05/10/12 09:25

SDG: VOC02DEC.12UC

05/10/12 16:49

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

57

Client Sample ID: VOC02-P11-GW Lab Sample ID: 250-2617-1 Date Collected: 05/08/12 10:00 Matrix: Water Date Received: 05/08/12 15:55 Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 0.094 05/10/12 09:25 05/10/12 16:31 DRO (C10-C25) 0.028 mg/L 0.080 J RRO (nC25-nC36) ND 0.47 0.038 mg/L 05/10/12 09:25 05/10/12 16:31 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctadecane 60 50 - 150 05/10/12 09:25 05/10/12 16:31 Client Sample ID: VOC02-P12-GW Lab Sample ID: 250-2617-2 Date Collected: 05/08/12 10:30 Matrix: Water Date Received: 05/08/12 15:55 Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac DRO (C10-C25) 0.094 05/10/12 09:25 05/10/12 16:49 0.51 0.028 mg/L 0.038 mg/L 05/10/12 09:25 05/10/12 16:49 RRO (nC25-nC36) 0.050 J 0.47 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac

50 - 150

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 250-4923/7

Matrix: Water

Analysis Batch: 4923

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		3.0	0.31	ug/L			05/12/12 14:27	
Benzene	ND		1.0	0.060	ug/L			05/12/12 14:27	1
Ethylbenzene	ND		1.0	0.080	ug/L			05/12/12 14:27	1
Toluene	ND		1.0	0.090	ug/L			05/12/12 14:27	1

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 104 80 - 120 05/12/12 14:27 4-Bromofluorobenzene (Surr) 105 80 - 120 05/12/12 14:27 Dibromofluoromethane (Surr) 80 - 120 104 05/12/12 14:27 Toluene-d8 (Surr) 103 80 - 120 05/12/12 14:27

Lab Sample ID: LCS 250-4923/4

Matrix: Water

Analysis Batch: 4923

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

ner	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Xylenes, Total	60.0	56,3		ug/L		94	80 - 135	
Benzene	20.0	17.3		ug/L		86	80 - 120	
Ethylbenzene	20.0	18.4		ug/L		92	80 - 120	
Toluene	20.0	18.0		ug/L		90	80 - 125	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	103		BO ₋ 120
Dibromofluoromethane (Surr)	107		BO ₋ 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 250-4923/5

Matrix: Water

Analysis Batch: 4923

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Xylenes, Total	60.0	57.7		ug/L		96	80 - 135	2	25
Benzene	20.0	17.3		ug/L		87	80 - 120	0	25
Ethylbenzene	20.0	18.8		ug/L		94	80 - 120	2	25
Toluene	20.0	17.8		ug/L		89	80 - 125	1	25

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	106		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 250-2676-F-1 MS

Matrix: Water

Analysis Batch: 4923

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Sample Sample Spike MS MS %Rec. Result Qualifier Analyte Added Result Qualifier %Rec Limits Unit Xylenes, Total ND 60.0 62.9 ug/L 70.130

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

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

Lab Sample ID: 250-2676-F-1 MS

Matrix: Water

Analysis Batch: 4923

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		20.0	20.0	3 	ug/L		100	80 - 125	
Ethylbenzene	ND		20.0	21.1		ug/L		105	80 - 125	
Toluene	ND		20.0	20.7		ug/L		104	75 - 135	

MS	MS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: 250-2676-G-1 MSD

Matrix: Water

Analysis Batch: 4923

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Xylenes, Total	ND		60.0	62.1		ug/L		104	70 - 130	1	25
Benzene	ND		20.0	19.9		ug/L		99	80 - 125	1	25
Ethylbenzene	ND		20.0	20.5		ug/L		102	80 - 125	3	25
Toluene	ND		20.0	20.6		ug/L		103	75 - 135	0	25

