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Ed Lukas.  
Director of Asset Management  
City of Spokane  
808 W. Spokane Falls Blvd.  
Spokane, WA 99201

November 20, 2017

Project X17444

**Project: Former Normandie Maintenance Facility  
Spokane, WA**

**Subject: Environmental Site Characterization Report**

Dear Mr. Lukas,

Per your request, we conducted a remedial investigation of the former Normandie Maintenance Facility. We understand that this work was requested to facilitate potential sale or development of a regional stormwater infiltration facility. The results of this investigation are presented in the attached report and appendix. Our report of geotechnical evaluation for stormwater management is transmitted separately.

We appreciate the opportunity to be of service. If you have any questions please don't hesitate to call.

Respectfully Submitted:  
BUDINGER & ASSOCIATES

A handwritten signature in blue ink that reads 'S. Burchett'.

Stephen D. Burchett, PE  
Principal



11/20/17

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**FORMER NORMANDIE MAINTENANCE FACILITY,  
SPOKANE, WA**

**ENVIRONMENTAL SITE CHARACTERIZATION REPORT**

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## EXECUTIVE SUMMARY

The former Normandie Maintenance Facility has been operated by the City of Spokane for vehicle and heavy equipment maintenance since the turn of the last century, and has been recently vacated. The City is considering selling portions of the property or developing portions of the property into a regional stormwater treatment and infiltration facility.

Phase 1 environmental assessment of the property identified several recognized environmental conditions associated with this past use which are typical of older maintenance facilities. These include underground storage tanks (UST's), storm drains, floor drains, and previous spills and remedial action. Most of the UST's have been removed, requiring remediation of soil contamination due to leaks from some of the tanks.

The site is currently regulated by Ecology due to an active fueling station. It is listed as a leaking underground storage tank site, with a status of "cleanup started" for a release from an UST removed in 1988 which was remediated but not well documented. One UST remains abandoned in place due to proximity to a building, and contaminated soils associated with a cesspool remain beneath another building. Additional older UST's may be present which were not located by this or previous assessment of the site.

Additional research and environmental site characterization was performed to evaluate recognized environmental conditions associated with past use of the site, and conditions remaining from previous remedial efforts. We performed subsurface exploration, sampling and chemical analysis of soils adjacent to or beneath current and previous UST locations, previous remedial actions, stormwater treatment swales, and a representative number of floor drains and stormwater drains. Groundwater was sampled from three areas of previous soil remediation. Sediment samples were taken from a representative number of stormwater and floor drains to characterize the material for disposal.

A total of 42 environmental borings were drilled and sampled, 18 of these were advanced to groundwater which ranged from 20-30 feet below grade, depending on the surface elevation. Soil and groundwater samples were tested for petroleum, and many were also analyzed for heavy metals and volatile organic compounds (VOC's). Heavy oil range petroleum was detected in 17 of 96 samples tested, five of these were taken from stormwater or floor drain sediment. Diesel was detected in three of the samples. Petroleum concentrations were below regulatory limits in the 12 soils samples in which petroleum hydrocarbons were detected.

Heavy metal concentrations were slightly elevated in some of the soil samples. The chromium concentration in seven samples exceeded the regulatory limit for hexavalent chromium, but was well below but below regulatory limits for total chromium. Other heavy metal concentrations

were elevated in a few of the samples, but below regulatory limits. Trace concentrations of unrelated VOC's were detected in four samples.

Petroleum hydrocarbons and VOC's were not detected in groundwater samples. The Arsenic concentration was slightly above the MTCA regulatory limit of 5 ppb in one sample, but lower than the drinking water standard of 10 ppb.

We have not identified widespread or severe contamination of soil or groundwater remaining from past use of the site. Though not comprehensive, it is our opinion, that if significant soil or groundwater contamination were present, the location and number of borings and samples tested during this site characterization would have detected it. There is some potential for additional UST's or old spills to be present that were not identified through this effort.

Some remediation of petroleum contaminated soils will be likely be necessary during re-development of the site. Specifically, soil contamination remains in place surrounding the cesspool beneath the broom shed, near the UST closed in place by the engineering building, and beneath some of the floor drains. Though they appear to be connected to the sanitary sewer, they are very old and removal will likely encounter minor amounts of contaminated soil. Removal of the fueling station UST's is likely to encounter minor amounts of petroleum contaminated soil as well.

## **1. Introduction**

This report presents the results of environmental characterization of the former Normandie maintenance facilities. The work was contracted and coordinated with the City of Spokane (Ed Lukas, Director of Asset Management) under Task Order 34, on-call agreement 2016-0012 on August 24, 2017.

### **1.1 Purpose**

The City of Spokane is considering selling all or portions of the property for re-development, or using the property for a regional stormwater treatment and infiltration facility. The purpose of this assessment is to help characterize environmental conditions resulting from past use well enough to allow the City to evaluate environmental conditions that may require remediation or other special consideration during re-use of the site. It is also intended for submittal to Ecology to help satisfy their request for additional information concerning a previous release at the site and facilitate Site Hazard Assessment (SHA) of the property.

### **1.2 Scope of Work Performed**

This work was performed in general accordance with our sampling and analysis plan dated August 22, 2017. The work performed included the following:

- Reviewed available environmental assessment reports and other historical information
- Interviewed personnel familiar with past operations and conditions at the site
- Performed reconnaissance of the site and facilities to identify exploratory boring locations
- Contacted the utility location “one call” service and retained a private locator with ground penetrating radar to survey potential boring and tank locations
- Cleared areas congested with utilities and locations where potential tanks may remain with a vacuum excavator
- Drilled logged and sampled 42 environmental borings to depths of 10-40 feet
- Sampled sediment in storm drains and floor drains at 5 locations
- Sampled groundwater in three temporary monitoring wells near previous remedial excavation
- Performed soil vapor extraction testing at three monitoring well locations and monitored soils encountered during drilling and sampling for VOC’s
- Preparation of this report

The scope of environmental characterization performed was not comprehensive, but focused on the areas where soil or groundwater were considered most likely to be present. Additional environmental assessment will be necessary when the existing structures are demolished, and when the current fueling station and previously abandoned UST’s are removed. Geotechnical exploration and analysis for stormwater management was performed concurrently with this characterization; that report is transmitted separately.

## **2. Site Description**

### **2.1 Location and Legal Description**

The subject property occupies two city blocks and the adjacent section of Normandie Street, north of Downtown Spokane. It has a street address of 127 west Mission Avenue and is Spokane County Tax Parcel #35181.0201. It is currently zoned for office and retail use. A legal description of the property is presented in the Appraisal (See Appendix). The location of the site and surrounding areas are presented on the Vicinity Map and Site Plans (Figures 1 and 2).

### **2.2 Site and Vicinity Characteristics**

The site is in an older neighborhood of Spokane which was mostly developed by the middle of the last century. The areas to the north were originally residential, while the areas to the south included a mix of industrial and commercial uses. The surrounding area is currently mostly commercial, with residential use to the north and scattered residences remaining to the east and west. Mission Avenue and the areas to the south have been mostly developed into commercial use, and the Division Street corridor three blocks to the east is nearly entirely commercial.

The subject property has been used and developed into a maintenance facility since the early 1900’s. It is currently vacant and has been used recently for minor storage, filming and for Police

Department training exercises. The fueling station remains in use. Site conditions historical use and improvements to the property are described in detail in the Phase 1 Environmental Assessment report prepared by Stantek (August 16, 2016, See Appendix). The existing buildings and improvements are also described in detail in the property appraisal by Daniel E Barrett, MAI (December 7, 2004, See Appendix).

### 2.3 Geologic and Hydrogeologic Setting

The geology of this area of Spokane is characterized by glacial outwash flooding which scoured and removed basalt formations of the Columbia River Group, and deposited thick sequences of generally coarse flood deposits. In this area, basalt outcrops are present within several blocks of the site, however, basalt was not encountered to depths of 30-40 feet during subsurface exploration.

The soils encountered are predominantly gravels with sand and minor amounts of silt and fines. Occasional cobbles and boulders were encountered. These soils are very permeable to both liquids and gasses, though occasional lenses or layers of finer material may be present. Descriptions of the materials encountered during drilling are presented on the boring logs (Figure(s) 6).

The site lies over the Spokane/Rathdrum Prairie aquifer which flows through these coarse alluvial deposits. In this area, the flow is thought to be to the west/northwest. Groundwater was encountered at depths of 20 to 30 feet below grade depending on the surface elevation at each particular boring.

### 2.4 Subsurface Exploration

Exploratory borings were advanced using cased air rotary drilling equipment inside and outside of the buildings. Environmental drilling and sampling protocol were followed including pressure washing and cleaning of drilling and sampling equipment between sampling locations. Most of the samples were taken using conventional split spoon samplers; cutting samples were collected as drilling was advanced. In some areas, soil conditions were too coarse to obtain split spoon samples and cutting samples were analyzed.

Soil samples and cuttings were evaluated for indications of chemical contamination, such as unusual color or chemical odor. A PID was used to screen drill cuttings and sample headspace for volatile organic constituents. Observed conditions and PID readings are presented on the attached Boring logs. Samples were placed in containers using disposable sampling gloves and placed in a cooler on ice. They were transported to the analytical laboratory (Anatek Labs) under Chain of Custody.

### 2.5 Chemical Analysis

Representative samples were selected for chemical analysis, based on location, depth and potential contamination source. Samples taken near the fueling station were analyzed for

gasoline and diesel constituents, samples from floor drains and near the waste oil tank were also analyzed for heavy metals. Test results are presented on the attached laboratory summaries for soil and groundwater; analytical reports, QA/QC data and Chain of Custody forms are presented in the Appendix.

### **3. Results of Environmental Characterization**

#### **3.1 Stormwater and Floor Drains**

Most of the buildings were originally constructed with floor drains; many of the floor drains exhibit significant staining of the adjacent areas and have accumulated sediment. Plans provided by the City indicate that these drains are connected to the sanitary sewer system, or have subsequently been connected (See Appendix A).

The Mission Sheds building adjacent to Mission Avenue at the northwest edge of the property was originally constructed as horse stables. Each of the bays has a floor drain which was connected to the sanitary sewer when the sheds were originally constructed in the early 1900's. The sheds have since been used for vehicle and equipment parking and maintenance, and some of the bays exhibit severe staining and use for painting. Borings 35 and 42 were drilled in these buildings.

Boring 18 was advanced near a floor drain in the demolished welding shop, and Boring 38 was located near floor hoists and drains in the adjacent Radio and Body Shop on the north side of the site. Petroleum hydrocarbons were detected in one sample near the floor hoist at trace concentrations, but were not detected in the other samples.

Borings 3-8 were advanced next to stormwater drainage structures in the northwestern lot area to obtain samples from beneath these structures. Borings 29-31 were located next to storm drains east of the City Stores Building and Annex. Petroleum and heavy metal contamination was not detected in the soil samples adjacent to these structures. Petroleum was detected at low concentrations in samples of sediment from the storm drains adjacent to Boring 3 and 29. It is fairly typical for storm drain sediments to contain petroleum.

A series of buildings were constructed west of the south side of Normandie Street for pressure washing equipment and maintenance. These buildings have floor drains that function as small oil-water separators, but were connected to a couple of cesspool/drywell structures to the north. The Broom Shed building used to park street sweepers was later constructed directly over these cesspools. In 1998, soils beneath and outside the Broom Shed building were excavated and the building was connected to the sanitary sewer due to a break in the line. The contaminated soils could not be completely removed due to the adjacent building and utility lines (See 1998 remediation report by the Lambert Group, Appendix).

Borings 13, 32 and 36 were located as closely as practicable to the cesspool structures. Results from Boring 13 were below detection limits for samples taken at 5 foot intervals to the water table. Petroleum was not detected in Boring 32. Boring 36 encountered petroleum hydrocarbons at levels below regulatory limits to depths of 15 feet adjacent to the cesspool structure. Groundwater samples taken from Boring 13 do not indicate impact from the petroleum contaminated soils left in place.

Borings 23-24 and 33-34 were advanced adjacent to floor drains inside these buildings. Boring 33 encountered petroleum hydrocarbons to depths of 10' along with trace concentrations of several VOC's, below regulatory limits. While not severe, it does indicate the potential for leakage from some of the other floor drains to surrounding soils. Petroleum and heavy metal contamination were not detected in samples from Borings 23 and 24, Samples from Boring 34 were not tested, but did not appear to be contaminated.

Shallow soils were taken from the stormwater swale adjacent to the fueling facility, from the swale west of the south end of Normandie Street and from the swale at the north end of Normandie Street. Borings 19, 20 and 22 were drilled adjacent to these locations. A surface spill of 30 gallons of gasoline was reported from the fueling station which required remediation of the adjacent swale. Overflow from this swale is piped across Normandie to the western swale. The northern swale collects runoff from stormdrains in former Normandie. Stormwater runoff from streets and maintenance areas is typically contaminated with petroleum.

Shallow soils in the southern swales contained low concentrations of heavy oil range petroleum, VOC results were below detection limits; deeper soils tested were below detection limits. We did not find significant contamination associated with the stormwater infiltration swales, though shallow topsoil and catchbasin sediments are contaminated with petroleum.

The Fleet Maintenance Building fronts on Sinto Avenue east of Normandie. It has a large number of floor drains and has been used extensively for vehicle maintenance. The main maintenance floor of the building is level with Sinto, while the lower floor daylight to the north. The lower level was used for storage and maintenance. Maps provided by the City indicate that the floor drains are connected to the sewer system. We did not test sediment in these drains or drill and sample near drains in the lower level, however, the sediment is likely to contain petroleum and possibly other related chemicals.

### 3.2 Underground Storage Tanks

Several UST systems have been removed from the site, two tanks have been abandoned in place, and one or more additional tanks may be abandoned in place. The tank records provided by the City and WSDOE are not conclusive, and appear to contain duplicate references, however 17 UST's are referenced.

Two tanks are still in service at the fueling station, a 10,000 gallon diesel tank and 20,000 gallon gasoline tank. This system appears to be in compliance with current UST regulations but will require closure and removal to facilitate re-development at some point. Several UST's were removed from this location prior to installation of the current system, requiring remediation of contaminated soils (See 1998 Report by The Lambert Group, Appendix)

Borings 11, 19, 27, and 40 were drilled and sampled to the water table adjacent to the current and previously removed UST's at the fueling station. Water samples were taken from a temporary monitor well installed in Boring 11. Numerous samples were analyzed for petroleum hydrocarbons, lead and VOC's.

Most of the results were below detection limits for gasoline or diesel constituents and VOC's. Petroleum hydrocarbons and VOC's were not detected in groundwater taken from Boring 11. Heavy metal concentrations were below detection limits or below regulatory limits.

Trace concentrations of diesel were identified in one sample from Boring 19, below regulatory limits, and trace concentrations of acetone were detected in one sample from Boring 19. Lead concentrations did not appear elevated. A sample of shallow soils in the swale adjacent to Boring 19 contained trace concentrations of heavy petroleum and naphthalene. In our opinion, these results do not indicate significant soil or groundwater contamination from previous UST release remediation or the current UST system.

A heating oil tank was abandoned in place to the east of the field engineers building. The GPR survey was able to identify the location of this tank, and the fill ports are visible at the surface. Another UST is suspected to have been removed from the east side of the Broom Shed and possibly to the east of the wash bays, adjacent to the current stormwater swale. Stormwater, including spills from the fueling station are piped to this swale as well. A 280 gallon UST is illustrated on historical fire insurance maps near the former welding shop at the north side of the site. Pavement cuts and mechanical equipment inside the Field Engineers Building lead us to suspect that a UST was currently located beneath the lot to the west of the building. GPR surveys were somewhat inconclusive, but did not identify tanks remaining at these locations.

Borings 17, 20, 21 and 37 were drilled at these locations. One sample from Boring 17 contained heavy oil range petroleum. Samples from Boring 37, west of the Field Engineers Building contained heavy oil range petroleum at low concentrations. The results are relatively low and below regulatory action levels. In our experience, the results do not suggest a significant release, but do warrant more assessment during demolition of the facilities.

A former fueling station was located in the lot area of the western half of the property. Underground storage tanks and dispensers, including a previously closed in place tank beneath the dispensers were removed in 1997. Petroleum contaminated soils were removed until test results from the remedial excavations were below regulatory limits (See Rob's Demolition report

of UST removal and assessment, 1997, Appendix ). Borings 2 and 14 were advanced at the location of the remedial excavations to sample the underlying soils.

Obvious staining or other evidence of contamination was not observed. Several samples were tested for petroleum hydrocarbons which were not detected. VOC's were not detected, and heavy metal concentrations appear to be normal or below detection limits. This work was performed as a check on the previous remedial effort. We conclude that significant petroleum contamination is no longer present from this release.

A 10,000 gallon heating oil tank was previously located north of the Fleet building which was removed in 1988. It had been converted to waste oil storage. Removal of the tank involved excavation of petroleum contaminated soils which reached the water table at that time. Available reports indicate that the contaminated soils were removed, but documentation of sampling and chemical analysis following remediation is not available. See information provided by Ecology (Appendix E). The remedial excavation extended to the water table which we encountered at 20 feet below this lower portion of the site.

Borings 12, 16, 25, 26, 28, 39, and 41 were drilled and sampled to the water table in the vicinity of the removed tank. Groundwater samples were taken from a temporary monitoring well installed at the location of Boring 12, north and west of the former UST. Samples were tested for petroleum hydrocarbons, and VOC's with results below detection limits except for one sample from Boring 28 and two from Boring 39 which contained very low concentrations of heavy petroleum hydrocarbons, below regulatory limits. Petroleum and VOC's were not detected in groundwater samples taken from this location, heavy metals were detected at trace concentrations or were below regulatory limits. We did not find significant petroleum contamination remaining from this UST release.

#### **4. Conclusions**

We have not found significant environmental contamination during the course of this investigation. The conditions we have identified are relatively minor, and can likely be managed through remediation of floor drains and storm drains.

The current active UST system needs to be removed to accommodate future development, minor amounts of soil contamination will likely need to be disposed of during removal of the system. Removal of abandoned tanks, stormwater and floor drains will likely also require some remediation.

We have not encountered severe or widespread soil contamination, or evidence of groundwater contamination, that would require significant environmental remediation.

## **5. Recommendations**

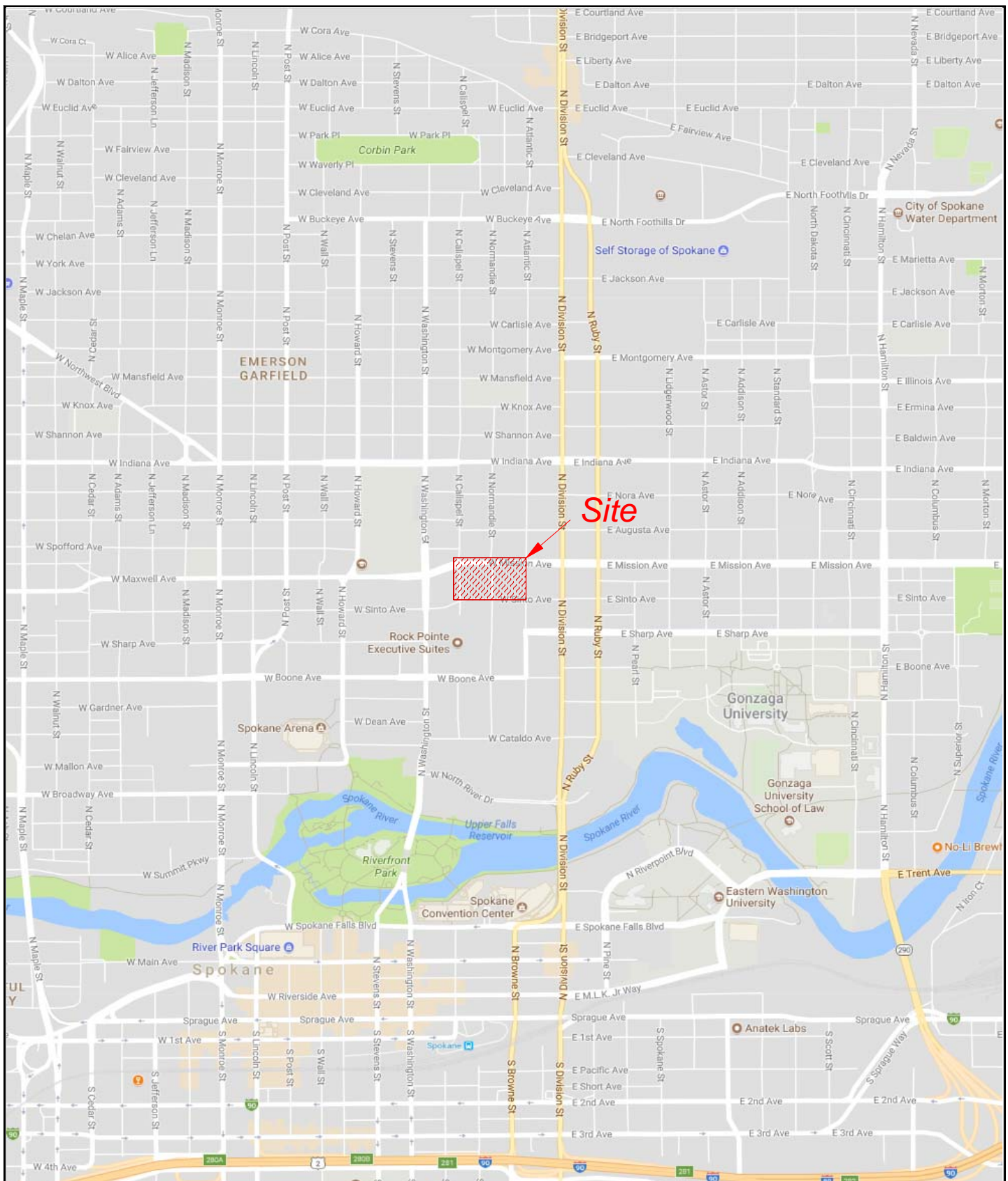
We recommend removing the abandoned UST's and floor drains and remediation of surrounding soils as necessary. We recommend removing the cesspool and drains serving the Broom Shed and wash bays and removing contaminated soils as necessary.