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 250-5150/1-A

Matrix: Water

Analysis Batch: 5334

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5150

	MB	MB						The second	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Acenaphthylene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Anthracene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Benzo[a]anthracene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Benzo[a]pyrene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Benzo[b]fluoranthene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Benzo[g,h,i]perylene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Benzo[k]fluoranthene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Chrysene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		05/18/12 09:00	05/22/12 11:11	1
Fluoranthene	ND		0,10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Fluorene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Indeno[1,2,3-cd]pyrene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Naphthalene	ND		0,10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Phenanthrene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1
Pyrene	ND		0.10	0.050	ug/L		05/18/12 09:00	05/22/12 11:11	1

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: MB 250-5150/1-A

Matrix: Water

Analysis Batch: 5334

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5150

MB	MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Fluorene-d10 (Surr)	93	25 - 125	05/18/12 09:00	05/22/12 11:11	1
Pyrene-d10 (Surr)	85	25 - 150	05/18/12 09:00	05/22/12 11:11	1
Benzo(a)pyrene-d12 (Surr)	93	10 - 125	05/18/12 09:00	05/22/12 11:11	1

Lab Sample ID: LCS 250-5150/2-A

Matrix: Water

Analysis Batch: 5334

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5150

Conference of the Conference o	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Acenaphthene	2,50	2,30		ug/L		92	25 - 135	
Acenaphthylene	2.50	2.30		ug/L		92	30 - 120	
Anthracene	2,50	2.38		ug/L		95	30 - 120	
Benzo[a]anthracene	2.50	2.31		ug/L		92	35 _ 130	
Benzo[a]pyrene	2.50	2.32		ug/L		93	40 - 135	
Benzo[b]fluoranthene	2.50	2.36		ug/L		94	35 _ 130	
Benzo[g,h,i]perylene	2.50	2.35		ug/L		94	30 - 125	
Benzo[k]fluoranthene	2,50	2.50		ug/L		100	30 _ 145	
Chrysene	2.50	2.31		ug/L		92	30 - 135	
Dibenz(a,h)anthracene	2.50	2.38		ug/L		95	30 - 140	
Fluoranthene	2.50	2.34		ug/L		94	30 - 125	
Fluorene	2.50	2.36		ug/L		94	30 - 125	
Indeno[1,2,3-cd]pyrene	2.50	2.36		ug/L		94	30 - 135	
Naphthalene	2.50	2.32		ug/L		93	30 - 115	
Phenanthrene	2.50	2.39		ug/L		96	35 _ 125	
Pyrene	2.50	2.39		ug/L		96	35 _ 135	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
Fluorene-d10 (Surr)	92		25 - 125
Pyrene-d10 (Surr)	80		25 - 150
Benzo(a)pyrene-d12 (Surr)	90		10 - 125

Lab Sample ID: LCSD 250-5150/3-A

Matrix: Water

Analysis Batch: 5334

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5150

Control of the Contro								b maron	
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acenaphthene	2.50	2.14		ug/L		86	25 - 135	7	35
Acenaphthylene	2.50	2.12		ug/L		85	30 - 120	8	35
Anthracene	2.50	2.20		ug/L		88	30 - 120	8	35
Benzo[a]anthracene	2,50	2.13		ug/L		85	35 - 130	8	35
Benzo[a]pyrene	2.50	2.13		ug/L		85	40 - 135	8	35
Benzo[b]fluoranthene	2.50	2.18		ug/L		87	35 - 130	8	35
Benzo[g,h,i]perylene	2,50	2.14		ug/L		86	30 - 125	9	35
Benzo[k]fluoranthene	2,50	2,36		ug/L		94	30 - 145	6	35
Chrysene	2.50	2.16		ug/L		86	30 - 135	7	35
Dibenz(a,h)anthracene	2.50	2.16		ug/L		87	30 - 140	10	35
Fluoranthene	2.50	2.17		ug/L		87	30 - 125	8	35
Fluorene	2.50	2.18		ug/L		87	30 - 125	8	35
Indeno[1,2,3-cd]pyrene	2.50	2.18		ug/L		87	30 - 135	8	35

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 250-5150/3-A

Matrix: Water Analysis Batch: 5334 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5150