We recommend eventual closing and assessment for the active fueling station. Some remediation should be anticipated due to leaks and spills and tank overfills. These conditions are normal or at least common. We did not find severe or widespread soil or groundwater contamination associated with this or previous UST systems.

## **6. Limitations**

As this investigation is not comprehensive, we recommend awareness of the potential for contaminated soils and other adverse environmental conditions to be found in other areas of the property, including potentially other abandoned UST not identified during this characterization.

The conclusions and recommendations presented herein comprise professional opinions based on the information reviewed and results of exploration and analysis to date. This report is intended for the use of our Clients for the purposes stated herein. It should not be relied upon by other parties for other purposes. No express or implied warranties are offered or implied.



**Budinger  
& Associates**

**Vicinity Map**

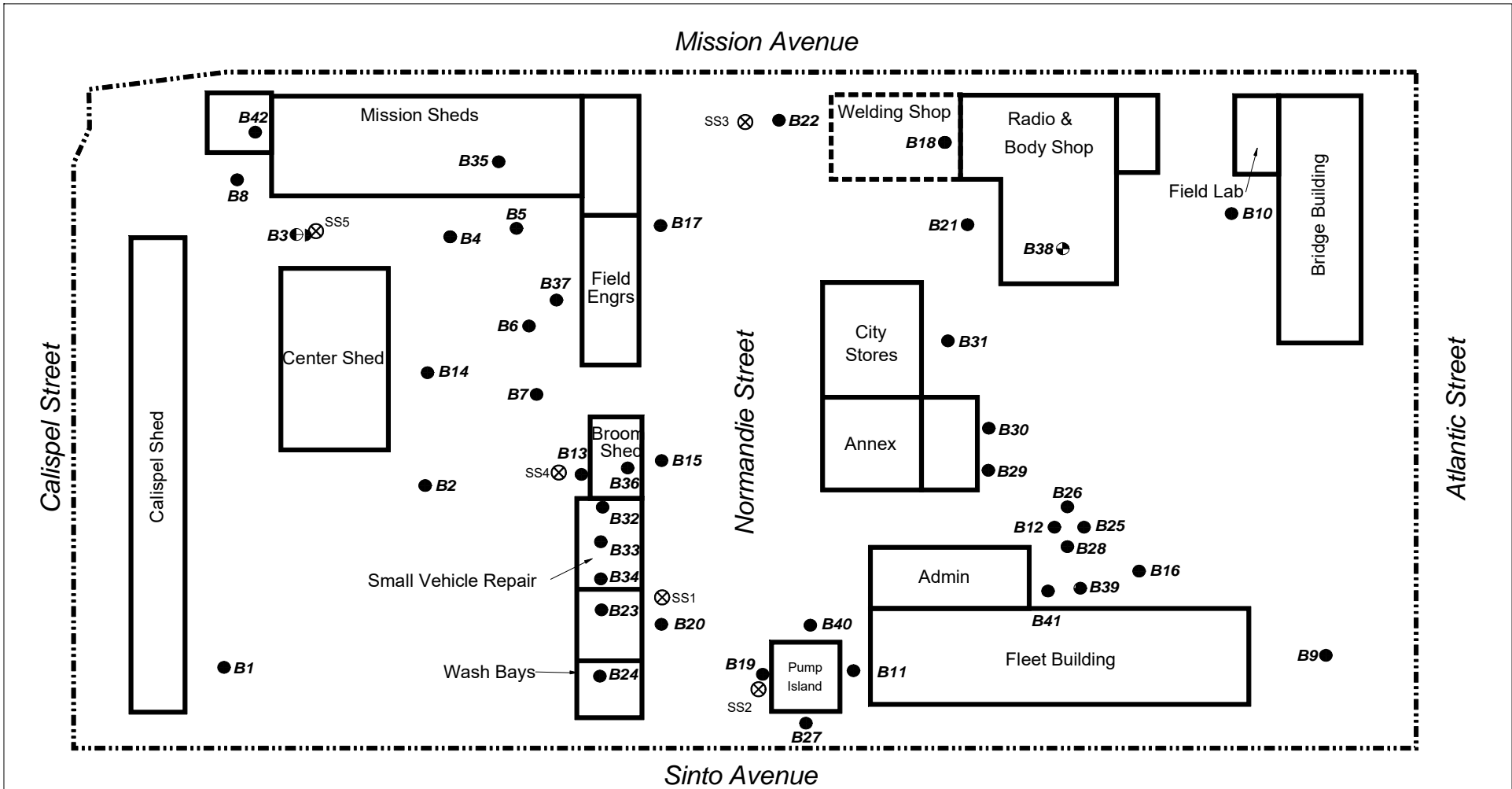
127 W. Mission Ave., Spokane, WA

**FIGURE 1**

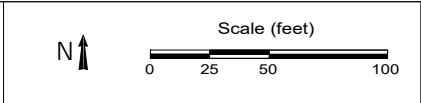
PROJECT NUMBER: X17444  
DATE: 10/9/2017




<ul style="list-style-type: none"> <li>Test Borings (B)</li> <li>Surface Samples (SS)</li> <li>Existing Tanks</li> <li>Removed Tanks</li> </ul>	<p style="text-align: center;">N ↑</p> <p style="text-align: center;">Scale (feet)</p> <p style="text-align: center;">0    25    50    100</p>	 <p style="text-align: center;"><b>Budinger &amp; Associates</b></p>	<p style="text-align: center;"><b>SITE PLAN - Overview</b></p> <p style="text-align: center;">127 W. Mission Ave. Spokane, WA 99201</p>	<p style="text-align: center;"><b>FIGURE 2</b></p> <p style="text-align: center;">Project No.: X-17444 Date: October 9, 2017</p>
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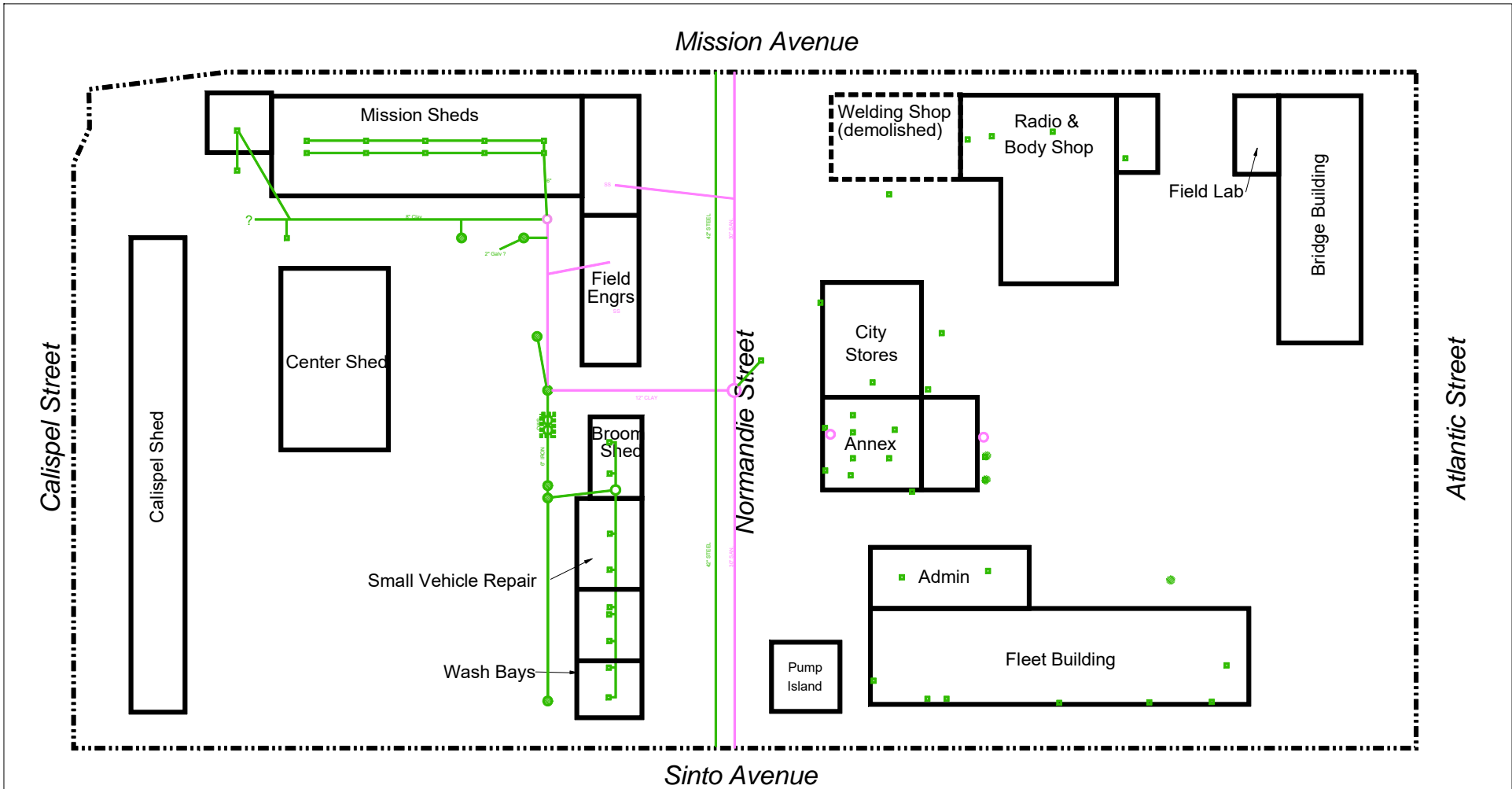
Test Borings (B) ●  
 Surface Samples (SS) ⊗  
 Existing Tanks —  
 Removed Tanks - - -



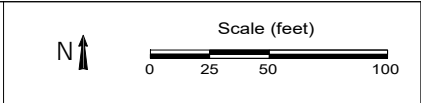

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**SITE PLAN - Sampling Detail**  
 127 W. Mission Ave.  
 Spokane, WA 99201

**FIGURE 3**  
 Project No.: X-17444  
 Date: October 9, 2017



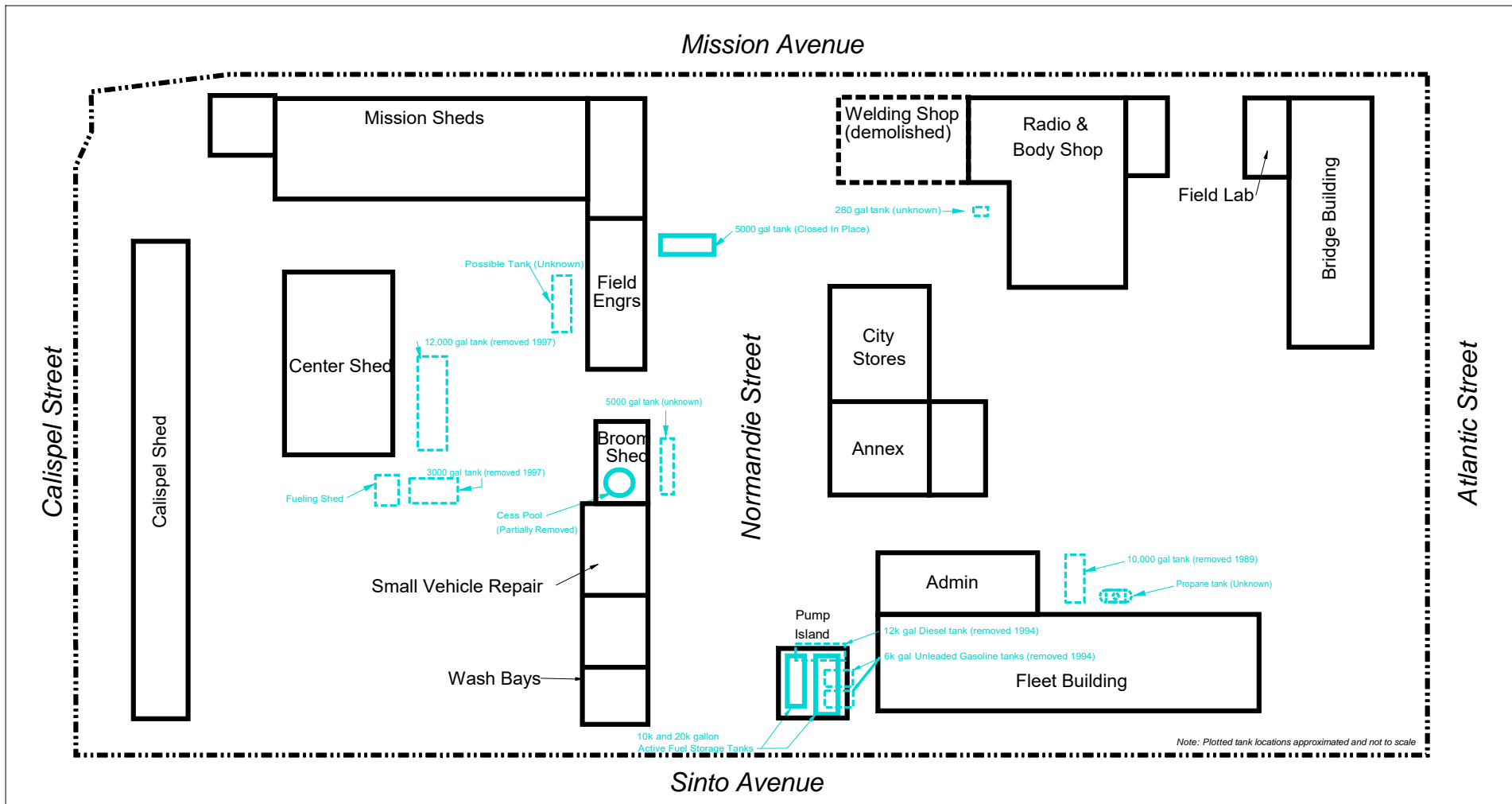
Larger Drains and Dry Wells ●  
 Small Floor Drains ■



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**SITE PLAN - Drainage Detail**  
 127 W. Mission Ave.  
 Spokane, WA 99201

**FIGURE 4**  
 Project No.: X-17444  
 Date: October 9, 2017



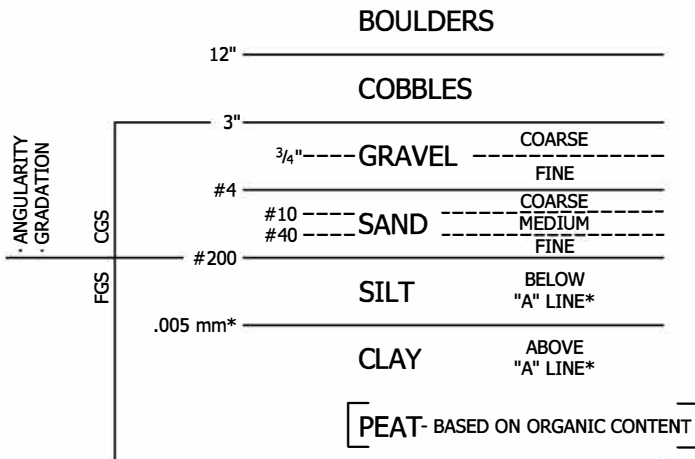
<p>Existing Tanks (Known) </p> <p>Removed Tanks </p>	<p>N ↑</p> <p>Scale (feet)</p> <p>0 25 50 100</p>	 <p><b>Budinger &amp; Associates</b></p>	<p><b>SITE PLAN - Tank Locations</b></p> <p>127 W. Mission Ave. Spokane, WA 99201</p>	<p><b>FIGURE 5</b></p> <p>Project No.: X-17444 Date: October 9, 2017</p>
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**Table 1 - Test Boring Summary**

Boring ID	Elevation	Date Drilled	Depth (ft)	Description	Notes
B1	1893	8/30/2017	36.5	SW corner 25' E of Calispel shed and 30' N of Sinto Ave.	Groundwater (GW) measured at 31.5'
B2	1892	8/30/2017	31.5	Thru 3,000 gal tank site area southeast of Center Shed	GW @ 28.5'
B3	1890	8/31/2017	11.5	Outdoor surface drain - NW side of Center Shed	Drain sediment material also tested
B4	1889	8/31/2017	11.5	Outdoor surface drain - ~25' S of Mission Shed, 90' W of Engrs Bldg.	
B5	1889	8/31/2017	11.5	Outdoor surface drain - ~25' S of Mission Shed, 25' W of Engrs Bldg.	
B6	1889	8/31/2017	12.0	Outdoor surface drain - ~75' S of Mission Shed, 30' W of Engrs Bldg.	
B7	1889	8/31/2017	14.0	Outdoor surface drain - ~15' N and 25' W of Broom Shed in driveway opening	Poor sample recovery 9.5-13'
B8	1890	9/1/2017	26.5	NW corner, dry well, 15' W of Mission Shed, 15' S of Maint shed.	1st Water Infiltration Test (avg ~80 gpm @ 15'). Groundwater encountered at 27' 8".
B9	1896	9/5/2017	29.0	SE corner of property E of Fleet Bldg.	2nd Water Infiltration Test (avg ~ 68 gpm @ 15'). Groundwater not encountered.
B10	1906	9/5/2017	29.8	NE corner of property, W of Bridge Bldg.	3rd Water Infiltration Test (avg ~ 12 gpm @ 15'). Groundwater not encountered.
B11	1890	9/6/2017	35.0	E side of pump islands near Fleet Bldg.	Water/Vapor temp test boring. GW @ 27'
B12	1884	9/6/2017	21.0	North of Fleet in low intersection	Water/Vapor temp test boring. GW @ 20'
B13	1889	9/7/2017	31.5	8' W of Broom Shed, 12' N of Sm Veh Shop near Cesspool	W side of vault near cesspool in Broom Shed. GW @ 27'. Water/Vapor tested
B14	1890	9/8/2017	30.5	N. end of 12k tank, E of Center Shed, west side	GW @ 29'
B15	1889	9/8/2017	30.0	Poss tank, E side of Broom shed, W of Normandie St.	GW @ 27'
B16	1884	9/8/2017	16.5	Dry well N side of Fleet in drive, E of 10k tank ~ 40'	
B17	1889	9/11/2017	29.5	E side of Engr. Bldg, W of Normandie, N side of tank	~15' W of bldg, GW @ 26.5'
B18	1890	9/11/2017	16.5	W. side of Radio shop (Weld shop) near drain	
B19	1889	9/14/2017	27.5	Grassy swale, W side of pump island near flag pole	GW @ 27'
B20	1889	9/15/2017	22.0	Grassy swale, E side SVR Shop, W of Normandie	
B21	1890	9/15/2017	22.0	W of Radio Shop, near 280 gal tank	
B22	1888	9/15/2017	20.0	Grassy swale, W side of welding shop near Mission	
B23	1889	9/20/2017	7.5	N. floor drain, Wash Bay, W Side	
B24	1889	9/20/2017	7.0	S. floor drain, Wash Bay, W Side	
B25	1884	9/21/2017	21.0	N of Fleet, E side presumed tank location	GW @ 21'
B26	1884	9/21/2017	21.0	N of Fleet, N side presumed tank location	GW @ 20'
B27	1890	9/22/2017	27.5	S. end or pump island near Sinto Ave.	GW @ 27'
B28	1884	9/22/2017	21.0	N of Fleet, S side presumed tank loc	GW @ 20.5'
B29	1883	9/25/2017	11.5	S-most dry well, E of Annex garage	
B30	1883	9/25/2017	11.5	N-most dry well E of Annex garage	
B31	1882	9/25/2017	11.5	Dry well E of City Shops near personnel door	
B32	1889	9/26/2017	30.0	Inside N end Sm Veh Shop, near cess pool	
B33	1889	9/26/2017	15.0	Inside Small vehicle shop, N floor drain	
B34	1889	9/27/2017	10.0	Inside Small vehicle shop, S floor drain	
B35	1889	9/26/2017	10.0	5th bay from E end Mission Sheds	
B36	1889	9/27/2017	15.0	Broomshed, north east edge of cess pool	
B37	1889	9/27/2017	30.0	W of Engrs Bldg, center of tank patch	GW @ 28'
B38	1890	9/27/2017	29.0	Inside radio shop, midpoint between hoist cylinders	GW @ 27'
B39	1884	9/27/2017	25.0	30'E of Admin & 17' North of Fleet Bldg,	GW @ 19'
B40	1890	9/29/2017	27.5	North side of pump islands	GW @ 27'
B41	1884	9/29/2017	22.5	10' x 10' from NE corner of Admin & Fleet Bldgs	GW @ 19'
B42	1890	9/29/2017	10.0	2nd bay west in garage, W end of Mission sheds	