						1.10	to mercori	
Spike	LCSD	LCSD				%Rec.		RPD
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2.50	2.13		ug/L		85	30 _ 115	8	35
2.50	2.22		ug/L		89	35 - 125	7	35
2.50	2.24		ug/L		89	35 - 135	7	35
	Added 2.50 2.50	Added Result 2.50 2.13 2.50 2.22	Added Result Qualifier 2.50 2.13 2.50 2.22	Added Result Qualifier Unit 2.50 2.13 ug/L 2.50 2.22 ug/L	Added Result Qualifier Unit D 2.50 2.13 ug/L 2.50 2.22 ug/L	Added Result Qualifier Unit D %Rec 2.50 2.13 ug/L 85 2.50 2.22 ug/L 89	Spike LCSD Kec. Added Result Qualifier Unit D %Rec Limits 2.50 2.13 ug/L 85 30 - 115 2.50 2.22 ug/L 89 35 - 125	Added Result Qualifier Unit D %Rec Limits RPD 2.50 2.13 ug/L 85 30 - 115 8 2.50 2.22 ug/L 89 35 - 125 7

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Fluorene-d10 (Surr)	85		25 - 125
Pyrene-d10 (Surr)	75		25 - 150
Benzo(a)pyrene-d12 (Surr)	83		10 - 125

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

MR MR

Lab Sample ID: MB 250-4910/5

Matrix: Water

Analysis Batch: 4910

Client Sample ID: Method Blank

Prep Type: Total/NA

	MD	MID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons	ND		80	33	ug/L			05/12/12 15:14	1
	MB	мв							
South Annual Commission of the									

Surrogate **%Recovery Qualifier** Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 99 50 - 150 05/12/12 15:14

Lab Sample ID: LCS 250-4910/3

Matrix: Water

Analysis Batch: 4910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

A STATE OF THE STA	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Hydrocarbons	500	629		ug/L		126	70 - 130	

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 110 50 - 150

Lab Sample ID: LCSD 250-4910/4

Matrix: Water

Analysis Batch: 4910

Client Sample	ID: Lab Control	Sample Dup
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Prep Type: Total/NA

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Gasoline Range Hydrocarbons 500 620 ug/L 124 70 - 130

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 110 50 - 150

Lab Sample ID: 250-2617-2 MS

Client Sample ID: VOC02-P12-GW

Prep Type: Total/NA

Analysis Batch: 4910

Matrix: Water

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Hydrocarbons	87	-	500	648		ug/L		112	70 - 130	

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2617-1

SDG: VOC02DEC.12UC

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

Lab Sample ID: 250-2617-2 MS

Matrix: Water

Analysis Batch: 4910

Client Sample ID: VOC02-P12-GW

Prep Type: Total/NA

MS MS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 109 50 - 150

Lab Sample ID: 250-2617-1 DU

Matrix: Water

Analysis Batch: 4910

Client Sample ID: VOC02-P11-GW

Prep Type: Total/NA

Terrore services and the services of the servi	Sample	Sample	DU	DU				RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
Gasoline Range Hydrocarbons	ND		33,6	J	ug/L		NC	40

DU DU

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 104 50 - 150

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

MR MR

MR MR

Lab Sample ID: MB 250-4789/1-A

Matrix: Water

Analysis Batch: 4816

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4789

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C25)	ND		0,10	0.030	mg/L		05/10/12 09:25	05/10/12 11:58	1
RRO (nC25-nC36)	ND		0,50	0.040	mg/L		05/10/12 09:25	05/10/12 11:58	1
	DRO (C10-C25)	DRO (C10-C25) ND	DRO (C10-C25) ND	DRO (C10-C25) ND 0.10	DRO (C10-C25) ND 0.10 0.030	DRO (C10-C25) ND 0.10 0.030 mg/L	DRO (C10-C25) ND 0.10 0.030 mg/L	DRO (C10-C25) ND 0.10 0.030 mg/L 05/10/12 09:25	DRO (C10-C25) ND 0.10 0.030 mg/L 05/10/12 09:25 05/10/12 11:58

Surrogate	%Recovery	Qualifier Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane	74	50 15	05/10/12 00:25	05/10/12 11:58	

Lab Sample ID: LCS 250-4789/2-A

Matrix: Water

Analysis Batch: 4816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4789

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
DRO (C10-C25)	2.50	1.90		mg/L		76	50 - 150	
RRO (nC25-nC36)	1.50	1.08		mg/L		72	50 _ 150	

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctadecane 80 50 - 150

Lab Sample ID: LCSD 250-4789/3-A

Matrix: Water

Analysis Batch: 4816

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 4789

Andrews Andrews Andrews Andrews	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
DRO (C10-C25)	2.50	2.03		mg/L		81	50 - 150	6	20
RRO (nC25-nC36)	1.50	1.15		mg/L		77	50 - 150	7	20

LCSD LCSD

Surrogate %Recovery Qualifier Limits 50 - 150 1-Chlorooctadecane 78

QC Association Summary

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

GC/MS VOA

Analys	is I	Bati	ch:	492	3
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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-2617-1	VOC02-P11-GW	Total/NA	Water	8260B	
250-2617-2	VOC02-P12-GW	Total/NA	Water	8260B	
250-2676-F-1 MS	Matrix Spike	Total/NA	Water	8260B	
250-2676-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 250-4923/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 250-4923/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 250-4923/7	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 5150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-2617-2	VOC02-P12-GW	Total/NA	Water	3520C	
LCS 250-5150/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 250-5150/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 250-5150/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 5334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-2617-2	VOC02-P12-GW	Total/NA	Water	8270C SIM	5150
LCS 250-5150/2-A	Lab Control Sample	Total/NA	Water	B270C SIM	5150
LCSD 250-5150/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	5150
MB 250-5150/1-A	Method Blank	Total/NA	Water	8270C SIM	5150

GC VOA

Analysis Batch: 4910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-2617-1	VOC02-P11-GW	Total/NA	Water	NWTPH-Gx	
250-2617-1 DU	VOC02-P11-GW	Total/NA	Water	NWTPH-Gx	
250-2617-2	VOC02-P12-GW	Total/NA	Water	NWTPH-Gx	
250-2617-2 MS	VOC02-P12-GW	Total/NA	Water	NWTPH-Gx	
LCS 250-4910/3	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 250-4910/4	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
MB 250-4910/5	Method Blank	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 4789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-2617-1	VOC02-P11-GW	Total/NA	Water	3510C	
250-2617-2	VOC02-P12-GW	Total/NA	Water	3510C	
LCS 250-4789/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 250-4789/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 250-4789/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 4816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-2617-1	VOC02-P11-GW	Total/NA	Water	NWTPH-Dx	4789
250-2617-2	VOC02-P12-GW	Total/NA	Water	NWTPH-Dx	4789
LCS 250-4789/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	4789

QC Association Summary

Client: BB&A Environmental Project/Site: L&C Deli

TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

GC Semi VOA (Continued)

Analysis Batch: 4816 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 250-4789/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	4789
MB 250-4789/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	4789

Certification Summary

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Portland	Alaska	State Program	10	OR00040
TestAmerica Portland	Alaska (UST)	State Program	10	UST-012
TestAmerica Portland	California	State Program	9	2597
TestAmerica Portland	Oregon	NELAC	10	OR100021
TestAmerica Portland	USDA	Federal		P330-11-00092
TestAmerica Portland	Washington	State Program	10	C586

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: BB&A Environmental Project/Site: L&C Deli TestAmerica Job ID: 250-2617-1 SDG: VOC02DEC.12UC

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PRT
8270C SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	TAL PRT
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	TAL PRT
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL PRT

Protocol References:

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 PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

TestAmerico

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302

Work Order #:

CHAIN OF CUSTODY REPORT

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9405 SW Nimbus Ave, Beaverton, OR 97008-7145 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