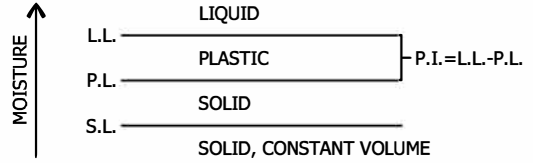
# GUIDE TO SOIL & ROCK DESCRIPTIONS

## SOIL CLASSIFICATION

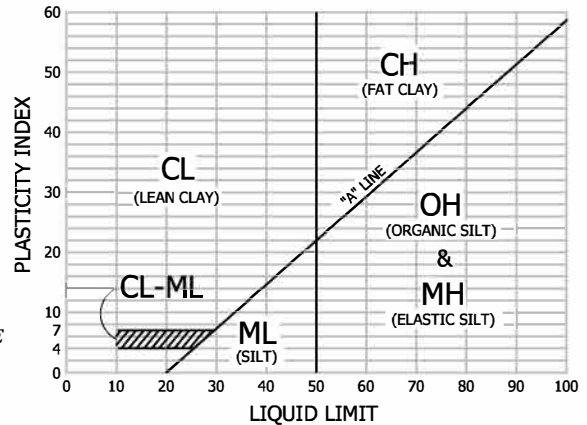


\* SEE PLASTICITY CHART  
 CGS - COARSE GRAINED SOIL - MORE THAN 50% RETAINED ON A #200 SIEVE  
 FGS - FINE GRAINED SOIL - 50% MORE PASSES, #200 SIEVE  
 FINES - PORTION FINER THAN #200 SIEVE

## ATTERBERG LIMITS



## PLASTICITY CHART



NOTE - CHART APPLIES TO FGS AND MINUS #40 SIEVE FRACTION OF CGS

## GUIDE TO SOIL DESCRIPTION MODIFIERS, MOISTURE, AND CONDITION PRESENTED ON LOGS

MODIFIER	ESTIMATED PERCENTAGE OF MATERIAL	MOISTURE	SOIL CONDITION
SUFFIX "LY" OR "Y"	30% OR MORE FOR COARSE PARTS IN FGS GREATER THAN 12% FOR FINES IN CGS	DRY	CGS: VERY LOOSE
WITH	15% - 29% FOR COARSE PARTS IN FGS 5% - 12% FOR FINES IN CGS	MOIST	LOOSE
SMALL AMOUNT	8% - 25%	SATURATED OR WET	MEDIUM DENSE
TRACE/OCCASIONAL	1% - 12%		DENSE VERY DENSE

NOTE - BOUNDARIES APPLY ONLY TO CLASSIFICATIONS FROM LABORATORY TESTING. VISUAL ESTIMATES OF MATERIAL PERCENTAGES TYPICALLY VARY 0 TO 10% FROM THOSE DETERMINED BY LABORATORY TESTING.

### SAMPLES

- STANDARD 2" PENETRATION TEST SAMPLER WITH BLOWS PER FOOT
- 3" SPLIT SPOON SAMPLER WITH BLOWS PER FOOT
- DRILL CUTTING SAMPLE
- BULK SAMPLE
- THIN-WALLED TUBE SAMPLE
- DIAMOND CORE RUN WITH % RECOVERY & ROCK QUALITY DESIGNATION
- 4" SPLIT SPOON SAMPLER WITH BLOWS PER FOOT
- R** REFUSAL OF SAMPLE (50+ BLOWS PER 6")

### ROCK WEATHERING

- FRESH
- SLIGHTLY WEATHERED
- MODERATELY WEATHERED
- HIGHLY WEATHERED
- COMPLETELY WEATHERED
- RESIDUAL SOIL

### ROCK CONDITION

- EXTREMELY WEAK
- VERY WEAK
- MODERATELY WEAK
- MODERATELY STRONG
- STRONG
- VERY STRONG



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FIGURE 3

## TEST BORING 1

**Date of Boring:** 8-30-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** southwest corner  
**Surface:** bare

**Elevation:** 1893 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
○	○
■	■
○	○
■	■

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0			6 inches HMA	[Cross-hatched pattern]	
		dry, dark brown, tan, gray	SILTY SAND with Gravel, coarse to fine, angular (fill)	[Cross-hatched pattern]	
5	R (56%)	dry, brown, very dense	GRAVEL with Sand, coarse to fine, angular (PID meter reading = 0.0 ppm)	[Gravel pattern]	+100
10	17 (54%)		(PID meter reading = 0.0 ppm)	[Gravel pattern]	■
15	84 (77%)		(PID meter reading = 0.0 ppm)	[Gravel pattern]	○
20	75 (29%)	dry, brown, dense	GRAVEL with Sand and silty clay, coarse to fine, clay interbed (PID meter reading = 0.0 ppm)	[Gravel pattern]	■
25	R (25%)		(PID meter reading = 0.0 ppm)	[Gravel pattern]	+100
30	42 (67%)	wet, brown, medium dense	GRAVEL with Silt, coarse to fine, subangular to angular (PID meter reading = 0.0 ppm)	[Gravel pattern]	■
35				[Gravel pattern]	
			End of Boring @ 36.5 ft	[Gravel pattern]	
40				[Gravel pattern]	

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

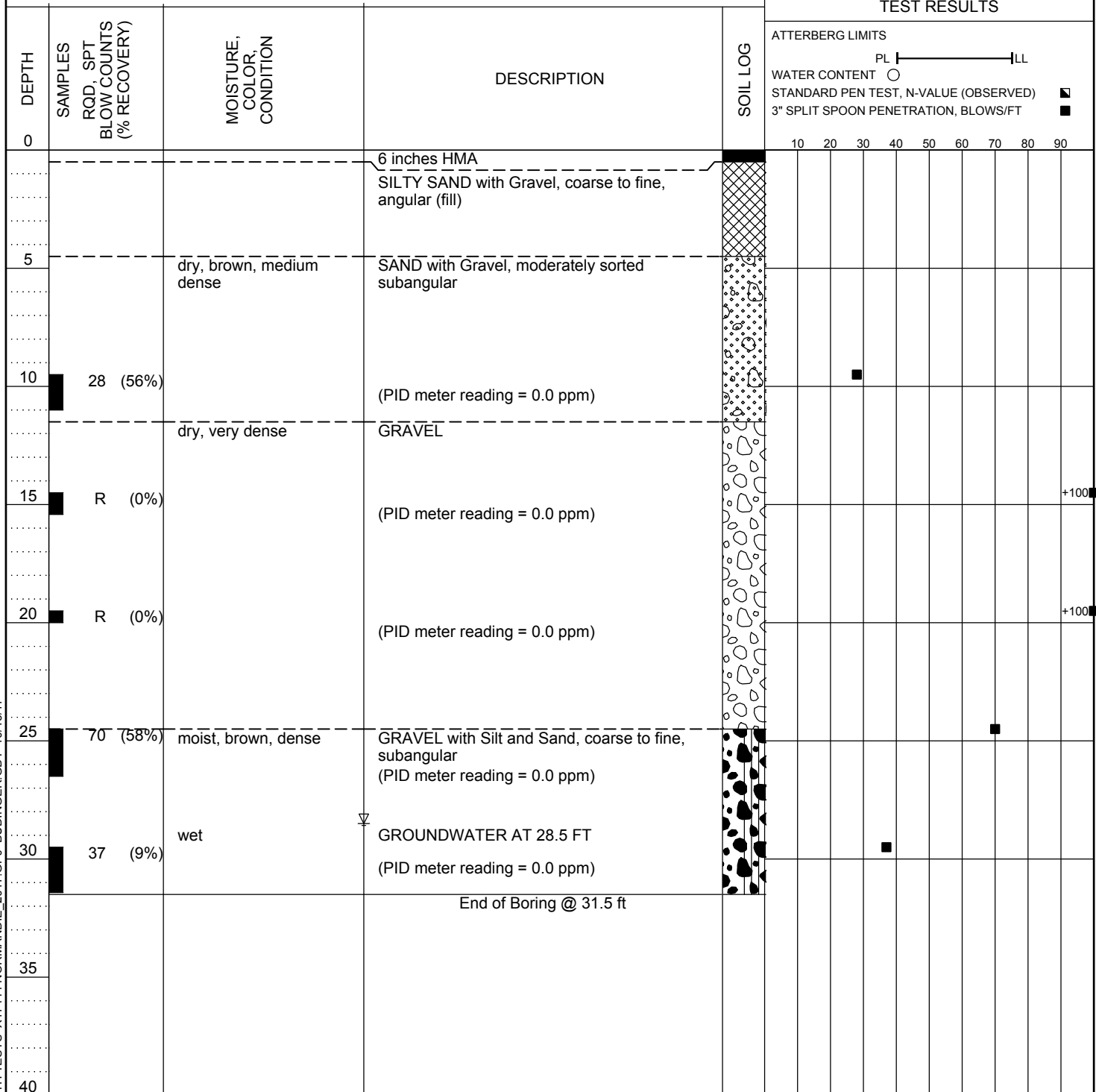
## TEST BORING 2

**Date of Boring:** 8-30-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** adjacent to fueling shed  
**Surface:** bare

**Elevation:** 1892 ft  
**Logged by:** Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
WATER CONTENT ○	
STANDARD PEN TEST, N-VALUE (OBSERVED) ▣	
3" SPLIT SPOON PENETRATION, BLOWS/FT ■	



LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 3

**Date of Boring:** 8-31-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** northwest corner by storm drain  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
WATER CONTENT ○	
STANDARD PEN TEST, N-VALUE (OBSERVED) ■	
3" SPLIT SPOON PENETRATION, BLOWS/FT ■	

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			6 inches HMA																	
		brown, gray	SILTY SAND with Gravel, coarse to fine, angular (fill)																	
5	73 (52%)	dry, brownish gray, very dense	GRAVEL with Sand and silt, angular to subangular (PID meter reading = 0.0 ppm)																	
10	R (67%)																			+100
			End of Boring @ 11.5 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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**BORING LOGS** **FIGURE 4-**

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 4

**Date of Boring:** 8-31-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** north central portion, west of removed cess pool  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			6 inches HMA																	
		moist, dark brown	SILTY Gravel with Clay, coarse to fine, angular to subangular (fill)																	
5	11 (46%)		(PID meter reading = 0.0 ppm)																	
		moist, brownish black, loose	GRAVEL with Sand and Silt, coarse to fine																	
10	31 (67%)		(PID meter reading = 0.0 ppm)																	
			End of Boring @ 11.5 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

### BORING LOGS FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17

## TEST BORING 5

**Date of Boring:** 8-31-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** north central portion, nearer removed cess pool  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			6 inches HMA																	
5	11 (78%)	moist, dark brown, loose	SILTY Gravel with clay, coarse to fine, angular to subangular (fill)  (PID meter reading = 0.0 ppm)		■															
10	R (55%)	dry, brown, dense	GRAVEL with Sand, coarse to fine, subangular  (PID meter reading = 0.0 ppm)		■															+100
15			End of Boring @ 11.5 ft																	
20																				
25																				
30																				
35																				
40																				

### BORING LOGS FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

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LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17

## TEST BORING 6

**Date of Boring:** 8-31-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** north central portion, south of removed cess pool  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0			6 inches HMA		
		wet, brown	SILTY SAND with Gravel, coarse to fine, angular (fill)		
5	59 (17%)		(PID meter reading = 0.0 ppm)		60
		dry, brown, very dense	GRAVEL with Sand, subangular to angular (PID meter reading = 0.0 ppm)		
10	R (50%)				+100
			End of Boring @ 12 ft		
15					
20					
25					
30					
35					
40					

### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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## TEST BORING 7

**Date of Boring:** 8-31-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** central parking lot between street equipment storage and shed  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
					ATTERBERG LIMITS PL ———— LL WATER CONTENT ○ STANDARD PEN TEST, N-VALUE (OBSERVED) ■ 3" SPLIT SPOON PENETRATION, BLOWS/FT ■															
0			6 inches HMA																	
		dry, medium dense	SILTY SAND with Gravel and brick fragments, coarse to fine, angular (fill)																	
5	28 (46%)		(PID meter reading = 0.0 ppm)																	
		dry, very dense	CUTTINGS																	
10	R (0%)																			+100
	R (0%)																			+100
	R (50%)		(PID meter reading = 0.0 ppm)																	+100
15			End of Boring @ 14 ft																	
20																				
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 8

**Date of Boring:** 8-31-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** northwest corner  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
○	○
■	■

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0			6 in HMA		
			SILTY SAND with Gravel, coarse to fine, angular (fill) (PID meter reading = 0.0 ppm)		
5	48 (50%)				50
		dry, tan, brown, dense	GRAVEL with Sand and silt		
10	57 (25%)	dry, tan, brown, very dense	GRAVEL with Cobbles and Sand, coarse (PID meter reading = 0.0 ppm)		60
		dry, brown, dense	GRAVEL with Sand and Silt, coarse to fine, subangular		
15	R (67%)				+100
20	80 (50%)	wet	Post Perc Test		80
25	46 (50%)				50
			End of Boring @ 26.5 ft		
30					
35					
40					

### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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## TEST BORING 9

**Date of Boring:** 9-5-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** southeast corner  
**Surface:** bare

**Elevation:** 1896 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

**ATTERBERG LIMITS**  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0			6 inches HMA SILTY SAND with Clay (fill)	[Cross-hatched pattern]	
5	46 (50%)	dry, dark brown		[Cross-hatched pattern]	■
10	R (58%)	dry, brown, medium dense	GRAVEL with Cobbles, Sand and Silt, coarse to fine (PID meter reading = 0.0 ppm)	[Gravel pattern]	+100 ■
15	50 (58%)	dry, loose to medium dense	GRAVEL with Sand and Silt, coarse to fine (PID meter reading = 0.0 ppm)	[Gravel pattern]	○ ■
20	R (0%)	dry, dense	GRAVEL with Sand and Cobbles, coarse	[Gravel pattern]	+100 ■
25	21 (54%)	moist		[Gravel pattern]	○ ■
30			no recovery, jamming in casing shoe End of Boring @ 29 ft		
35					
40					

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 10

**Date of Boring:** 9-5-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** northeast corner  
**Surface:** bare

**Elevation:** 1906 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
WATER CONTENT ○	
STANDARD PEN TEST, N-VALUE (OBSERVED) ■	
3" SPLIT SPOON PENETRATION, BLOWS/FT ■	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			6 in HMA	[Cross-hatched pattern]																
5	17 (0%)	dry, dark brown	SILTY SAND with Gravel, coarse to fine, angular (fill)  (PID meter reading = 0.0 ppm)	[Cross-hatched pattern]																
10	43 (50%)	dry, brown, loose	SAND with Gravel, coarse to fine, subangular  (PID meter reading = 0.0 ppm)	[Dotted pattern]	○															
15	R (0%)	dry, very dense	GRAVEL with Sand with rock fragments, coarse to fine	[Large dots pattern]																+100 ■
20	R (55%)		(PID meter reading = 0.0 ppm)	[Large dots pattern]	○															+100 ■
25	R (0%)	dry, light brown, very dense	GRAVEL	[Large dots pattern]																+100 ■
30	R (0%)		End of Boring @ 29.75 ft	[Large dots pattern]																+100 ■
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444





## TEST BORING 11

**Date of Boring:** 9-6-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** behind active gas station  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
WATER CONTENT ○	
STANDARD PEN TEST, N-VALUE (OBSERVED) ▽	
3" SPLIT SPOON PENETRATION, BLOWS/FT ■	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0					10 20 30 40 50 60 70 80 90
5		slightly moist, brown, dark brown, medium dense	GRAVEL with Sand and Silt, coarse to fine, angular to subangular (fill)		
10	R (44%)	slightly moist, medium dense	(PID meter reading = 0.0 ppm) GRAVEL with Sand, angular to subangular		100
15	45 (71%)		(PID meter reading = 0.0 ppm)		■
20	71 (33%)		(PID meter reading = 0.0 ppm)		■
25	26 (50%)	moist, brown, slightly dense	GRAVEL with Silt and clay, angular to subangular (PID meter reading = 0.0 ppm)		■
30	39 (38%)	wet, dense	GRAVEL with Cobbles (PID meter reading = 0.0 ppm)		■
35			End of Boring @ 35 ft		
40					

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 12

**Date of Boring:** 9-6-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** monitor infiltration well  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ———— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0			6 inches HMA		
5	26 (46%)	dry, light brown, gray, loose	SILTY SAND with Gravel, coarse to fine, angular (fill)  (PID meter reading = 0.0 ppm)		■
10	R (0%)	dry, gray, medium dense	SAND with Gravel and Cobble, coarse to fine, angular to subangular  (PID meter reading = 0.0 ppm)		+100 ■
15	93 (42%)	moist, brown, medium dense	GRAVEL with Sand  (PID meter reading = 0.0 ppm)		■
20	18 (38%)		GROUNDWATER AT 20 FT (PID meter reading = 0.0 ppm) End of Boring @ 21 ft		■
25					
30					
35					
40					

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 13

**Date of Boring:** 9-7-17

**Driller:** Budinger & Assoc., Inc.

**Type of Drill:** Mobile B-57 with automatic SPT hammer

**Location:** central portion near street equipment storage and removed cess pool

**Surface:** bare

**Elevation:** 1889 ft

**Logged by:** Teel/ Taylor

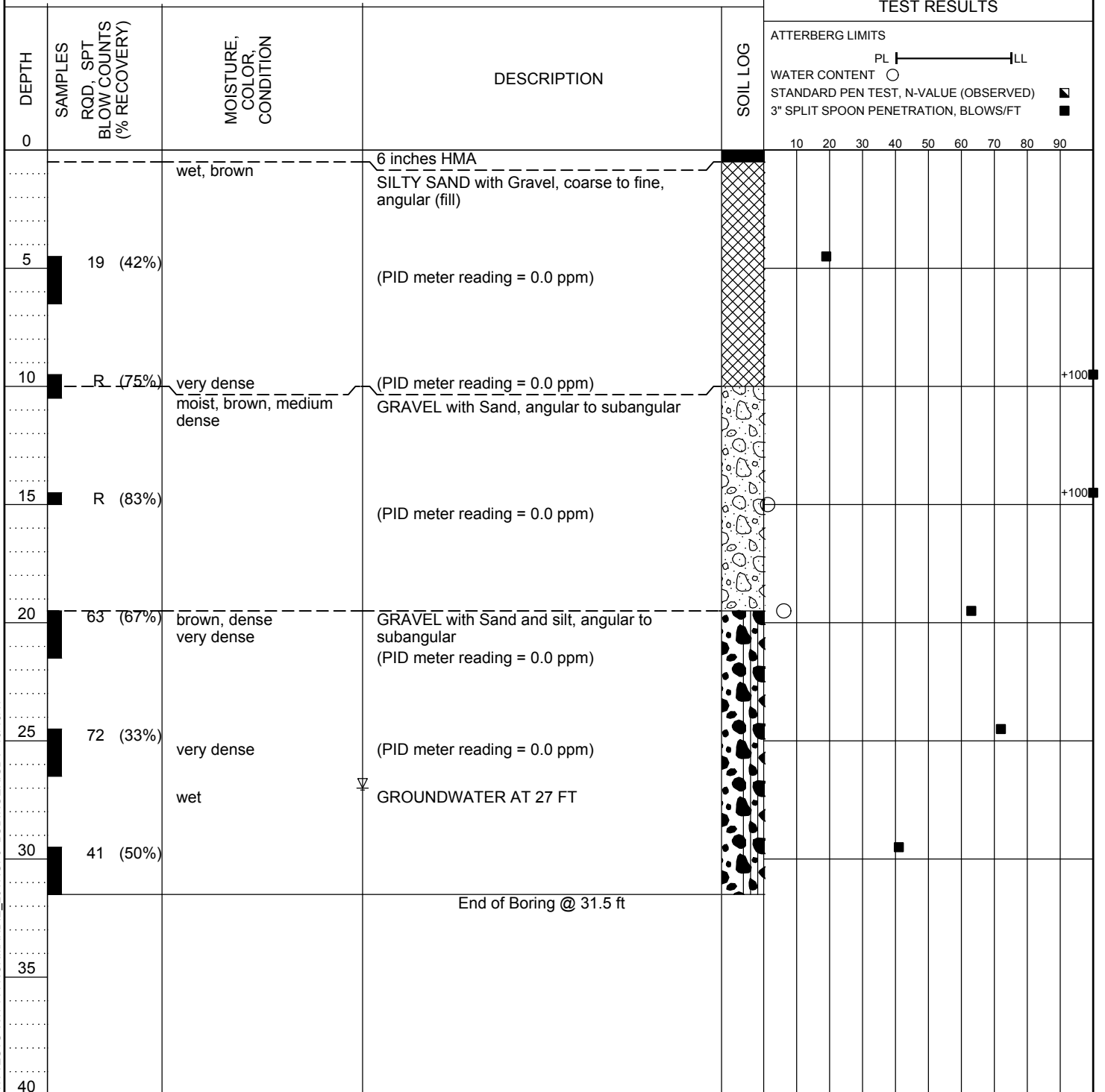
**Size of hole:** air rotary overburden

system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
WATER CONTENT ○	
STANDARD PEN TEST, N-VALUE (OBSERVED) ▴	
3" SPLIT SPOON PENETRATION, BLOWS/FT ■	