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SAMPLE & 2 MAY NEED PAH / VPH / EPH ANALYSIS - CONSCIENCE SUMPLE VOLUME (IF 5,59thm) CHINCA POT TA 5/6/112 POSSIBLE) CHINCA POT TA 5/6/112 POSSIBLE) TA F F F F F F F F F F F F F F F F F F F	RELEASED BY:	FIRM:	5.84.00	SATE S	8112	RECEIVED BY:	men Fell)			
avice for the oblin Passible) 1555 IL (F) (R)	АБВП					is - Ces	seeve Sampl	e Volume) (I =	5.59) or (
			i.		. '30'	a fort	14 5/6/12 F/35/5/5	110	1 Paris		XL-1000(04

Login Sample Receipt Checklist

Client: BB&A Environmental

Job Number: 250-2617-1

SDG Number: VOC02DEC.12UC

List Source: TestAmerica Portland

Login Number: 2617 List Number: 1

Creator: Svabik-Seror, Philip

Question	A no	Commant
	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is 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	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	0
Samples are received within Holding Time.	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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

	ATTACHMENT D
	711 17 TOT IIII ETT D
UST D	ecommissioning Checklists and Forms
1	

INTEGRATED SITE INFORMATION SYSTEM UST SITE/TANK DATA SUMMARY AS OF 06/29/2011

20,977			7200-131-733-73	A CONTRACTOR OF THE STATE OF TH
UST SITE INFORMATION			FACILITY SITE INF	ORMATION-
SITE ID: 7176	SITE TAG # : A1	061	FACILITY SITE	ID: 92816657
VISTA MART		ľ	VISTA MART	
13912 NE 20TH AVE			13912 NE 20TH AVI	E
VANCOUVER, WA 98686			VANCOUVER, WA	98686
PHONE #: (360) 573-0338	UBI: 601-120-281 001	0001	LATITUDE/LONGIT	UDE: 45° 43' 15.304"/-122° 39' 7.66440
SITE COMMENTS			L	
PASS. 6/15/99 CDR/NS COMP	VISIT - ISSUE NOC FOR NOT FOR COR PRO VERIFICATION	THAVING UST & L	INE TIGHTNESS, CO	O. 10/10/99 CDR REC'D TIGHTNESS TEST - MPLETE INVENTORY, ANNUAL LINE LEAK 5/2/98 SS/RE-ENTER INFORMATION FROM
TANK: 1.	STATUS: Temporarily Clo		DT: 8/25/1992 PERM DT: 5/2/1998	MIT EXPIRATION DT PERMANENTLY CLOSED DT 4/30/2011
100	TANK	1 P	IPING I	English Co.
MATERIAL: Co CONSTRUCTION: Sin PRIMARY REL DETECT: We SECOND REL DETECT: TIGHTNESS TEST: An	ated Steel igle Wall Tank eekly Manual Gauging nual	Fiberglass Double Wall Pip Automatic Line Annual	pe Leak Detection	CAPACITY RANGE: 10,000 to 19,999 Gallons PUMP SYSTEM: Pressurized System SPILL PREVENTION: Spill Bucket/Spill Box OVERFILL PREVENT: Ball Float Valve (vent line)
ORROSION PROTECTION: Imp	pressed Current	Corrosion Resis	tant	
COMPARTA	MENT # SUBSTANCE ST	ORED	SUBSTANCE USED	ACTUAL CAPACITY
1	Unleaded Gasoline	Motor	Fuel for Vehicles	12000
ANK: 2.	STATUS: Temporarily Clo		DT: 8/25/1992 PERM DT: 5/2/1998	MIT EXPIRATION DT PERMANENTLY CLOSED DT 4/30/2011
195-h	TANK		IPING [
MATERIAL: Cos CONSTRUCTION: Sin PRIMARY REL DETECT: We SECOND REL DETECT: TIGHTNESS TEST: And	ated Steel gle Wall Tank ekly Manual Gauging nual	Fiberglass Double Wall Pip Automatic Line Annual Corrosion Resis	be Leak Detection	CAPACITY RANGE: 10,000 to 19,999 Gallons PUMP SYSTEM: Pressurized System SPILL PREVENTION: Spill Bucket/Spill Box OVERFILL PREVENT: Ball Float Valve (vent line)
g			SUBSTANCE USED	ACTUAL CARACITY 1
COMPARTN 1	SUBSTANCE ST Unleaded Gasoline		Fuel for Vehicles	12000
ANK: 3.	STATUS: Temporarily Clo	osed INSTALL		MIT EXPIRATION DT PERMANENTLY CLOSED DT 4/30/2011
40.40	TANK	P	IPING	
MATERIAL: Coa CONSTRUCTION: Sing PRIMARY REL DETECT: We SECOND REL DETECT: TIGHTNESS TEST: Ann PRROSION PROTECTION: Imp	gle Wall Tank ekly Manual Gauging nual	Fiberglass Single Wall Pipe Automatic Line Annual . Corrosion Resis	Leak Detection	CAPACITY RANGE: 10,000 to 19,999 Gallons PUMP SYSTEM: Pressurized System SPILL PREVENTION: Spill Bucket/Spill Box OVERFILL PREVENT: Ball Float Valve (vent line)
20.0017	AND AND ADDRESS OF THE PROPERTY OF THE PROPERT			ACTUAL CARACITY
COMPARTM	SUBSTANCE ST		SUBSTANCE USED	ACTUAL CAPACITY