10 20 30 40 50 60 70 80 90



LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility

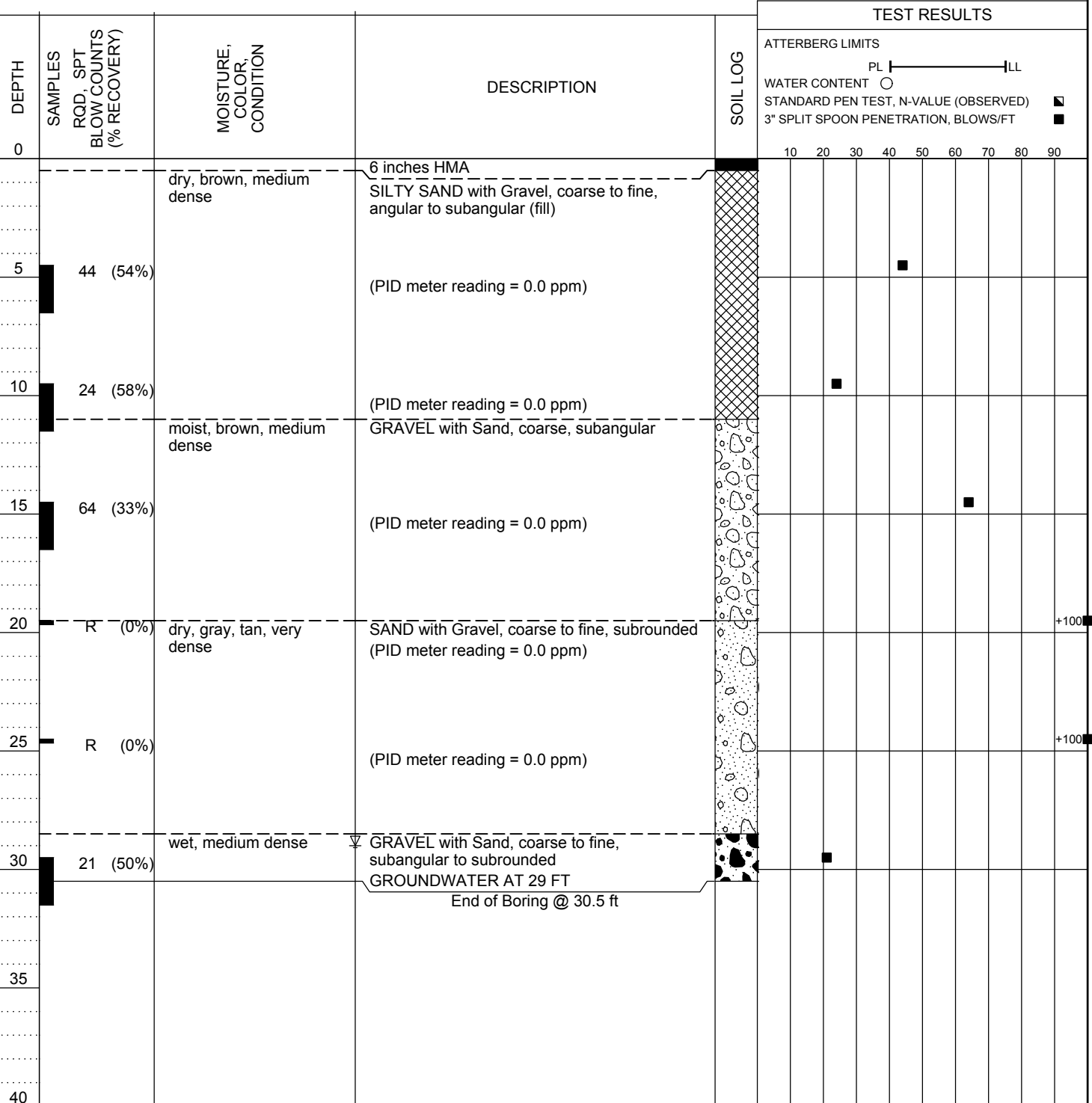
Location: Spokane, WA

Number: X17444

## TEST BORING 14

**Date of Boring:** 9-8-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** central portion near 12000 gal tank (out)  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Teel/ Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing



LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

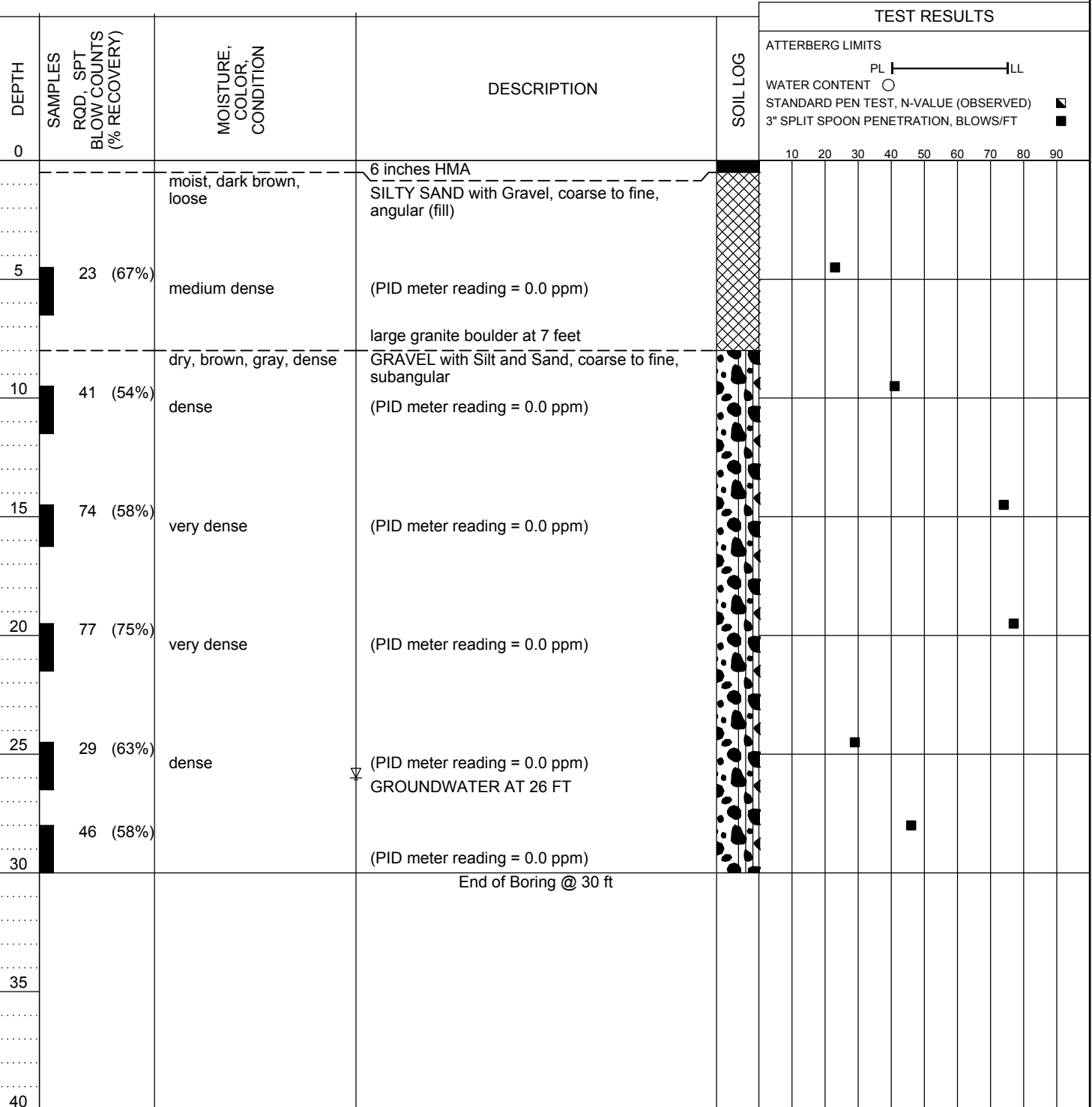
### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 15

**Date of Boring:** 9-8-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** central portion near 5000 gal tank ( in place)  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel/ Taylor  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing



LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ\_BUDINGER.GDT\_10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 16

**Date of Boring:** 9-8-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** east portion near 10000 gal tank (out)  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ———— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0			6 inches HMA		
			SILTY SAND with Gravel, coarse to fine, angular		
5	R (76%)	dry very dense	GRAVEL with Sand, coarse to fine  (PID meter reading = 0.0 ppm)		+100 ■
10	80 (46%)	very dense	(PID meter reading = 0.0 ppm)		■
15	13 (38%)	moist, medium dense	(PID meter reading = 0.0 ppm)		■
			End of Boring @ 16.5 ft		
20					
25					
30					
35					
40					

### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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## TEST BORING 17

**Date of Boring:** 9-11-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** east side of engineering building  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
○	○
■	■

10	20	30	40	50	60	70	80	90
	■							
				■				
								+100 ■
								+100 ■
			■					

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0			6 inches HMA	■
5	23 (42%)	dark brown  medium dense	SILTY SAND with Gravel, coarse to fine, angular  (PID meter reading = 0.0 ppm)	■
10	53 (54%)	dry, light brown, tan, dense	GRAVEL with Sand, coarse (PID meter reading = 0.0 ppm)	■
15	R (36%)	brown, tan, dense	SAND with Gravel (PID meter reading = 0.0 ppm)	■
20	R (100%)		(PID meter reading = 0.0 ppm)	■
25	40 (42%)	moist, medium dense  wet	GRAVEL (PID meter reading = 0.0 ppm)  GROUNDWATER AT 26.5 FT	■
30			End of Boring @ 29.5 ft	
35				
40				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 18

**Date of Boring:** 9-11-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** drain in weld shop  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS
0			Concrete	[Concrete Pattern]	
			SILTY SAND with Gravel (fill)	[Cross-hatch Pattern]	
5	72 (11%)	very dense	(PID meter reading = 0.0 ppm)	[Cross-hatch Pattern]	72
			GRAVEL with Sand, coarse, iron stained	[Gravel Pattern]	
10	R (83%)	very dense	(PID meter reading = 0.0 ppm)	[Gravel Pattern]	○
			GRAVEL with Sand and silt, coarse	[Gravel Pattern]	
15	R (63%)	very dense	(PID meter reading = 0.0 ppm)	[Gravel Pattern]	■
			End of Boring @ 16.5 ft	[Gravel Pattern]	+100
20					
25					
30					
35					
40					

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

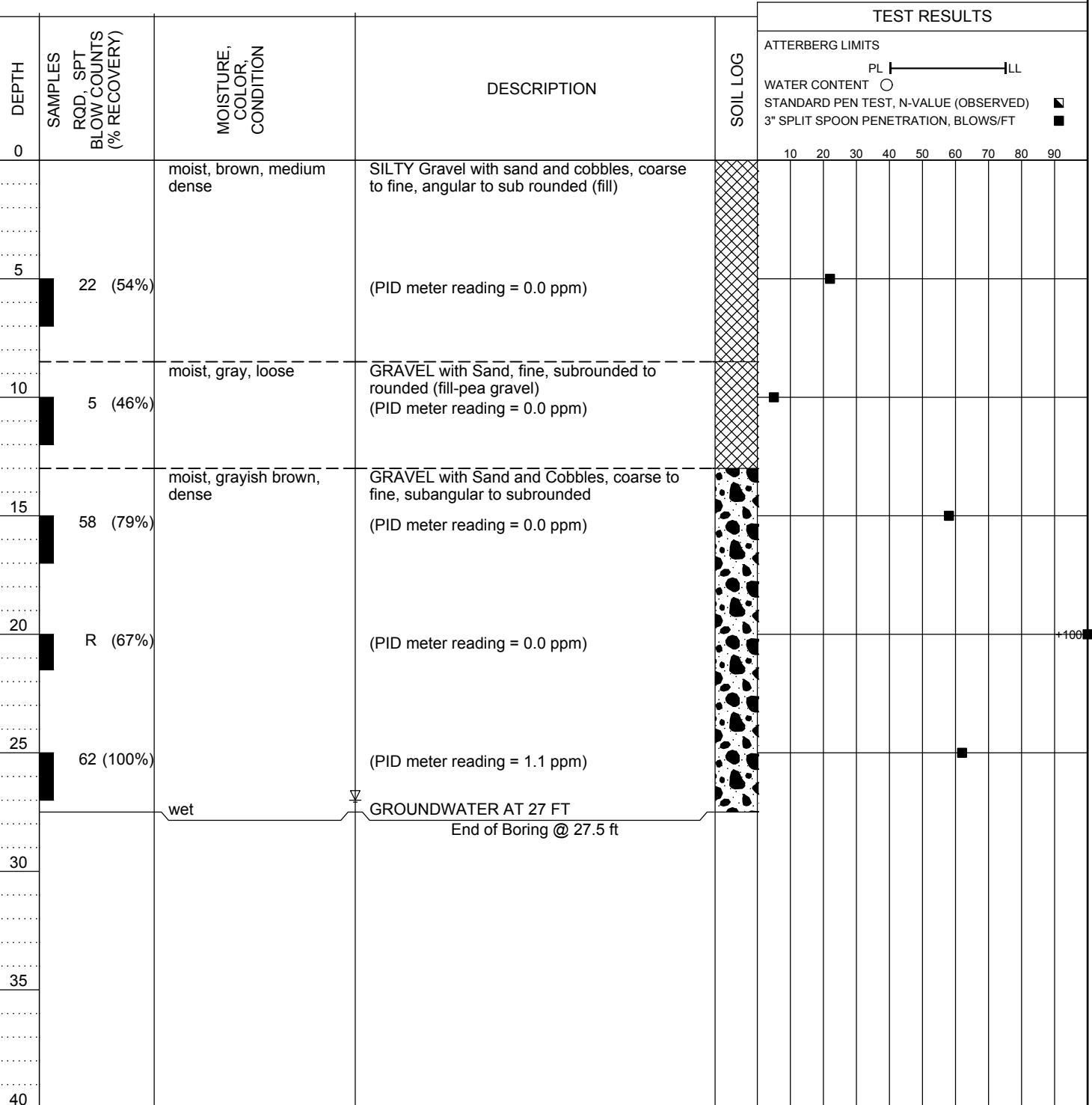
### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 19

**Date of Boring:** 9-14-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** east of pump station in swale  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing



LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 20

**Date of Boring:** 9-15-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** south Swale  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
					ATTERBERG LIMITS PL ————— LL WATER CONTENT ○ STANDARD PEN TEST, N-VALUE (OBSERVED) ■ 3" SPLIT SPOON PENETRATION, BLOWS/FT ■															
0		moist, gray	SAND (fill)																	
		moist, gray	GRAVEL, coarse, subrounded (fill-drainage rock)	[Cross-hatched pattern]																
5	5 (42%)	loose	(PID meter reading = 0.0 ppm)																	
10	22 (50%)	medium dense	(PID meter reading = 0.0 ppm)																	
		moist, grayish brown, dense	GRAVEL with Sand and Silt, coarse to fine, subangular to subrounded	[Dotted pattern]																
15	50 (67%)																			
20	44 (79%)																			
			End of Boring @ 22 ft																	
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

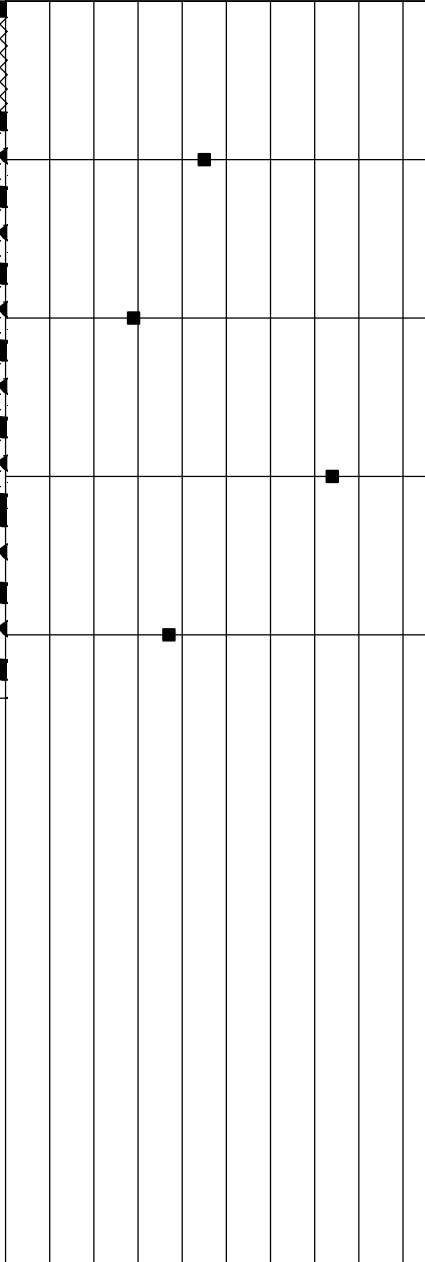
## TEST BORING 21

**Date of Boring:** 9-15-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** 280 gal tank  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
○	○
■	■



DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0			6 inches HMA	
		moist, gray, loose	GRAVEL, coarse, subangular to subrounded (fill)	
5	45 (75%)	moist, grayish brown dense	GRAVEL with Sand and occasional cobbles, coarse to fine, subrounded (PID meter reading = 0.0 ppm)	
10	29 (83%)	dense	(PID meter reading = 0.0 ppm)	
15	74 (88%)	very dense	(PID meter reading = 0.0 ppm)	
		moist, grayish brown, medium dense	GRAVEL with Silt and Sand, coarse to fine, subrounded	
20	37 (79%)			
			no free groundwater observed End of Boring @ 22 ft	
25				
30				
35				
40				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 22

**Date of Boring:** 9-15-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** north swale  
**Surface:** bare

**Elevation:** 1888 ft  
**Logged by:** Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS									
PL <span style="display: inline-block; width: 100px; border-bottom: 1px solid black;"></span> LL									
WATER CONTENT ○									
STANDARD PEN TEST, N-VALUE (OBSERVED) ■									
3" SPLIT SPOON PENETRATION, BLOWS/FT ■									
10	20	30	40	50	60	70	80	90	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0		dry, brown	SILTY SAND with Gravel and Cobbles, medium to fine, subangular to subrounded (fill)	
5	56 (71%)	dry, gray, dense	GRAVEL with Sand and occasional cobbles, coarse to fine, subangular to subrounded (PID meter reading = 0.0 ppm)	
10	75 (71%)	dry, grayish brown, very dense	GRAVEL with Silt and Sand, coarse to fine, subangular to subrounded, (PID meter reading = 0.0 ppm)	
15	R (67%)		(PID meter reading = 0.0 ppm)	
20	R (50%)		(PID meter reading = 0.0 ppm)	
25			no free groundwater observed End of Boring @ 20 ft	
30				
35				
40				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 23

**Date of Boring:** 9-20-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** vehicle shop  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			Concrete																	
		moist, grayish brown	SILTY SAND with Gravel, coarse to fine (fill)																	
5	47 (60%)	moist, light brown	SILTY SAND with gravel, coarse to fine, angular to subangular (PID meter reading = 0.0 ppm)																	
10			no free groundwater observed End of Boring @ 7.5 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 24

**Date of Boring:** 9-20-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** west side of wash bay, south of small vehicle  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			Concrete	/																
		moist, brown	SILTY SAND with Gravel, coarse to fine, angular to subangular (fill) (PID meter reading = 0.0 ppm)	/																
5	68 (54%)	moist, grayish brown, medium dense	SAND with gravel, coarse to fine, subangular to subrounded (PID meter reading = 0.0 ppm)	/																
10			no free groundwater observed End of Boring @ 7 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 25

**Date of Boring:** 9-21-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** east side of 10000 gal tank, north of fleet  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
WATER CONTENT ○	
STANDARD PEN TEST, N-VALUE (OBSERVED) ▣	
3" SPLIT SPOON PENETRATION, BLOWS/FT ■	

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			6 inches HMA																	
5		moist, dark brown	SILTY SAND with gravel, fine to medium, angular to subangular (fill)  (PID meter reading = 0.0 ppm)																	
10	23 (13%)		(PID meter reading = 0.0 ppm)																	
15	34 (66%)	moist, grayish brown	GRAVEL with Sand and silt, coarse to fine, angular to subangular  (PID meter reading = 0.0 ppm)																	
20	27 (66%)	moist, grayish brown	GRAVEL, coarse to fine, angular to subangular (PID meter reading = 0.0 ppm)																	
25		wet	GROUNDWATER AT 21 FT End of Boring @ 21 ft																	
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 26

**Date of Boring:** 9-21-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** north side of 10000 gal tank, north of fleet  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
					ATTERBERG LIMITS PL ———— LL WATER CONTENT ○ STANDARD PEN TEST, N-VALUE (OBSERVED) ■ 3" SPLIT SPOON PENETRATION, BLOWS/FT ■															
0			6 inches HMA	[Cross-hatch pattern]																
5		moist, light brown, loose to medium dense	SILTY SAND with gravel, coarse to fine, subangular (fill)  (PID meter reading = 0.0 ppm)	[Cross-hatch pattern]																
10	46 (30%)		(PID meter reading = 0.0 ppm)	[Cross-hatch pattern]																
15	41 (53%)	moist, brown, medium dense	GRAVEL with Sand, coarse to fine, subangular, iron stained  (PID meter reading = 0.0 ppm)	[Spot pattern]																
20	13	moist, grayish brown, loose  wet	GRAVEL, coarse to fine, subangular (PID meter reading = 0.0 ppm)  ▽ GROUNDWATER AT 20 FT  End of Boring @ 21 ft	[Spot pattern]																
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 27

**Date of Boring:** 9-22-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** south side of pump station  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
WATER CONTENT ○	
STANDARD PEN TEST, N-VALUE (OBSERVED) ▽	
3" SPLIT SPOON PENETRATION, BLOWS/FT ■	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
					10	20	30	40	50	60	70	80	90							
0			Concrete																	
5	87 (23%)	Dry, dark brown, very dense	Silty Sand with Gravel, coarse to fine, angular to subangular  (PID Meter Reading = 0.0 ppm)																	
10	78 (30%)		(PID Meter Reading = 0.0 ppm)																	
15	R (100%)	Dry, brown, gray, very dense	Gravel with Sand, coarse to fine, subangular to subrounded (PID Meter Reading = 0.0 ppm)																	
20	R (17%)																			
25		Wet, brown, gray, medium dense	Gravel with Silty Sand, coarse to fine, subangular (PID Meter Reading = 0.0 ppm)																	
		Wet	GROUNDWATER AT 27 FT End of Boring @ 27.5 ft																	
30																				
35																				
40																				

### BORING LOGS FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17

## TEST BORING 28

**Date of Boring:** 9-22-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Long Year  
**Location:** south side of 10000 gal tank, north of fleet  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

TEST RESULTS									
ATTERBERG LIMITS									
PL <span style="display: inline-block; width: 100px; border-bottom: 1px solid black;"></span> LL									
WATER CONTENT ○									
STANDARD PEN TEST, N-VALUE (OBSERVED) ■									
3" SPLIT SPOON PENETRATION, BLOWS/FT ■									
10	20	30	40	50	60	70	80	90	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0			Concrete	[Concrete]
		dry, brown, gray, loose	SILTY SAND with Gravel (fill)	[Silty Sand]
5			(PID Meter Reading = 0.0 ppm)	
	16 (50%)	dry, brown	GRAVEL with Sand and Cobble (PID Meter Reading = 0.0 ppm)	[Gravel]
15			(PID Meter Reading = 0.0 ppm)	
20		wet	▽ (PID Meter Reading = 0.0 ppm) GROUNDWATER AT 20.5 FT	
			End of Boring @ 21 ft	
25				
30				
35				
40				

### BORING LOGS

### FIGURE 4-

**Project:** Former Normandie Maintainace Facility  
**Location:** Spokane, WA  
**Number:** X17444



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## TEST BORING 29

**Date of Boring:** 9-25-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Long Year  
**Location:** south drywell, east of annex  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			6 inches HMA																	
		dry, dark brown, loose	Silty Sand with Gravel, coarse to fine, angular to subangular (fill)																	
5	46 (67%)	dry, brown, dense	Sand with Gravel and Cobble, coarse to fine  (PID meter reading = 0.0 ppm)																	
10	45 (80%)		(PID meter reading = 0.0 ppm)																	
			End of Boring @ 11.5 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 30

**Date of Boring:** 9-25-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Long Year  
**Location:** north drywell, east of annex  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ———— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			6 inches HMA																	
		dry, dark brown, loose	SILTY SAND with Gravel, coarse to fine, angular to subangular (fill)																	
5	36 (78%)	moist, brown, light brown, dense	SILTY SAND with Gravel and Cobble, coarse to fine, angular to subangular (fill)  (PID meter reading = 0.0 ppm)																	
10	54 (33%)	brown, gray, very dense	GRAVEL with Cobble and Sand, coarse to fine (PID meter reading = 0.0 ppm)																	
			End of Boring @ 12 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

### BORING LOGS

### FIGURE 4-30

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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## TEST BORING 31

**Date of Boring:** 9-25-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Long Year  
**Location:** north most drywell, east of annex  
**Surface:** bare

**Elevation:** 1883 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ———— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			6 inches HMA																	
		dry, dark brown, loose	SILTY SAND with Gravel and Cobbles, coarse to fine, angular to subangular (fill)																	
5	42 (73%)	dry, brown, light brown, dense	GRAVEL with Sand, coarse to fine, angular to subangular  (PID meter reading = 0.0 ppm)																	
10	81 (77%)		(PID meter reading = 0.0 ppm)																	
			End of Boring @ 12 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 32

<b>Date of Boring:</b> 9-26-17 <b>Driller:</b> Budinger & Assoc., Inc. <b>Type of Drill:</b> Long Year <b>Location:</b> small vehicle shop, near cess pool, north wall, 5' E of corner <b>Surface:</b> bare	<b>Elevation:</b> 1889 ft <b>Logged by:</b> Teel <b>Size of hole:</b> air rotary overburden system, 4.5 in O.D. casing
---	--

### TEST RESULTS

ATTERBERG LIMITS  
 PL ———— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0			6 inches HMA	
5	30 (47%)	dry, dark brown, dense	SILTY SAND with Gravel, coarse to fine, subrounded (fill) (PID meter reading = 0.0 ppm)	
10	39	dry, gray, brown, dense	GRAVEL with Sand and cobbles, coarse to fine, angular to subangular (PID meter reading = 0.0 ppm)	
15		dry, gray, brown, tan	GRAVEL with Sand and silt	
20				
25				
30				
35			End of Boring @ 25 ft	
40				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 33

**Date of Boring:** 9-26-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Long Year  
**Location:** small vehicle shop, north flood drain, south of cess pool  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			Concrete	[Concrete Pattern]																
5		dry, dark brown	SILTY SAND with Gravel, coarse to fine, angular (fill) (PID meter reading = 47.0 ppm)	[Silty Sand Pattern]																
10		dry, gray	GRAVEL with Sand, coarse to fine, angular to subangular  (PID meter reading = 6.0 ppm)	[Gravel Pattern]																
15			(PID meter reading = 0.0 ppm)	[Gravel Pattern]																
15			End of Boring @ 15 ft																	
20																				
25																				
30																				
35																				
40																				

### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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## TEST BORING 34

**Date of Boring:** 9-27-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Long Year  
**Location:** small vehicle shop, south drain  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ———— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			Concrete	[Concrete Pattern]																
5		dry, dark brown	SILTY SAND with Gravel, coarse to fine, angular to subangular (fill)	[Silty Sand Pattern]																
10		dry, gray, light brown	SAND with Gravel and Cobble, coarse to fine, angular to subangular	[Sand Pattern]																
			End of Boring @ 10 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444






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## TEST BORING 35

**Date of Boring:** 9-26-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** K-40  
**Location:** 5th bay, east corner of stables  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
					ATTERBERG LIMITS PL ———— LL WATER CONTENT ○ STANDARD PEN TEST, N-VALUE (OBSERVED) ■ 3" SPLIT SPOON PENETRATION, BLOWS/FT ■															
0			Concrete																	
		dry, dark brown	SILTY SAND with Gravel, coarse to fine, subangular (fill) (PID meter reading = 0.0 ppm)																	
5		dry, brown, light brown	GRAVEL with Sand and Silt, coarse to fine (PID meter reading = 0.0 ppm)																	
10			End of Boring @ 10 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 36

**Date of Boring:** 9-27-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** K-40  
**Location:** broomshed, north east edge of cess pool  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

TEST RESULTS									
ATTERBERG LIMITS									
PL <span style="display: inline-block; width: 100px; border-bottom: 1px solid black;"></span> LL									
WATER CONTENT ○									
STANDARD PEN TEST, N-VALUE (OBSERVED) ■									
3" SPLIT SPOON PENETRATION, BLOWS/FT ■									
10	20	30	40	50	60	70	80	90	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0			Concrete	[Concrete Pattern]
5		dry, dark brown	SILTY SAND with Gravel, coarse to fine, angular (fill) (PID meter reading = 0.0 ppm)	[Cross-hatch Pattern]
10			Brick fragments  (PID meter reading = 0.0 ppm)	[Brick Pattern]
15			GRAVEL with Cobble, Sand and Silt, coarse to fine, angular to subangular (PID meter reading = 0.0 ppm)	[Gravel Pattern]
20			End of Boring @ 15 ft	
25				
30				
35				
40				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



## TEST BORING 37

**Date of Boring:** 9-27-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Long Year  
**Location:** west of engineers building, center of tank  
**Surface:** bare

**Elevation:** 1889 ft  
**Logged by:** Teel/Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

TEST RESULTS									
ATTERBERG LIMITS									
PL <span style="display: inline-block; width: 100px; border-bottom: 1px solid black; position: relative; top: -5px;"> <span style="position: absolute; left: -10px; top: -5px;"> </span> <span style="position: absolute; right: -10px; top: -5px;"> </span> </span> LL									
WATER CONTENT <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; border-radius: 50%;"></span>									
STANDARD PEN TEST, N-VALUE (OBSERVED) <span style="display: inline-block; width: 10px; height: 10px; background-color: black;"></span>									
3" SPLIT SPOON PENETRATION, BLOWS/FT <span style="display: inline-block; width: 10px; height: 10px; background-color: black;"></span>									
10	20	30	40	50	60	70	80	90	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0				
5		dry, dark brown, gray	6 inches HMA SILTY SAND with Gravel and Cobble, coarse to fine, angular to subangular (fill)  (PID meter reading = 0.0 ppm)	
10		dry, gray, brown	GRAVEL with Sand and Cobble, coarse to fine, angular to subangular (PID meter reading = 0.0 ppm)	
15			(PID meter reading = 0.0 ppm)	
20			(PID meter reading = 0.0 ppm)	
25			(PID meter reading = 0.0 ppm)	
30		wet	∇ GROUNDWATER AT 28 FT  (PID meter reading = 0.0 ppm) End of Boring @ 30 ft	
35				
40				

### BORING LOGS

### FIGURE 4-



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Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17

## TEST BORING 38

**Date of Boring:** 9-27-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** K-40  
**Location:** inside radio shop midway between vehicle lift  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS									
PL <span style="display: inline-block; width: 100px; border-bottom: 1px solid black;"></span> LL									
WATER CONTENT ○									
STANDARD PEN TEST, N-VALUE (OBSERVED) ▣									
3" SPLIT SPOON PENETRATION, BLOWS/FT ▣									
10	20	30	40	50	60	70	80	90	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0			Concrete	[Concrete Pattern]
5		dry, dark brown	SILTY SAND with Gravel (fill) (PID meter reading = 0.0 ppm)	[Cross-hatch Pattern]
10		dry, gray, brown	SILTY SAND with Gravel and Cobble, coarse to fine, rounded to subrounded	[Soil with Gravel Pattern]
15		dry	(PID meter reading = 0.0 ppm)	[Soil with Gravel Pattern]
20		dry	(PID meter reading = 0.0 ppm)	[Soil with Gravel Pattern]
25		moist	(PID meter reading = 0.0 ppm)	[Soil with Gravel Pattern]
30		wet	▽ GROUNDWATER AT 27 FT	[Soil with Gravel Pattern]
35			End of Boring @ 29 ft	
40				

### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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## TEST BORING 39

**Date of Boring:** 9-27-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Long Year  
**Location:** north of fleet, 30'E X 17' N  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Teel  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

TEST RESULTS									
ATTERBERG LIMITS									
PL <span style="display: inline-block; width: 100px; border-bottom: 1px solid black; position: relative; top: -5px;"> <span style="position: absolute; left: -10px; top: -5px;"> </span> <span style="position: absolute; right: -10px; top: -5px;"> </span> </span> LL									
WATER CONTENT ○									
STANDARD PEN TEST, N-VALUE (OBSERVED) ■									
3" SPLIT SPOON PENETRATION, BLOWS/FT ■									
10	20	30	40	50	60	70	80	90	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0			6 inches HMA SILTY SAND with Gravel (fill)	
5		dry, dark brown		
10		dry, gray, brown	GRAVEL with Sand and Cobble, coarse to fine, angular to subangular (PID meter reading = 0.0 ppm)	
15		moist	(PID meter reading = 0.0 ppm)	
20		wet wet	▽ GROUNDWATER AT 19 FT (PID meter reading = 0.0 ppm)	
25			End of Boring @ 25 ft	
30				
35				
40				

LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 40

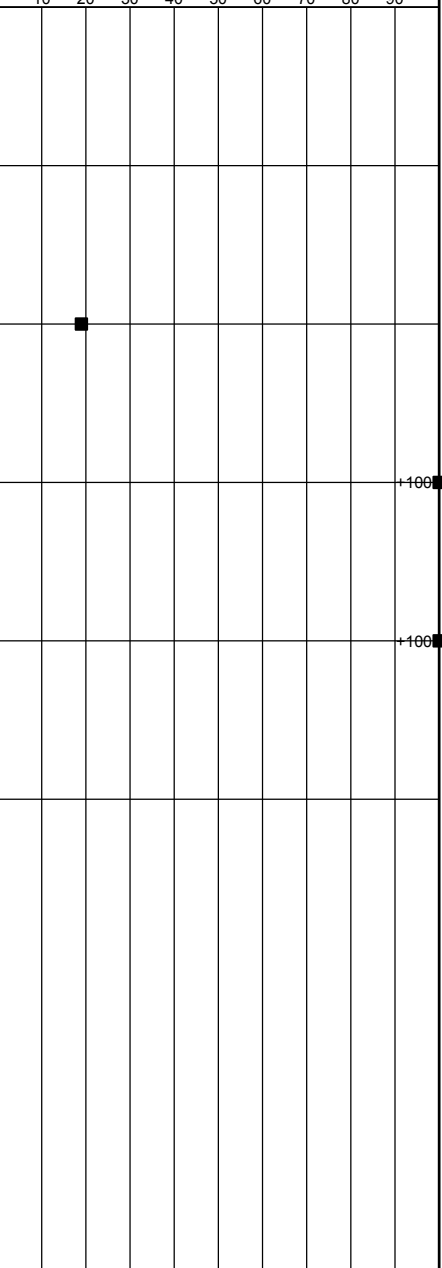
**Date of Boring:** 9-29-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** north of pump station  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS	
PL	LL
WATER CONTENT ○	
STANDARD PEN TEST, N-VALUE (OBSERVED) ▣	
3" SPLIT SPOON PENETRATION, BLOWS/FT ■	

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG
0			Concrete	
5		dry, brown, gray	SILTY SAND with Gravel, coarse to fine, subangular (fill) (PID meter reading = 0.0 ppm)	
10	19 (92%)	dry, brown, medium dense	SAND, medium coarse to fine, subangular (fill) (PID meter reading = 0.0 ppm)	
15	R (67%)	dry, gray, very dense	GRAVEL with Sand and Cobbles, coarse to fine, subangular to subrounded (PID meter reading = 0.0 ppm)	
20	R (67%)		(PID meter reading = 0.0 ppm)	
25			(PID meter reading = 0.0 ppm)	
30			GROUNDWATER AT 27 FT End of Boring @ 27.5 ft	
35				
40				



LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

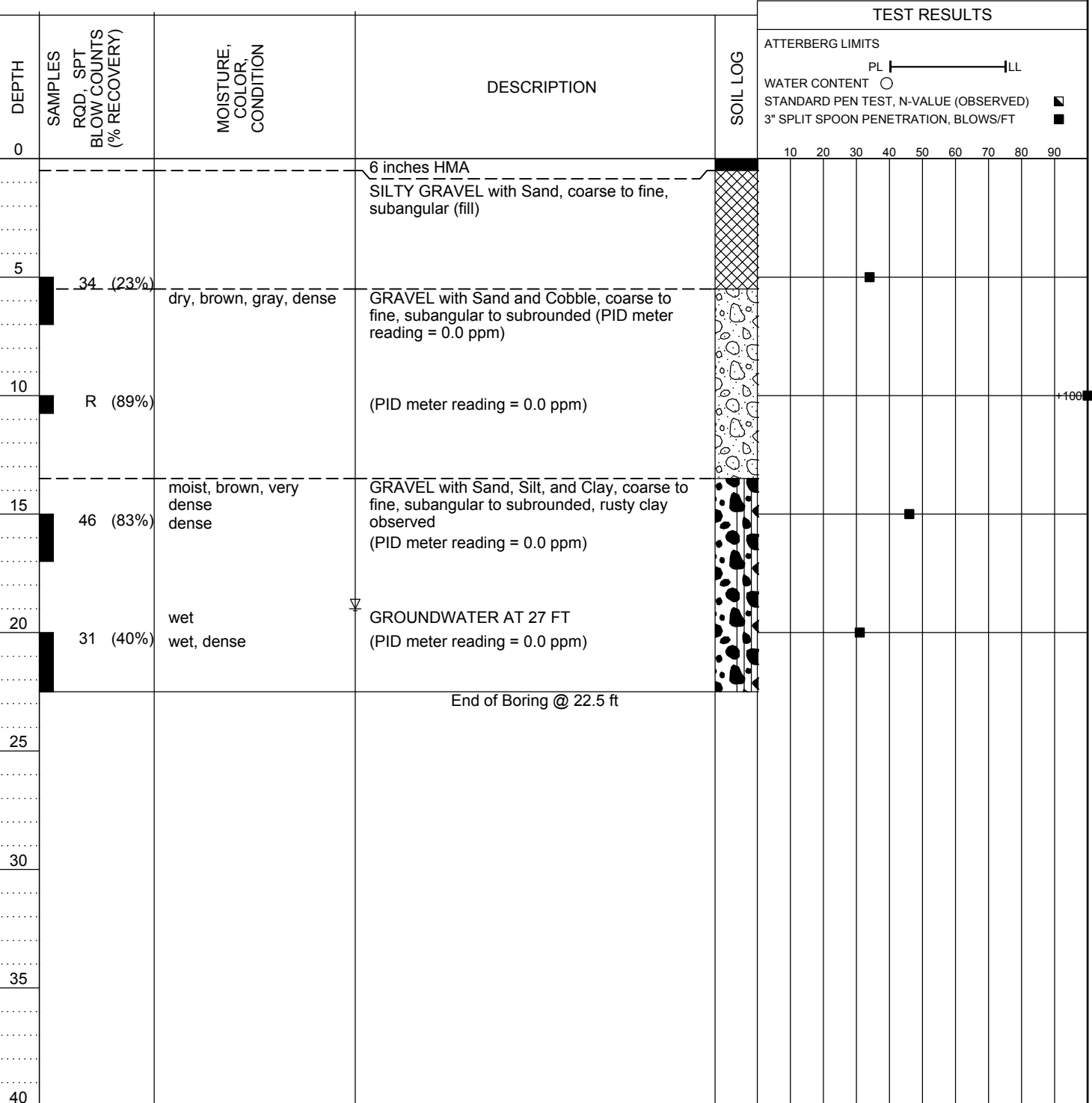
### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 41

**Date of Boring:** 9-29-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** Mobile B-57 with automatic SPT hammer  
**Location:** north east corner of administration and fleet  
**Surface:** bare

**Elevation:** 1884 ft  
**Logged by:** Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing



LOGS WITHOUT WELL WITH TESTS X17444 NORMANDIE\_2017.GPJ BUDINGER.GDT 10/13/17



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### BORING LOGS

### FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444

## TEST BORING 42

**Date of Boring:** 9-29-17  
**Driller:** Budinger & Assoc., Inc.  
**Type of Drill:** K-40  
**Location:** first bay north west end of mission sheds  
**Surface:** bare

**Elevation:** 1890 ft  
**Logged by:** Orchard  
**Size of hole:** air rotary overburden system, 4.5 in O.D. casing

### TEST RESULTS

ATTERBERG LIMITS  
 PL ————— LL  
 WATER CONTENT ○  
 STANDARD PEN TEST, N-VALUE (OBSERVED) ■  
 3" SPLIT SPOON PENETRATION, BLOWS/FT ■