UNDERGROUND STORAGE TANK Closure and Site Assessment Notice

FOR OFFICE US	SE ONLY
Site ID #:	
Facility Site ID #:	

VOCQ2DEC. 12UC

	LOGY	See back of form for in	structions		•
Please	✓ the appropriate box(es)				
	☐ Temporary Tank Closu	re D Change-In-Service	Permanent Tank Closure	☐ Site Check/Site Assessi	ment

	Site Inform	ation		Owner Information			
Site ID Number 71 71.6 (Available from Ecology if the tanks are registered)			UST Owr	UST Owner/Operator The 205 Group			
	Name VISTA	MART / LLC De	Mailing A	Mailing Address 2151 Nw 21st PLACE			
Site Address _	3912 NE	20th Ale			P.O. Box		
City/State	VAN COUVER	WA	_ City/State	- Ridgefield			
		phone (<u>360) 575 - 61</u>		CALL TO THE REAL PROPERTY OF THE PARTY OF TH	ephone (360) 281 - 089		
Owners Signa	iture	Tank Closure/Ch	ange-In-Serv	ice Company			
Service Compa	any BBEA	F ENVIOUNCENT		ice Company			
Certified Super	visor	Boese	Decomr	nissioning Certification	n No ICC # 1089 479		
Supervisor's \$	Signature	Toler TS	-		6-9-12		
Address				K 40187			
Street			P.O. Box	(
City	GENE	O√c State	۶ ۶۰۰۰ Zip Code	- Cicpiic	ne (541) _484_ 9484		
Certified Site A	ssessorS				BBIA ENVIRONMENTAL		
Street			P.O. Box				
City	ENE.	C/C. State	974-0 Zip Code		ne (54) 464 - 9464		
	(±)	Tank Informatio	n		Contamination Present at the Time of Closure		
Tank ID	Closure Date	Closure Method	Tank Capacity	Substance Stored			
- # i	4/25/12	[CHANNED	12,000 GM.	Pression UNI. GAS	Yes No Unknown		
44.15	4/25/12	<u>Removed</u>	12,000 GAS.	Unitended Gassinus	Check unknown if no obvious contamination was observed		
<u> </u>	4/26/12	<u>Remover</u>	12,000 GAI	/X ere	and sample results have not yet been received from analytical lab.		
		Vertical designation of the second			⊠ □ Yes No		
	***	F			If contamination is present, has the release been reported		
				The state of the s	to the appropriate regional office?		