10 20 30 40 50 60 70 80 90

DEPTH	SAMPLES RQD, SPT BLOW COUNTS (% RECOVERY)	MOISTURE, COLOR, CONDITION	DESCRIPTION	SOIL LOG	TEST RESULTS															
0			Concrete	[Concrete Pattern]																
		dry, brown, gray	SILTY SAND with Gravel, coarse to fine, subangular (fill) (PID meter reading = 0.0 ppm)	[Cross-hatch Pattern]																
5																				
		dry, gray	GRAVEL with Sand, coarse to fine, subangular to subrounded (PID meter reading = 0.0 ppm)	[Spot Pattern]																
10			End of Boring @ 10 ft																	
15																				
20																				
25																				
30																				
35																				
40																				

### BORING LOGS FIGURE 4-

Project: Former Normandie Maintainace Facility  
 Location: Spokane, WA  
 Number: X17444



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**Table 2 - Laboratory Analysis Summary**

<b>SAMPLE LOCATION:</b>	SW corner approx. 25' E of Calispel shed and 30' N of Sinto Ave.		3,000 gal tank site southeast of Center Shed	Outdoor surface drain - NW side of Center Shed			Outdoor surface drain - ~25' S of Mission Shed, 90' W of Engrs Bldg.		Outdoor surface drain - ~25' S of Mission Shed, 25' W of Engrs Bldg.		<b>MTCA Regulatory Limit Unrestricted / Industrial</b>	
<b>BORING ID:</b>	<b>B-1</b>	<b>B-1</b>	<b>B-2</b>	<b>B-3</b>	<b>B-3</b>	<b>B-3</b>	<b>B-4</b>	<b>B-4</b>	<b>B-5</b>	<b>B-5</b>		
<b>DEPTH:</b>	4 1/2' - 6'	9 1/2' - 11 1/2'	24 1/2' - 26 1/2'	4" - 6"	4 1/2' - 6 1/2'	9 1/2' - 11 1/2'	4 1/2' - 6 1/2'	9 1/2' - 11 1/2'	4 1/2' - 6 1/2'	9 1/2' - 11 1/2'		
<b>MATERIAL TYPE:</b>												
<b>DATE:</b>	30-Aug-17	30-Aug-17	30-Aug-17	12-Sep-17	30-Aug-17	30-Aug-17	31-Aug-17	31-Aug-17	31-Aug-17	31-Aug-17		
<b>HEAVY METALS</b>												
Arsenic		15.1		7.77		5.49		3.89		5.69	20	20
Barium		65.0		113		85.9		45.8		43.1		
Cadmium		<0.511		2.41		<0.498		<0.506		<0.521	2	2
Chromium		10.9		23.2		11.8		10.0		9.16	19	19
Lead		9.40		112		6.36		7.54		6.36	250	1,000
Mercury-ICPMS		<0.0511		0.134		<0.0498		<0.0506		<0.0521	2	2
Selenium		<0.511		<0.629		<0.498		<0.506		<0.521		
Silver		<0.511		<0.629		<0.498		<0.506		<0.521		
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline	<25	<25	<25		<25	<25	<25	<25	<25	<25	30/100	30/100
Diesel	<50	<50	<50	<125	<50	<50	<50	<50	<50	<50	2,000	2,000
Lube Oil	<100	<100	<100	1,860	<100	<100	<100	<100	<100	<100	2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>				ND								
Acetone												
Hexachlorobutadiene												
1,2,4 Trimethylbenzene												
Ethylbenzene											6	
Isopropylbenzene												
Methylene chloride											0.002	
m + p-Xylene												
Napthalene											5	
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-isopropyltoluene												
sec-Butylbenzene												

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

**Table 2 - Laboratory Analysis Summary**

SAMPLE LOCATION:	Outdoor surface drain - ~75' S of Mission Shed, 30' W of Engrs Bldg.		Outdoor surface drain - ~15' N and 25' W of Broom Shed in driveway opening		NW corner, dry well, 15' W of Mission Shed, 15' S of Maint shed.		SE corner of property E of Fleet Bldg.		NE corner of property, W of Bridge Bldg.			
	B-6	B-6	B-7	B-7	B-8	B-8	B-9	B-9	B-10	MTCA Regulatory Limit Unrestricted / Industrial		
DEPTH:	4 1/2' - 6'	10' - 12'	4 1/2' - 6 1/2'	13' - 14'	4 1/2' - 6 1/2'	9 1/2' - 11 1/2'	4' - 6'	9' - 10'	4 1/2' - 6 1/2'			
MATERIAL TYPE:												
DATE:	31-Aug-17	31-Aug-17	31-Aug-17	31-Aug-17	1-Sep-17	1-Sep-17	1-Sep-17	5-Sep-17	5-Sep-17			
<b>HEAVY METALS</b>												
Arsenic		3.54		3.54			8.14	5.05	8.98		20	20
Barium		91.3		91.3			92.3	50.4	88.7			
Cadmium		<0.495		<0.495			<0.992	<0.936	<0.95		2	2
Chromium		10.3		10.3			16.5	12.9	16.5		19	19
Lead		5.72		5.72			10.1	8.21	11.1		250	1,000
Mercury-ICPMS		<0.0495		<0.0495			<0.0992	<0.0936	<0.095		2	2
Selenium		<0.495		<0.495			<0.992	<0.936	<0.95			
Silver		<0.495		<0.495			<0.992	<0.936	<0.95			
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline	<25	<25	<25	<25	<25	<25	<25	<25	<25		30/100	30/100
Diesel	<50	<50	<50	<50	<50	<50	<50	<50	<50		2,000	2,000
Lube Oil	<100	<100	<100	<100	<100	<100	<100	<100	1,320		2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>												
Acetone												
Hexachlorobutadiene												
1,2,4 Trimethylbenzene												
Ethylbenzene											6	
Isopropylbenzene												
Methylene chloride											0.002	
m + p-Xylene												
Napthalene											5	
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-isopropyltoluene												
sec-Butylbenzene												

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

**Table 2 - Laboratory Analysis Summary**

SAMPLE LOCATION:	NE corner of property, W of Bridge Bldg.	E side of pump islands near Fleet Bldg.				North of Fleet in low intersection			8' W of Broom Shed, 12' N of Sm Veh Shop near Cesspool Water / Vapor Test well		MTCA Regulatory Limit Unrestricted / Industrial	
		Water / Vapor Test well				Water / Vapor Test well						
BORING ID:	B-10	B-11	B-11	B-11	B-11	B-12	B-12	B-12	B-13			
DEPTH:	9 1/2' - 11 1/2'	10' - 12'	15' - 17'	20' - 22'	30 - 32'	4' - 6'	14' - 16'	19' - 21'	4 1/2' - 6 1/2'			
MATERIAL TYPE:												
DATE:	5-Sep-17	6-Sep-17	6-Sep-17	6-Sep-17	6-Sep-17	6-Sep-17	6-Sep-17	6-Sep-17	7-Sep-17			
<b>HEAVY METALS</b>												
Arsenic	6.68					9.47	5.95	6.32	3.71		20	20
Barium	62.8					59.1	38.0	85.0	63.4			
Cadmium	<1.04					<0.93	<0.992	<1.04	<0.816		2	2
Chromium	13.7					10.6	10.0	10.8	34.7		19	19
Lead	7.48	6.97	8.64	16.0	8.47	14.0	6.72	9.33	<0.816		250	1,000
Mercury-ICPMS	<0.104					<0.093	<0.0992	<0.104	<0.0816		2	2
Selenium	<1.04					<0.93	<0.992	<1.04	<0.816			
Silver	<1.04					<0.93	<0.992	<1.04	<0.816			
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25		30/100	30/100
Diesel	<50	<25	<25	<25	<25	34	<25	<25	<50		2,000	2,000
Lube Oil	<100	<100	<100	<100	<100	188	<100	234	<100		2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>												
Acetone		ND	ND	ND	ND		ND	ND				
Hexachlorobutadiene						0.0123						
1,2,4 Trimethylbenzene											6	
Ethylbenzene												
Isopropylbenzene												
Methylene chloride											0.002	
m + p-Xylene												
Napthalene											5	
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-isopropyltoluene												
sec-Butylbenzene												

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

**Table 2 - Laboratory Analysis Summary**

SAMPLE LOCATION:	8' W of Broom Shed, 12' N of Sm Veh Shop near Cesspool					N. end of 12k tank, E of Center Shed, west side			Poss tank, E side of Broom shed, W of Normandie St.			
	Water / Vapor Test well											
BORING ID:	B-13	B-13	B-13	B-13	B-13	B-14	B-14	B-14	B-15		MTCA Regulatory Limit	
DEPTH:	9 1/2' - 11 1/2'	14 1/2' - 15'	19 1/2' - 21 1/2'	24 1/2' - 26 1/2'	29 1/2' - 31 1/2'	9 1/2' - 11 1/2'	14 1/2' - 16 1/2'	28 1/2' - 30 1/2'	9 1/2' - 11 1/2'		Unrestricted /	Industrial
MATERIAL TYPE:												
DATE:	7-Sep-17	7-Sep-17	7-Sep-17	7-Sep-17	7-Sep-17	8-Sep-17	8-Sep-17	8-Sep-17	8-Sep-17			
<b>HEAVY METALS</b>												
Arsenic	8.79	7.94						11.8			20	20
Barium	53.9	66.3						63.9				
Cadmium	<0.862	<0.842						<1.06			2	2
Chromium	9.96	12.1						9.54			19	19
Lead	6.71	7.42						8.07			250	1,000
Mercury-ICPMS	<0.0862	<0.0842						<0.106			2	2
Selenium	<0.862	<0.842						<1.06				
Silver	<0.862	<0.842						<1.06				
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline	<25	<25	<25	<25	<25		<2.5				30/100	30/100
Diesel	<50	<50	<50	<50	<50	<25	<25	<50	<25		2,000	2,000
Lube Oil	<100	<100	<100	<100	<100	<100	<100	<100	<100		2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>												
Acetone							ND					
Hexachlorobutadiene												
1,2,4 Trimethylbenzene											6	
Ethylbenzene												
Isopropylbenzene												
Methylene chloride											0.002	
m + p-Xylene												
Napthalene											5	
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-isopropyltoluene												
sec-Butylbenzene												

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

Table 2 - Laboratory Analysis Summary

SAMPLE LOCATION:	Poss tank, E side of Broom shed, W of Normandie St.		Dry well N side of Fleet in drive, E of 10k tank ~ 40'		E side of Engr. Bldg, W of Normandie, N side of tank			W. side of Radio shop (Weld shop) near drain				
BORING ID:	B-15	B-15	B-16	B-16	B-17	B-17	B-17	B-18	B-18	B-18	MTCA Regulatory Limit Unrestricted / Industrial	
DEPTH:	14 1/2' - 16 1/4'	28' - 30'	9 1/2' - 11 1/2"	14 1/2' - 16 1/2'	9 1/2' - 11 1/2'	14 1/2' - 16'	24 1/2' - 26 1/2'	4 1/2' - 6 1/2'	9 1/2' - 11.5'	14 1/2' - 16 1/2'		
MATERIAL TYPE:												
DATE:	8-Sep-17	8-Sep-17	8-Sep-17	8-Sep-17	11-Sep-17	11-Sep-17	11-Sep-17	11-Sep-17	11-Sep-17	11-Sep-17		
<b>HEAVY METALS</b>												
Arsenic			6.28	7.80				5.84			20	20
Barium			87.3	63.3				32.1				
Cadmium			<1	<0.97				<0.46			2	2
Chromium			12.0	13.6				10.1			19	19
Lead			9.54	13.1				6.93			250	1,000
Mercury-ICPMS			<0.1	<0.097				<0.046			2	2
Selenium			<1	<0.97				<0.46				
Silver			<1	<0.97				<0.46				
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline			<2.5	<2.5				<25	<25	<25	30/100	30/100
Diesel	<25	<25	<25	<25	<25	<25	<125	<50	<50	<50	2,000	2,000
Lube Oil	<100	<100	<100	<100	<100	<100	1,700	400	<100	<100	2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>												
Acetone			ND	ND	ND							
Hexachlorobutadiene												
1,2,4 Trimethylbenzene												
Ethylbenzene											6	
Isopropylbenzene												
Methylene chloride											0.002	
m + p-Xylene												
Napthalene											5	
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-isopropyltoluene												
sec-Butylbenzene												

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

**Table 2 - Laboratory Analysis Summary**

SAMPLE LOCATION:	Grassy swale, W side of pump island near flag pole				Grassy swale, E side Sm Veh Repair Shop, W of Normandie				W of Radio Shop, near 280 gal tank		MTCA Regulatory Limit Unrestricted / Industrial	
	B-19	B-19	B-19	B-19	B-20	B-20	B-20	B-20	B-21	B-21		
DEPTH:	4" - 6"	10' - 12'	20' - 21 1/2'	25' - 27'	4" - 6"	10' - 12'	15' - 17'	20' - 22'	10' - 12'	15' - 17'		
MATERIAL TYPE:												
DATE:	12-Sep-17	14-Sep-17	14-Sep-17	14-Sep-17	12-Sep-17	15-Sep-17	15-Sep-17	15-Sep-17	15-Sep-17	15-Sep-17		
<b>HEAVY METALS</b>												
Arsenic	12.0	7.60		11.5	12.1	5.21	5.65	8.71			20	20
Barium	69.5	25.0		48.8	82.8	41.9	35.2	37.0				
Cadmium	<0.522	<0.475		<1	<0.435	<0.42	<0.527	<0.53			2	2
Chromium	12.3	5.61		14	16.9	10.1	8.82	8.23			19	19
Lead	25.9	5.02		9.3	30.8	7.38	7.59	11.5			250	1,000
Mercury-ICPMS	<0.0522	<0.0475		<0.01	<0.0435	<0.042	<0.0527	<0.053			2	2
Selenium	<0.522	<0.475		<1	<0.435	<0.42	<0.527	<0.53				
Silver	<0.522	<0.475		<1	<0.435	<0.42	<0.527	<0.53				
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline		<2.5	<2.5	<2.5		<25	<25	<25	<25	<25	30/100	30/100
Diesel	<25	<25	<25	745	<25	<50	<50	<50	<50	<50	2,000	2,000
Lube Oil	372	<100	<100	<100	431	<100	<100	<100	<100	<100	2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>												
Acetone				0.0739	ND							
Hexachlorobutadiene												
1,2,4 Trimethylbenzene												
Ethylbenzene											6	
Isopropylbenzene												
Methylene chloride											0.002	
m + p-Xylene												
Napthalene	35.2										5	
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-isopropyltoluene												
sec-Butylbenzene												

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

**Table 2 - Laboratory Analysis Summary**

SAMPLE LOCATION:	Grassy swale, W side of welding shop near Mission	Grassy swale, W side of welding shop near Mission		N. floor drain, Wash Bay, W Side	S. floor drain, Wash Bay, W Side	N of Fleet, E side presumed tank location		N of Fleet, N side presumed tank location		S. end of pump island near Sinto Ave.	MTCA Regulatory Limit	
	B-22	B-22	B-22	B-23	B-24	B-25	B-25	B-26	B-26	B-27	Unrestricted /	Industrial
DEPTH:	4' - 6'	9' - 11'	4" - 6"	5' - 7 1/2'	5' - 7'	13 1/2' - 16'	18 1/2' - 21'	13 1/2' - 16'	18 1/2' - 21'	15' - 16'		
MATERIAL TYPE:												
DATE:	15-Sep-17	15-Sep-17	12-Sep-17	20-Sep-17	20-Sep-17	21-Sep-17	21-Sep-17	21-Sep-17	21-Sep-17	22-Sep-17		
<b>HEAVY METALS</b>												
Arsenic	5.45	7.79	15.9	2.25	6.71	6.81	4.08	11.5	5.79		20	20
Barium	66.1	77.1	65.9	37.3	44.3	34.9	48.5	56.2	60.2			
Cadmium	<0.445	<0.471	<0.461	<0.498	<0.512	<0.49	<0.462	<0.49	<0.467		2	2
Chromium	9.83	26.4	12.4	7.12	19.4	9.11	3.12	10.7	78.0		19	19
Lead	7.29	7.5	13	5.43	9.88	8.28	4.23	7.81	7.33	4.71	250	1,000
Mercury-ICPMS	<0.0445	<0.0471	<0.0461	<0.0498	<0.0512	<0.049	<0.0462	<0.049	<0.0467		2	2
Selenium	<0.445	<0.471	<0.461	<0.498	<0.512	<0.49	<0.462	<0.49	<0.467			
Silver	<0.445	<0.471	<0.461	<0.498	<0.512	<0.49	<0.462	<0.49	<0.467			
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline	<25	<25		<25	<25	<25	<25	<25	<25	<2.5	30/100	30/100
Diesel	<50	<50	<25	<50	<50	<50	<50	<50	<50	<25	2,000	2,000
Lube Oil	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>												
Acetone			ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobutadiene												
1,2,4 Trimethylbenzene												
Ethylbenzene											6	
Isopropylbenzene												
Methylene chloride											0.002	
m + p-Xylene												
Napthalene											5	
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-isopropyltoluene												
sec-Butylbenzene												

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

Table 2 - Laboratory Analysis Summary

SAMPLE LOCATION:	S. end or pump island near Sinto Ave.	N of Fleet, S side presumed tank loc		S-most dry well, E of Annex garage		N-most dry well E of Annex garage	Dry well E of City Shops near personnel door	Inside N end Sm Veh Shop, near cess pool	Inside Small vehicle shop, N floor drain		MTCA Regulatory Limit	
	B-27	B-28	B-28	B-29	B-29	B-30	B-31	B-32	B-33	B-33	Unrestricted /	Industrial
DEPTH:	25' - 27 1/2'	13 1/2' - 16'	18 1/2' - 21'	9' - 11 1/2'	DRYWELL	4' - 6 1/2'	4' - 6 1/2'	10' - 11 1/2'	0' - 5'	5' - 10'		
MATERIAL TYPE:												
DATE:	22-Sep-17	22-Sep-17	22-Sep-17	25-Sep-17	25-Sep-17	25-Sep-17	25-Sep-17	26-Sep-17	26-Sep-17	26-Sep-17		
<b>HEAVY METALS</b>												
Arsenic		7.65	3.82	4.90	12.4	6.96	11.8				20	20
Barium		62.4	33.4	44.8	90.9	46.6	41.3					
Cadmium		<0.503	<0.576	<0.964	<1.14	<0.954	<0.451				2	2
Chromium		11.1	4.78	11.1	22.9	9.31	10.2				19	19
Lead	7.78	9.20	10.90	7.21	102	13.7	12.1				250	1,000
Mercury-ICPMS		<0.0503	<0.0576	<0.0964	<0.114	<0.0954	<0.0451				2	2
Selenium		<0.503	<0.576	<0.964	<1.14	<0.954	<0.451					
Silver		<0.503	<0.576	<0.964	<1.14	<0.954	<0.451					
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline	<2.5	<25	<25	<25	<25	<25	<25	<25	<25	<25	30/100	30/100
Diesel	<25	<50	<50	<50	2,060	<50	<50	<50	<50	421	2,000	2,000
Lube Oil	<100	<100	809	<100	2,790	<100	<100	<100	643	1,400	2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>												
Acetone		ND	ND									
Hexachlorobutadiene												
1,2,4 Trimethylbenzene								1.74				
Ethylbenzene								0.032			6	
Isopropylbenzene								0.0756				
Methylene chloride					0.359						0.002	
m + p-Xylene								0.163				
Napthalene								1.24			5	
n-Butylbenzene								0.420				
n-Propylbenzene								0.238				
o-Xylene								0.136				
p-isopropyltoluene								0.290				
sec-Butylbenzene								0.368				

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

**Table 2 - Laboratory Analysis Summary**

SAMPLE LOCATION:		Broomshed, north east edge of cesspool				W of Engrs Bldg, center of tank patch			Inside radio shop, midpoint between hoist cylinders			
BORING ID:		B-35	B-36	B-36	B-36	B-37	B-37	B-37	B-38	B-38	MTCA Regulatory Limit	
DEPTH:		0' - 5'	4" - 6"	5' - 9'	10' - 15'	10' - 15'	15' - 20'	25' - 30'	15' - 20'	27' - 29'	Unrestricted /	Industrial
MATERIAL TYPE:												
DATE:		26-Sep-17	12-Sep-17	27-Sep-17	27-Sep-17	27-Sep-17	27-Sep-17	27-Sep-17	27-Sep-17	27-Sep-17		
<b>HEAVY METALS</b>												
Arsenic			5.22	6.55	8.98						20	20
Barium			84.4	120	65.8							
Cadmium			0.685	<1.08	<1						2	2
Chromium			15.1	11.7	14.9						19	19
Lead			46.7	9.50	16.0						250	1,000
Mercury-ICPMS			<0.0518	<0.108	<0.1						2	2
Selenium			<0.518	<1.08	<1							
Silver			<0.518	<1.08	<1							
<b>PETROLEUM HYDROCARBONS</b>												
Gasoline		<25		<25	<25						30/100	30/100
Diesel		<50	<125	<50	<50	<25	<25	<25	<25	<25	2,000	2,000
Lube Oil		<100	962	1,650	583	419	144	615	159	<100	2,000	2,000
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>												
Acetone			ND									
Hexachlorobutadiene												
1,2,4 Trimethylbenzene												
Ethylbenzene											6	
Isopropylbenzene												
Methylene chloride											0.002	
m + p-Xylene												
Napthalene											5	
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-isopropyltoluene												
sec-Butylbenzene												