To receive this document in an alternative format, contact the Toxics Cleanup Program at 360-407+7170 (voice) or 1-800-833-6388 OR 711 (TTY)

ECY 020-94 (Rev. 2-06)



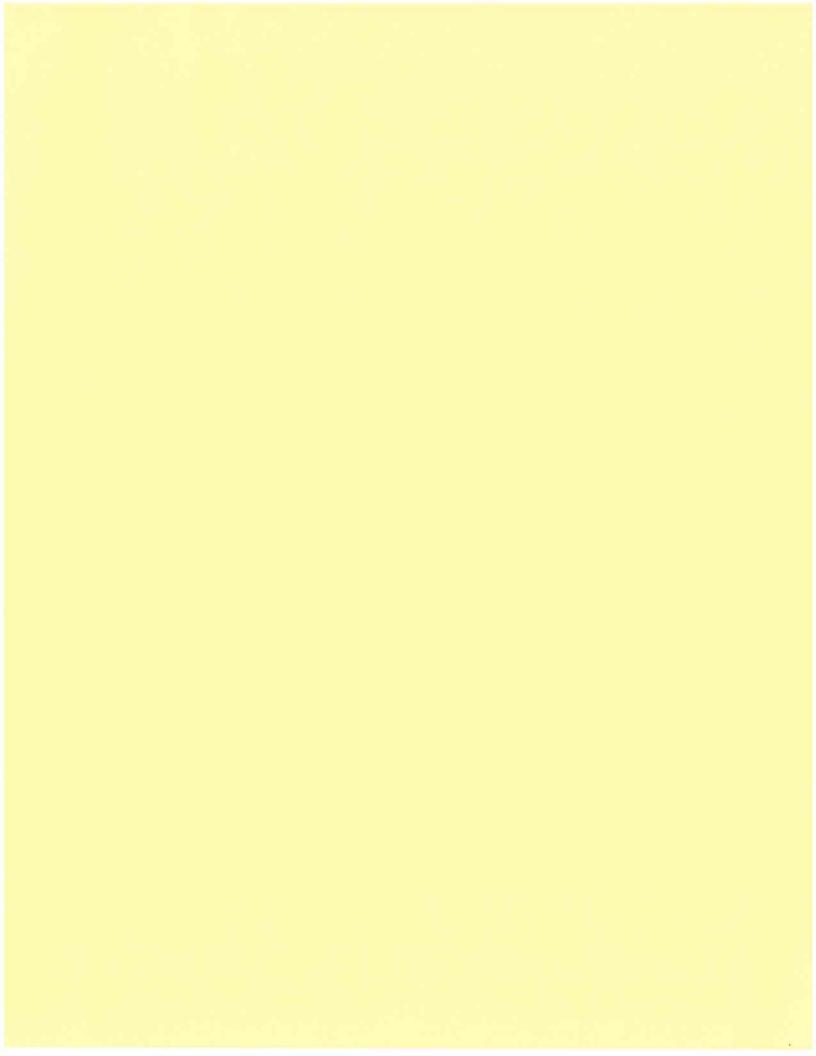
Please ✓ the appropriate box(es)

UNDERGROUND STORAGE TANK Closure and Site Assessment Notice

FOR OFFICE USE ONLY	
Site ID #:	
Facility Site ID #:	