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

Table 2 - Laboratory Analysis Summary

SAMPLE LOCATION:	30'E of Admin & 17' North of Fleet Bldg.		North side of pump islands			10' x 10' from NE corner of Admin & Fleet Bldgs			2nd bay west in garage, W end of Mission sheds			MTCA Regulatory Limit	
	B-39	B-39	B-40	B-40	B-40	B-41	B-41	B-41	B-42	B-42	Unrestricted /	Industrial	
DEPTH:	15' - 20'	20' - 25'	10' - 12'	15' - 16 1/2'	20' - 20 1/2'	10' - 10 3/4'	15' - 17'	20' - 22 1/2'	1' - 5'	5' - 10'			
MATERIAL TYPE:													
DATE:	27-Sep-17	27-Sep-17	29-Sep-17	29-Sep-17	29-Sep-17	29-Sep-17	29-Sep-17	29-Sep-17	29-Sep-17	29-Sep-17			
<b>HEAVY METALS</b>													
Arsenic	3.09	3.69						4.51	5.22	2.59	20	20	
Barium	21.1	25.2						27.8	128	45.6			
Cadmium	<0.996	<1.11						<0.984	<1.1	<0.986	2	2	
Chromium	6.39	4.82						5.92	22.4	11.3	19	19	
Lead	6.18	3.74	10.5	7.40	10.5			5.75	110	6.57	250	1,000	
Mercury-ICPMS	<0.0996	<0.111						<0.0984	<0.11	<0.0986	2	2	
Selenium	<0.996	<1.11						<0.984	<1.1	<0.986			
Silver	<0.996	<1.11						<0.984	<1.1	<0.986			
<b>PETROLEUM HYDROCARBONS</b>													
Gasoline				<2.5	<2.5	<25	<25	<25	<25	<25	30/100	30/100	
Diesel	<25	<25		<25	<25	<50	<50	<50	<50	<50	2,000	2,000	
Lube Oil	842	681		<100	<100	<100	<100	<100	<100	<100	2,000	2,000	
<b>VOLATILE ORGANIC COMPOUNDS (VOC's)</b>													
Acetone	ND	ND	ND	ND	ND			ND					
Hexachlorobutadiene													
1,2,4 Trimethylbenzene													
Ethylbenzene											6		
Isopropylbenzene													
Methylene chloride											0.002		
m + p-Xylene													
Napthalene											5		
n-Butylbenzene													
n-Propylbenzene													
o-Xylene													
p-isopropyltoluene													
sec-Butylbenzene													

Unless otherwise noted results are presented in parts per million (mg/Kg)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

**Table 2 - Laboratory Analysis Summary**

**Water Test Results**

SAMPLE LOCATION:	BEHIND ACTIVE GAS STATION	MONITER INFILTRATION WELL	CENTRAL PORTION BY EQUIPMENT STORAGE									
BORING ID:	B-11	B-12	B-13									MTCA Regulatory Limit Unrestricted / Industrial
DEPTH:												
MATERIAL TYPE:	Water	Water	Water									
DATE:	6-Sep-17	7-Sep-17	8-Sep-17									
HEAVY METALS												
Arsenic	0.00335	0.00353	0.00628								0.005	0.005
Barium	0.0256	0.0311	0.0506									
Cadmium	<0.001	<0.001	<0.001								0.0001	0.0001
Chromium	0.00179	0.00166	0.00402								0.05	0.05
Lead	<0.001	<0.001	0.00593								0.005	0.005
Mercury-ICPMS	<0.00001	<0.00001	<0.00001								0.002	0.002
Selenium	<0.001	<0.001	<0.001									
Silver	<0.001	<0.001	<0.001									
PETROLEUM HYDROCARBONS												
Gasoline	<0.1	<0.1	<0.1									
Diesel	<0.1	<0.1	<0.1									
Lube Oil	<0.5	<0.5	<0.5									
VOLATILE ORGANIC COMPOUNDS (VOC's)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Unless otherwise noted results are presented in parts per million (mg/L)

ND - Not Detected with exception to listed compounds. For detection limits refer to Anatek Labs Inc., Test Reports

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170906061  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170906061-001	<b>Sampling Date</b>	9/5/2017	<b>Date/Time Received</b>	9/6/2017 10:20 AM
<b>Client Sample ID</b>	B9 4.0-6.0	<b>Sampling Time</b>	10:05 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	8.14	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Barium	92.3	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
CEC	246	meq/ 100g	0.52	9/13/2017 12:33:00 PM	KNP	EPA 9081	
Chromium	16.5	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/8/2017 3:54:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/8/2017 3:54:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/8/2017 3:54:00 AM	ARY	WATPH-HCID	
Lead	10.1	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
TVS	1.30	%	0.01	9/11/2017 11:45:00 AM	ACS	SM2540E	
%moisture	9.0	Percent		9/11/2017 11:45:00 AM	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170906061-001		
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	<b>Percent Recovery</b>
		WATPH-HCID	98.0
			<b>Control Limits</b>
			50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170906061  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170906061-002	<b>Sampling Date</b>	9/5/2017	<b>Date/Time Received</b>	9/6/2017 10:20 AM
<b>Client Sample ID</b>	B9 9.0-10.0	<b>Sampling Time</b>	10:30 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.05	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Barium	50.4	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
CEC	257	meq/ 100g	0.488	9/13/2017 12:38:00 PM	KNP	EPA 9081	
Chromium	12.9	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/8/2017 4:51:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/8/2017 4:51:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/8/2017 4:51:00 AM	ARY	WATPH-HCID	
Lead	8.21	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
TVS	0.60	%	0.01	9/11/2017 11:45:00 AM	ACS	SM2540E	
%moisture	3.5	Percent		9/11/2017 11:45:00 AM	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170906061-002			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	82.4	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170906061  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170906061-003	<b>Sampling Date</b>	9/5/2017	<b>Date/Time Received</b>	9/6/2017 10:20 AM
<b>Client Sample ID</b>	B10 4.5-6.5	<b>Sampling Time</b>	2:10 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	8.98	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Barium	88.7	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
CEC	240	meq/ 100g	0.492	9/13/2017 12:49:00 PM	KNP	EPA 9081	
Chromium	16.5	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/8/2017 5:47:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/8/2017 5:47:00 AM	ARY	WATPH-HCID	
Lube Oil	1320	mg/kg	100	9/8/2017 5:47:00 AM	ARY	WATPH-HCID	
Lead	11.1	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.095	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
TVS	1.40	%	0.01	9/11/2017 11:45:00 AM	ACS	SM2540E	
%moisture	6.1	Percent		9/11/2017 11:45:00 AM	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170906061-003			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	100.0	50-150

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SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170906061  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

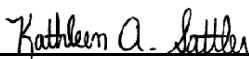
<b>Sample Number</b>	170906061-004	<b>Sampling Date</b>	9/5/2017	<b>Date/Time Received</b>	9/6/2017 10:20 AM
<b>Client Sample ID</b>	B10 9.5-11.5	<b>Sampling Time</b>	2:30 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	6.68	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Barium	62.8	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
CEC	237	meq/ 100g	0.468	9/13/2017 12:54:00 PM	KNP	EPA 9081	
Chromium	13.7	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/8/2017 6:43:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/8/2017 6:43:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/8/2017 6:43:00 AM	ARY	WATPH-HCID	
Lead	7.48	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.104	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
TVS	0.60	%	0.01	9/11/2017 11:45:00 AM	ACS	SM2540E	
%moisture	5.1	Percent		9/11/2017 11:45:00 AM	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170906061-004		
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	<b>Percent Recovery</b>
		WATPH-HCID	96.8
			<b>Control Limits</b>
			50-150

Authorized Signature

  
Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

**Order ID:** 170906061

1101 N FANCHER RD

**Order Date:** 9/6/2017

SPOKANE VALLEY WA 99212

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170906061-001 **Customer Sample #:** B9 4.0-6.0

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL

**Date Collected:** 9/5/2017

**Quantity:** 2 **Date Received:** 9/6/2017 10:20:00 AM

**Time Collected:** 10:05 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/18/2017	<u>Normal (~10 Days)</u>
CATION EXCHANGE CAPACITY	S	EPA 9081	9/18/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/18/2017	<u>Normal (~10 Days)</u>
SOLIDS - TVS	S	SM2540E	9/18/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/18/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170906061-002 **Customer Sample #:** B9 9.0-10.0

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL

**Date Collected:** 9/5/2017

**Quantity:** 2 **Date Received:** 9/6/2017 10:20:00 AM

**Time Collected:** 10:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/18/2017	<u>Normal (~10 Days)</u>
CATION EXCHANGE CAPACITY	S	EPA 9081	9/18/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/18/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
 1101 N FANCHER RD  
 SPOKANE VALLEY WA 99212

**Order ID:** 170906061  
**Order Date:** 9/6/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

SOLIDS - TVS	S	SM2540E	9/18/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/18/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170906061-003 **Customer Sample #:** B10 4.5-6.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/5/2017  
**Quantity:** 2 **Date Received:** 9/6/2017 10:20:00 AM **Time Collected:** 2:10 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/18/2017	<u>Normal (~10 Days)</u>
CATION EXCHANGE CAPACITY	S	EPA 9081	9/18/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/18/2017	<u>Normal (~10 Days)</u>
SOLIDS - TVS	S	SM2540E	9/18/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/18/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170906061  
**Order Date:** 9/6/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

**Sample #:** 170906061-004 **Customer Sample #:** B10 9.5-11.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/5/2017

**Quantity:** 2 **Date Received:** 9/6/2017 10:20:00 AM **Time Collected:** 2:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/18/2017	<u>Normal (~10 Days)</u>
CATION EXCHANGE CAPACITY	S	EPA 9081	9/18/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/18/2017	<u>Normal (~10 Days)</u>
SOLIDS - TVS	S	SM2540E	9/18/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/18/2017	<u>Normal (~10 Days)</u>

### SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	0.3/0.4
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	8



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70906 061 BUDI** Last Due **9/18/2017**  
 1st SAMP 9/5/2017 1st RCVD 9/6/2017  
**NORMANDIE X17444**

Company Name: **Budinger, Inc** Project Manager: **S. Burckett**  
 Address: **1101 N. Faucher** Project Name & #: **Normandie X17444**  
 City: **Spokane Valley WA** State: **WA** Zip: **99212** Email Address: **sburckett@budingerinc.com**  
 Phone: **509-535-8841** Purchase Order #:  
 Fax: Sampler Name & phone: **Teel**

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

Normal  Phone  
 Next Day\*  Mail  
 2nd Day\*  Fax  
 Other\*  Email

\*All rush order requests must be prior approved.

**Provide Sample Description** **List Analyses Requested** **Note Special Instructions/Comments**

Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative:		HClD	TOTAL METALS	CEC	ORGANIC CONTENT							
				# of Containers	Sample Volume											
B9	4.0-6.0	9/5/17 10:05	S	2		X	X	X	X							
B9	9.0-10.0	" 10:30	S	2		X	X	X	X							
B10	4.5-6.5	" 14:10	S	2		X	X	X	X							
B10	9.5-11.5	" 14:30	S	2		X	X	X	X							

*Handwritten:* Hold ADD SAMPLES FOR FUTURE ANALYSIS

	Printed Name	Signature	Company	Date	Time
Relinquished by	<b>MIKE TEEL</b>	<i>Mike Teel</i>	<b>B+A</b>	<b>9/5</b>	<b>17:45</b>
Received by	<b>Alice Burckett</b>	<i>ABurckett</i>	<b>B+A</b>	<b>9/6</b>	<b>10:00</b>
Relinquished by	<b>Alice Burckett</b>	<i>ABurckett</i>	<b>B+A</b>	<b>9/6</b>	<b>10:20</b>
Received by	<b>KS Coff</b>	<i>KS Coff</i>	<b>Anatek</b>	<b>9/6/17</b>	<b>1020</b>
Relinquished by					
Received by					

**Inspection Checklist**

Received Intact?  Y  N  
 Labels & Chains Agree?  Y  N  
 Containers Sealed?  Y  N  
 VOC Head Space?  Y  N

*hand/Coal/ice*

Temperature (°C): **0.3°/0.4° 1R#**  
 Preservative: **ice**  
 Date & Time: **9-6-17 1536**  
 Inspected By: **W/uf**

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170906061  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170906061-001	<b>Sampling Date</b>	9/5/2017	<b>Date/Time Received</b>	9/6/2017 10:20 AM
<b>Client Sample ID</b>	B9 4.0-6.0	<b>Sampling Time</b>	10:05 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	8.14	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Barium	92.3	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
CEC	246	meq/ 100g	0.52	9/13/2017 12:33:00 PM	KNP	EPA 9081	
Chromium	16.5	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/8/2017 3:54:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/8/2017 3:54:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/8/2017 3:54:00 AM	ARY	WATPH-HCID	
Lead	10.1	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.992	10/6/2017 4:52:00 PM	KNP	EPA 6020A	
TVS	1.30	%	0.01	9/11/2017 11:45:00 AM	ACS	SM2540E	
%moisture	9.0	Percent		9/11/2017 11:45:00 AM	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170906061-001		
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	<b>Percent Recovery</b>
		WATPH-HCID	98.0
			<b>Control Limits</b>
			50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170906061  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170906061-002	<b>Sampling Date</b>	9/5/2017	<b>Date/Time Received</b>	9/6/2017 10:20 AM
<b>Client Sample ID</b>	B9 9.0-10.0	<b>Sampling Time</b>	10:30 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.05	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Barium	50.4	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
CEC	257	meq/ 100g	0.488	9/13/2017 12:38:00 PM	KNP	EPA 9081	
Chromium	12.9	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/8/2017 4:51:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/8/2017 4:51:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/8/2017 4:51:00 AM	ARY	WATPH-HCID	
Lead	8.21	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.936	10/6/2017 4:55:00 PM	KNP	EPA 6020A	
TVS	0.60	%	0.01	9/11/2017 11:45:00 AM	ACS	SM2540E	
%moisture	3.5	Percent		9/11/2017 11:45:00 AM	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170906061-002			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	82.4	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170906061  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170906061-003	<b>Sampling Date</b>	9/5/2017	<b>Date/Time Received</b>	9/6/2017 10:20 AM		
<b>Client Sample ID</b>	B10 4.5-6.5	<b>Sampling Time</b>	2:10 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	8.98	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Barium	88.7	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
CEC	240	meq/ 100g	0.492	9/13/2017 12:49:00 PM	KNP	EPA 9081	
Chromium	16.5	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/8/2017 5:47:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/8/2017 5:47:00 AM	ARY	WATPH-HCID	
Lube Oil	1320	mg/kg	100	9/8/2017 5:47:00 AM	ARY	WATPH-HCID	
Lead	11.1	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.095	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.95	10/6/2017 4:58:00 PM	KNP	EPA 6020A	
TVS	1.40	%	0.01	9/11/2017 11:45:00 AM	ACS	SM2540E	
%moisture	6.1	Percent		9/11/2017 11:45:00 AM	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170906061-003			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	100.0	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170906061  
**Project Name:** NORMANDIE X17444

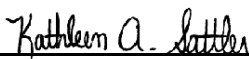
## Analytical Results Report

<b>Sample Number</b>	170906061-004	<b>Sampling Date</b>	9/5/2017	<b>Date/Time Received</b>	9/6/2017 10:20 AM		
<b>Client Sample ID</b>	B10 9.5-11.5	<b>Sampling Time</b>	2:30 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	6.68	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Barium	62.8	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
CEC	237	meq/ 100g	0.468	9/13/2017 12:54:00 PM	KNP	EPA 9081	
Chromium	13.7	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/8/2017 6:43:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/8/2017 6:43:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/8/2017 6:43:00 AM	ARY	WATPH-HCID	
Lead	7.48	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.104	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1.04	10/6/2017 5:02:00 PM	KNP	EPA 6020A	
TVS	0.60	%	0.01	9/11/2017 11:45:00 AM	ACS	SM2540E	
%moisture	5.1	Percent		9/11/2017 11:45:00 AM	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170906061-004			
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
		WATPH-HCID	96.8	50-150

Authorized Signature

  
Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

**Order ID:** 170906061

1101 N FANCHER RD

**Order Date:** 9/6/2017

SPOKANE VALLEY WA 99212

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170906061-001 **Customer Sample #:** B9 4.0-6.0

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL

**Date Collected:** 9/5/2017

**Quantity:** 2 **Date Received:** 9/6/2017 10:20:00 AM

**Time Collected:** 10:05 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/18/2017	<u>Normal (~10 Days)</u>
CATION EXCHANGE CAPACITY	S	EPA 9081	9/18/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/18/2017	<u>Normal (~10 Days)</u>
SOLIDS - TVS	S	SM2540E	9/18/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/18/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170906061-002 **Customer Sample #:** B9 9.0-10.0

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL

**Date Collected:** 9/5/2017

**Quantity:** 2 **Date Received:** 9/6/2017 10:20:00 AM

**Time Collected:** 10:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/18/2017	<u>Normal (~10 Days)</u>
CATION EXCHANGE CAPACITY	S	EPA 9081	9/18/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/18/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
 1101 N FANCHER RD  
 SPOKANE VALLEY WA 99212

**Order ID:** 170906061  
**Order Date:** 9/6/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

SOLIDS - TVS	S	SM2540E	9/18/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/18/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170906061-003 **Customer Sample #:** B10 4.5-6.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/5/2017  
**Quantity:** 2 **Date Received:** 9/6/2017 10:20:00 AM **Time Collected:** 2:10 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/18/2017	<u>Normal (~10 Days)</u>
CATION EXCHANGE CAPACITY	S	EPA 9081	9/18/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/18/2017	<u>Normal (~10 Days)</u>
SOLIDS - TVS	S	SM2540E	9/18/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/18/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170906061  
**Order Date:** 9/6/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

**Sample #:** 170906061-004 **Customer Sample #:** B10 9.5-11.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/5/2017

**Quantity:** 2 **Date Received:** 9/6/2017 10:20:00 AM **Time Collected:** 2:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/18/2017	<u>Normal (~10 Days)</u>
CATION EXCHANGE CAPACITY	S	EPA 9081	9/18/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/18/2017	<u>Normal (~10 Days)</u>
SOLIDS - TVS	S	SM2540E	9/18/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/18/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/18/2017	<u>Normal (~10 Days)</u>

### SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	0.3/0.4
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	8



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70906 061 BUDI** Last Due **9/18/2017**  
1st SAMP 9/5/2017 1st RCVD 9/6/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger, Inc</b>	Project Manager: <b>S. Burckett</b>
Address: <b>1101 N. Faucher</b>	Project Name & #: <b>Normandie X17444</b>
City: <b>Spokane Valley WA</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburckett@budingerinc.com</b>
Phone: <b>509-535-8841</b>	Purchase Order #:
Fax:	Sampler Name & phone: <b>Teel</b>

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input checked="" type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input checked="" type="checkbox"/> Other*		<input type="checkbox"/> Email

Provide Sample Description				List Analyses Requested						Note Special Instructions/Comments	
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative	# of Containers	Sample Volume	ACID	TOTAL METALS	CEC		ORGANIC CONTENT
B9	4.0-6.0	9/5/17 10:05	S		2		X	X	X	X	Hold ADD SAMPLES FOR FUTURE ANALYSIS
B9	9.0-10.0	" 10:30	S		2		X	X	X	X	
B10	4.5-6.5	" 14:10	S		2		X	X	X	X	
B10	9.5-11.5	" 14:30	S		2		X	X	X	X	

**Inspection Checklist**

Received Intact?	<input checked="" type="radio"/> Y	<input type="radio"/> N
Labels & Chains Agree?	<input checked="" type="radio"/> Y	<input type="radio"/> N
Containers Sealed?	<input checked="" type="radio"/> Y	<input type="radio"/> N
VOC Head Space?	<input checked="" type="radio"/> Y	<input type="radio"/> N

*hand/Coal/ice*

	Printed Name	Signature	Company	Date	Time
Relinquished by	<b>MIKE TEEL</b>	<i>Mike Teel</i>	<b>B+A</b>	<b>9/5</b>	<b>17:45</b>
Received by	<b>Alice Burckett</b>	<i>ABurckett</i>	<b>B+A</b>	<b>9/6</b>	<b>10:00</b>
Relinquished by	<b>Alice Burckett</b>	<i>ABurckett</i>	<b>B+A</b>	<b>9/6</b>	<b>10:20</b>
Received by	<b>KS Coff</b>	<i>KS Coff</i>	<b>Anatek</b>	<b>9/6/17</b>	<b>1020</b>
Relinquished by					
Received by					