See back of form for instructions

☐ Tem	porary Tank Closu	re 🗖 Change-In-Se	rvice Permaner	nt Tank Closure 🛚 Si	te Check/Site A	Assessment	
	Site Inform	ation		Owner Info	ormation		
Site ID Number 7176 (Available from Ecology if the tanks are registered) Site/Business Name Vista Mart / Lec Delistreet Street Site Address 13912 NE 20 th AJe				UST Owner/Operator The 205 Group Mailing Address 2151 Nw 21 ST PLACE Street P.O. Box			
City/State	VANCOUVER	WA	City/State	Ridgefield			
Zip Code 98	686 Telep	hone (<u>360)</u> 575 - (238 Zip Code	98642 Tel	ephone (<u>360</u>)	281-089	
Owners Signa	ture						
		Tank Closure/C	hange-In-Servi	ice Company		8	
Service Compa	any BB&A	ENVIRONMEN	TAL				
Certified Super	visor Rob	Boese	Decomn	nissioning Certification	No. ICC #	1089479	
Supervisor's	Signature						
AddressStreet			P. o. Bo	x 40187			
		0.0	P.O. Box		C41 4m4	GAOA	
City	gene	○ R State	9 74 c Zip Code	, , , , , , , , , , , , , , , , , , ,	ne (<u>541)</u> 484	- 1484	
Certified Site A Address Street	ssessor ST		P.O. Box	40187 Telepho	BB&A ENV		
		Tank Informati	14-0-72/07/07/07/08		Contamination		
Tank ID	Closure Date	Closure Method	Tank Capacity	Substance Stored			
4 1	4/25/12	REMOVED	12,000 GM.	Premium UNL. GAS	Yes No Check unknown	Unknown	
#2	4/25/12	REMOVED	12,000 GAL.	UNLEADED GASSINE	contamination v	vas observed	
# 3	4/25/12	REMOVED	12,000 GAI	Diesel	and sample res yet been receiv analytical lab.		
					Yes If contamination has the release to the appropria office?	been reported	





UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

	FOR OFFICE USE ONLY
Site	#:
Fac	lity Site ID #:

INSTRUCTIONS

SITE INFORMATION

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by ICC or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. The results of the site check or site assessment must be included with this checklist. This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

<u>SITE INFORMATION:</u> Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

<u>TANK INFORMATION:</u> Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

<u>SITE ASSESSOR INFORMATION</u>: This information must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section Department of Ecology PO Box 47655 Olympia WA 98504-7655

te Address:	13912 NE		Telephone: ()
VAN	Couver	Street	98686
City		State	Zip Code
ANK INFORMATI	ON		
Tank	ID No.	Tank Capacity	Substance Stored
		12,000 gal.	Premium UNL. GASOLINE
Z		12,000 gal.	Reg. Unleaded GASOliNE
		VA' ==	The state of the s
EASON FOR CO.	NDUCTING SITE OF	12,000 gal. IECK/SITE ASSESSMENT	Diesel

CHECKLIST		
Food item of the following shocklist shall be initialed by the passes as interest with the Day of the		1
Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.	YES	NO
The location of the UST site is shown on a vicinity map.	1/20	1,10
A brief summary of information obtained during the site inspection is provided.	T	
(see Section 3.2 in site assessment guidance)	V	
3. A summary of UST system data is provided. (see Section 3.1.)	1	
4. The soils characteristics at the UST site are described. (see Section 5.2)	J	
5. Is there any apparent groundwater in the tank excavation?	1	1
6. A brief description of the surrounding land use is provided. (see Section 3.1)		
 Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses. 	,	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	1	T
- groundwater samples distinguished from soil samples (if applicable)	1.	
- samples collected from stockpiled excavated soil	+ Y	1
- tank and piping locations and limits of excavation pit	1	
- adjacent structures and streets	1./	
- approximate locations of any on-site and nearby utilities	1./	
If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)	1	
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.	,	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	1	+
		_
 The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred. 	1	
Casactarios riae Casacrica.	I V	
STEPHEN OMO BBEA ENVIRONMENTAL		
Person registered with Ecology BEA ENVIRONMENTAL Firm Affiliated with		
Business Address: 25195 Sw Parkway Ave # 207 Telephone: (503) 570 9484		
Street Street		
Wilsonville OR 97070	5	
City State Zip Code		
I hereby certify that I have been in responsible charge of performing the site check/site assessment described above.	Persons	
submitting false information are subject to penalties under Chapter 173.360 WAC.		
_6/7/12 802m. Q		
Date Signature of Person Registered with Ecology		

If you need this publication in an alternate format, please contact Toxics Cleanup Program at (360) 407-7170. For persons with a speech or hearing impairment call 711 for relay service or 800-833-6388 for TTY.

Signature of Person Registered with Ecology