Temperature (°C): **0.3 / 0.4 / 1R#**

Preservative: **ice**

Date & Time: **9-6-17 1536**

Inspected By: **W/uf**

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908002-001	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM		
<b>Client Sample ID</b>	B11 10-12	<b>Sampling Time</b>	11:00 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzene	ND	µg/Kg	25	9/15/2017 4:34:00 PM	ACS	EPA 8021	
Ethylbenzene	ND	µg/Kg	25	9/15/2017 4:34:00 PM	ACS	EPA 8021	
m+p-Xylene	ND	µg/Kg	50	9/15/2017 4:34:00 PM	ACS	EPA 8021	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	25	9/15/2017 4:34:00 PM	ACS	EPA 8021	
o-Xylene	ND	µg/Kg	25	9/15/2017 4:34:00 PM	ACS	EPA 8021	
Toluene	ND	µg/Kg	25	9/15/2017 4:34:00 PM	ACS	EPA 8021	
Total Xylene	ND	µg/Kg	25	9/15/2017 4:34:00 PM	ACS	EPA 8021	
Lead	6.97	mg/Kg	1.02	10/6/2017 5:14:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/13/2017 2:15:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/13/2017 2:15:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/15/2017 4:34:00 PM	ACS	NWTPHG	
%moisture	3.3	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908002-001		
Surrogate Standard	Method	Percent Recovery	Control Limits
4-Bromofluorobenzene	EPA 8021	88.9	70-130
hexacosane	NWTPHDX	93.4	50-150
4-Bromofluorobenzene	NWTPHG	90.0	70-130

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908002-002	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM		
<b>Client Sample ID</b>	B11 15-17	<b>Sampling Time</b>	11:30 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzene	ND	µg/Kg	25	9/15/2017 5:12:00 PM	ACS	EPA 8021	
Ethylbenzene	ND	µg/Kg	25	9/15/2017 5:12:00 PM	ACS	EPA 8021	
m+p-Xylene	ND	µg/Kg	50	9/15/2017 5:12:00 PM	ACS	EPA 8021	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	25	9/15/2017 5:12:00 PM	ACS	EPA 8021	
o-Xylene	ND	µg/Kg	25	9/15/2017 5:12:00 PM	ACS	EPA 8021	
Toluene	ND	µg/Kg	25	9/15/2017 5:12:00 PM	ACS	EPA 8021	
Total Xylene	ND	µg/Kg	25	9/15/2017 5:12:00 PM	ACS	EPA 8021	
Lead	8.64	mg/Kg	0.954	10/6/2017 5:18:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/13/2017 3:51:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/13/2017 3:51:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/15/2017 5:12:00 PM	ACS	NWTPHG	
%moisture	3.5	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908002-002		
Surrogate Standard	Method	Percent Recovery	Control Limits
4-Bromofluorobenzene	EPA 8021	86.1	70-130
hexacosane	NWTPHDX	88.2	50-150
4-Bromofluorobenzene	NWTPHG	86.9	70-130

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**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908002-003	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM		
<b>Client Sample ID</b>	B11 20-22	<b>Sampling Time</b>	11:45 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzene	ND	µg/Kg	25	9/15/2017 5:51:00 PM	ACS	EPA 8021	
Ethylbenzene	ND	µg/Kg	25	9/15/2017 5:51:00 PM	ACS	EPA 8021	
m+p-Xylene	ND	µg/Kg	50	9/15/2017 5:51:00 PM	ACS	EPA 8021	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	25	9/15/2017 5:51:00 PM	ACS	EPA 8021	
o-Xylene	ND	µg/Kg	25	9/15/2017 5:51:00 PM	ACS	EPA 8021	
Toluene	ND	µg/Kg	25	9/15/2017 5:51:00 PM	ACS	EPA 8021	
Total Xylene	ND	µg/Kg	25	9/15/2017 5:51:00 PM	ACS	EPA 8021	
Lead	16.0	mg/Kg	1.01	10/6/2017 5:21:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/13/2017 4:48:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/13/2017 4:48:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/15/2017 5:51:00 PM	ACS	NWTPHG	
%moisture	4.3	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908002-003		
Surrogate Standard	Method	Percent Recovery	Control Limits
4-Bromofluorobenzene	EPA 8021	80.3	70-130
hexacosane	NWTPHDX	94.4	50-150
4-Bromofluorobenzene	NWTPHG	81.4	70-130

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**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908002-005	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM		
<b>Client Sample ID</b>	B11 30-32	<b>Sampling Time</b>	12:30 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzene	ND	µg/Kg	25	9/15/2017 6:28:00 PM	ACS	EPA 8021	
Ethylbenzene	ND	µg/Kg	25	9/15/2017 6:28:00 PM	ACS	EPA 8021	
m+p-Xylene	ND	µg/Kg	50	9/15/2017 6:28:00 PM	ACS	EPA 8021	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	25	9/15/2017 6:28:00 PM	ACS	EPA 8021	
o-Xylene	ND	µg/Kg	25	9/15/2017 6:28:00 PM	ACS	EPA 8021	
Toluene	ND	µg/Kg	25	9/15/2017 6:28:00 PM	ACS	EPA 8021	
Total Xylene	ND	µg/Kg	25	9/15/2017 6:28:00 PM	ACS	EPA 8021	
Lead	8.47	mg/Kg	0.994	10/6/2017 5:24:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/13/2017 5:44:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/13/2017 5:44:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/15/2017 6:28:00 PM	ACS	NWTPHG	
%moisture	5.3	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908002-005		
Surrogate Standard	Method	Percent Recovery	Control Limits
4-Bromofluorobenzene	EPA 8021	84.7	70-130
hexacosane	NWTPHDX	94.8	50-150
4-Bromofluorobenzene	NWTPHG	85.4	70-130

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**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170908002-006      **Sampling Date** 9/6/2017      **Date/Time Received** 9/6/2017 4:17 PM  
**Client Sample ID** B12 4-6      **Sampling Time** 2:20 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	9.47	mg/Kg	0.93	10/6/2017 5:38:00 PM	KNP	EPA 6020A	
Barium	59.1	mg/Kg	0.93	10/6/2017 5:38:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.93	10/6/2017 5:38:00 PM	KNP	EPA 6020A	
Chromium	10.6	mg/Kg	0.93	10/6/2017 5:38:00 PM	KNP	EPA 6020A	
Lead	14.0	mg/Kg	0.93	10/6/2017 5:38:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.093	10/6/2017 5:38:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.93	10/6/2017 5:38:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.93	10/6/2017 5:38:00 PM	KNP	EPA 6020A	
Diesel	34	mg/kg	25	9/13/2017 6:41:00 PM	ARY	NWTPHDX	
Lube Oil	188	mg/kg	100	9/13/2017 6:41:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/15/2017 7:06:00 PM	ACS	NWTPHG	
%moisture	4.1	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

**Sample Number** 170908002-006

Surrogate Standard	Method	Percent Recovery	Control Limits
hexacosane	NWTPHDX	80.0	50-150
4-Bromofluorobenzene	NWTPHG	82.9	70-130

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**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170908002-007      **Sampling Date** 9/6/2017      **Date/Time Received** 9/6/2017 4:17 PM  
**Client Sample ID** B12 14-16      **Sampling Time** 3:45 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

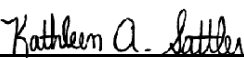
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.95	mg/Kg	0.992	10/6/2017 5:41:00 PM	KNP	EPA 6020A	
Barium	38.0	mg/Kg	0.992	10/6/2017 5:41:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.992	10/6/2017 5:41:00 PM	KNP	EPA 6020A	
Chromium	10.0	mg/Kg	0.992	10/6/2017 5:41:00 PM	KNP	EPA 6020A	
Lead	6.72	mg/Kg	0.992	10/6/2017 5:41:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0992	10/6/2017 5:41:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.992	10/6/2017 5:41:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.992	10/6/2017 5:41:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/13/2017 7:37:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/13/2017 7:37:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/15/2017 7:44:00 PM	ACS	NWTPHG	
%moisture	3.3	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

**Sample Number** 170908002-007

Surrogate Standard	Method	Percent Recovery	Control Limits
hexacosane	NWTPHDX	94.6	50-150
4-Bromofluorobenzene	NWTPHG	83.9	70-130

Authorized Signature

  
Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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**Attn:** STEVE BURCHETT

**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908002-006	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM
<b>Client Sample ID</b>	B12 4-6	<b>Sampling Time</b>	2:20 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; NV:ID00013; OR:ID200001-002; WA:C595  
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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**Attn:** STEVE BURCHETT

**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908002-006	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM
<b>Client Sample ID</b>	B12 4-6	<b>Sampling Time</b>	2:20 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chlorobenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	12.3	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	9/14/2017 7:11:00 PM	ACS	EPA 8260C	
%moisture	4.1	Percent		9/11/2017	ARY	%moisture	

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**Attn:** STEVE BURCHETT

**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908002-006	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM
<b>Client Sample ID</b>	B12 4-6	<b>Sampling Time</b>	2:20 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170908002-006						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		102.8		70-130	
4-Bromofluorobenzene		EPA 8260C		97.4		70-130	
Toluene-d8		EPA 8260C		100.4		70-130	

# Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170908002-007      **Sampling Date** 9/6/2017      **Date/Time Received** 9/6/2017 4:17 PM  
**Client Sample ID** B12 14-16      **Sampling Time** 3:45 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908002-007	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM
<b>Client Sample ID</b>	B12 14-16	<b>Sampling Time</b>	3:45 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	9/14/2017 7:40:00 PM	ACS	EPA 8260C	
%moisture	3.3	Percent		9/11/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170908002  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

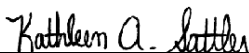
<b>Sample Number</b>	170908002-007	<b>Sampling Date</b>	9/6/2017	<b>Date/Time Received</b>	9/6/2017 4:17 PM
<b>Client Sample ID</b>	B12 14-16	<b>Sampling Time</b>	3:45 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170908002-007				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C	104.2	70-130	
4-Bromofluorobenzene		EPA 8260C	99.0	70-130	
Toluene-d8		EPA 8260C	100.2	70-130	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170908002

**Order Date:** 9/8/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170908002-001 **Customer Sample #:** B11 10-12

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR

**Date Collected:** 9/6/2017

**Quantity:** 2 **Date Received:** 9/6/2017 4:17:00 PM

**Time Collected:** 11:00 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<b><u>Normal (~10 Days)</u></b>
BTEX 8021	S	EPA 8021	9/20/2017	<b><u>Normal (~10 Days)</u></b>
LEAD	S	EPA 6020A	9/20/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/20/2017	<b><u>Normal (~10 Days)</u></b>
TPHG-NW-SPO	S	NWTPHG	9/20/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170908002-002 **Customer Sample #:** B11 15-17

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR

**Date Collected:** 9/6/2017

**Quantity:** 2 **Date Received:** 9/6/2017 4:17:00 PM

**Time Collected:** 11:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<b><u>Normal (~10 Days)</u></b>
BTEX 8021	S	EPA 8021	9/20/2017	<b><u>Normal (~10 Days)</u></b>
LEAD	S	EPA 6020A	9/20/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/20/2017	<b><u>Normal (~10 Days)</u></b>
TPHG-NW-SPO	S	NWTPHG	9/20/2017	<b><u>Normal (~10 Days)</u></b>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170908002  
**Order Date:** 9/8/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170908002-003 **Customer Sample #:** B11 20-22

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/6/2017

**Quantity:** 2 **Date Received:** 9/6/2017 4:17:00 PM **Time Collected:** 11:45 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
BTEX 8021	S	EPA 8021	9/20/2017	<u>Normal (~10 Days)</u>
LEAD	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/20/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/20/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170908002-004 **Customer Sample #:** B11 25-27

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/6/2017

**Quantity:** 2 **Date Received:** 9/6/2017 4:17:00 PM **Time Collected:** 12:00 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/6/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170908002-005 **Customer Sample #:** B11 30-32

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/6/2017

**Quantity:** 2 **Date Received:** 9/6/2017 4:17:00 PM **Time Collected:** 12:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
BTEX 8021	S	EPA 8021	9/20/2017	<u>Normal (~10 Days)</u>
LEAD	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/20/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/20/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170908002  
**Order Date:** 9/8/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170908002-006 **Customer Sample #:** B12 4-6

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/6/2017

**Quantity:** 2 **Date Received:** 9/6/2017 4:17:00 PM **Time Collected:** 2:20 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
LEAD	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/20/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/20/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/20/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/20/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170908002-007 **Customer Sample #:** B12 14-16

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/6/2017

**Quantity:** 2 **Date Received:** 9/6/2017 4:17:00 PM **Time Collected:** 3:45 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
LEAD	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/20/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/20/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/20/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170908002  
**Order Date:** 9/8/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

Selenium	S	EPA 6020A	9/20/2017	<u><b>Normal (~10 Days)</b></u>
Silver	S	EPA 6020A	9/20/2017	<u><b>Normal (~10 Days)</b></u>
TOTAL 8	S	N/A	9/20/2017	<u><b>Normal (~10 Days)</b></u>

**SAMPLE CONDITION RECORD**

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Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	16.9/17.0
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	14



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70908 002 BUDI** Last Due **9/20/2017**  
1st SAMP 9/6/2017 1st RCVD 9/6/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger Inc</b>	Project Manager: <b>BURCHETT</b>
Address: <b>1101 N. Fancher</b>	Project Name & #: <b>NORMANDIE X17444</b>
City: <b>Spokane Valley WA</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>509 535 8841</b>	Purchase Order #:
Fax:	Sampler Name & phone: <b>Taylor</b>

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

Provide Sample Description	List Analyses Requested	Note Special Instructions/Comments
----------------------------	-------------------------	------------------------------------

Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative							
				# of Containers	Sample Volume						
1	B11 10-12	9/6/17 11:00	S	2							
2	B11 15-17	9/6 11:30	S	2							
3	B11 20-22	9/6 11:45	S	2							
4	B11 25-27	9/6 12:00	S	2							
5	B11 30-32	9/6 12:30	S	2							
6	B12 <del>4-6</del>	9/6 14:20	S	2							
(X)	B12 9-11	9/6 15:30	S	2							
7	B12 14-16	9/6 15:45	S	2							

*See attached for testing*

*(X) no bottles rec'd*

**Inspection Checklist**

Received Intact?  Y  N

Labels & Chains Agree?  Y  N

Containers Sealed?  Y  N

VOC Head Space?  Y  N

*h/cli*

Temperature (°C): *16.9/17.0 11/1*

Preservative: *—*

Date & Time: *9-8-17 1023*

Inspected By: *Wdy*

	Printed Name	Signature	Company	Date	Time
Relinquished by	John Taylor	<i>John Taylor</i>	B&A	9/6/17	16:00
Received by	Joel Orchard	<i>Joel Orchard</i>	B&A	9/6/17	16:00
Relinquished by	Joel Orchard	<i>Joel Orchard</i>	B&A	9/6/17	16:17
Received by	Wendy Oz	<i>Wendy Oz</i>	Anatek	9-6-17	16:17
Relinquished by					
Received by					



### Chain of Custody Record

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

70908 002 **BUDI** Last Due **9/20/2017**  
 1st SAMP 9/6/2017 1st RCVD 9/6/2017  
 NORMANDIE X17444

Company Name: <u>Burdinger Inc.</u>		Project Manager: <u>BURCHETT</u>	
Address: <u>1101 N. Frontier</u>		Project Name & #: <u>NORMANDIE X17444</u>	
City: <u>Spokane Valley</u> State: <u>WA</u> Zip: <u>99212</u>	Email Address: <u>shirley@burdingerinc.com</u>		
Phone: <u>509 535 8841</u>	Purchase Order #:		
Fax:	Sampler Name & phone: <u>Taylor</u>		

#### Turn Around Time & Reporting

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

#### Provide Sample Description

Lab ID	Sample Identification	Sampling Date/Time	Matrix	List Analyses Requested											
				Preservative:	# of Containers	Sample Volume	ACID	PCRBMS	VOC'S	TPHDX	TPH6BEX	Total Pb			
1	B11 10-12	9/6/17 11:00	S		2										
2	B11 15-17	9/6 11:30	S		2										
3	B11 20-22	9/6 11:45	S		2										
4	B11 25-27	9/6 12:00	S		2										
5	B11 30-32	9/6 12:00	S		2										
6	B12 4-6	9/6 14:20	S		2										
*7	B12 9-11	9/6 15:30	S		2										
7	B12 12-14	9/6 15:45	S		2										

#### Note Special Instructions/Comments

\* no bottles rec'd

#### Inspection Checklist

Received Intact?	Y	N
Labels & Chains Agree?	Y	N
Containers Sealed?	Y	N
VOC Head Space?	Y	N

	Printed Name	Signature	Company	Date	Time
Relinquished by	<u>John Taylor</u>	<u>[Signature]</u>	<u>BUI</u>	<u>9/6</u>	<u>16:00</u>
Received by	<u>[Signature]</u>	<u>[Signature]</u>			
Relinquished by	<u>Joel Drouot</u>	<u>[Signature]</u>	<u>ANATEK</u>	<u>9/6/17</u>	<u>16:17</u>
Received by	<u>Wendy [Signature]</u>	<u>[Signature]</u>	<u>Anatek</u>	<u>9-6-17</u>	<u>16:17</u>
Relinquished by					
Received by					

Temperature (°C): \_\_\_\_\_

Preservative: \_\_\_\_\_

Date & Time: \_\_\_\_\_

Inspected By: \_\_\_\_\_

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170908009  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908009-001	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM
<b>Client Sample ID</b>	B12 19-21	<b>Sampling Time</b>	7:30 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	6.32	mg/Kg	1.04	10/6/2017 5:45:00 PM	KNP	EPA 6020A	
Barium	85.0	mg/Kg	1.04	10/6/2017 5:45:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	1.04	10/6/2017 5:45:00 PM	KNP	EPA 6020A	
Chromium	10.8	mg/Kg	1.04	10/6/2017 5:45:00 PM	KNP	EPA 6020A	
Lead	9.33	mg/Kg	1.04	10/6/2017 5:45:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.104	10/6/2017 5:45:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1.04	10/6/2017 5:45:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1.04	10/6/2017 5:45:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/13/2017 8:34:00 PM	ARY	NWTPHDX	
Lube Oil	234	mg/kg	100	9/13/2017 8:34:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/15/2017 10:22:00 PM	ACS	NWTPHG	
%moisture	4.8	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908009-001		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane	NWTPHDX	89.4	50-150
4-Bromofluorobenzene	NWTPHG	81.6	70-130

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**Batch #:** 170908009  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908009-002	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM
<b>Client Sample ID</b>	B13 4.5-6.5	<b>Sampling Time</b>	10:30 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	3.71	mg/Kg	0.816	10/6/2017 5:48:00 PM	KNP	EPA 6020A	
Barium	63.4	mg/Kg	0.816	10/6/2017 5:48:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.816	10/6/2017 5:48:00 PM	KNP	EPA 6020A	
Chromium	34.7	mg/Kg	0.816	10/6/2017 5:48:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/13/2017 9:31:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/13/2017 9:31:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/13/2017 9:31:00 PM	ARY	WATPH-HCID	
Lead	11.5	mg/Kg	0.816	10/6/2017 5:48:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0816	10/6/2017 5:48:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.816	10/6/2017 5:48:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.816	10/6/2017 5:48:00 PM	KNP	EPA 6020A	
%moisture	4.2	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908009-002			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	90.2	50-150

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**Batch #:** 170908009  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170908009-003      **Sampling Date** 9/7/2017      **Date/Time Received** 9/7/2017 4:05 PM  
**Client Sample ID** B13 9.5-10.5      **Sampling Time** 10:45 AM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	8.79	mg/Kg	0.862	10/6/2017 5:51:00 PM	KNP	EPA 6020A	
Barium	53.9	mg/Kg	0.862	10/6/2017 5:51:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.862	10/6/2017 5:51:00 PM	KNP	EPA 6020A	
Chromium	9.96	mg/Kg	0.862	10/6/2017 5:51:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/13/2017 10:27:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/13/2017 10:27:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/13/2017 10:27:00 PM	ARY	WATPH-HCID	
Lead	6.71	mg/Kg	0.862	10/6/2017 5:51:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0862	10/6/2017 5:51:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.862	10/6/2017 5:51:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.862	10/6/2017 5:51:00 PM	KNP	EPA 6020A	
%moisture	4.2	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

**Sample Number** 170908009-003

Surrogate Standard	Method	Percent Recovery	Control Limits
hexacosane	WATPH-HCID	95.2	50-150

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**Batch #:** 170908009  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908009-004	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM
<b>Client Sample ID</b>	B13 14.5-15	<b>Sampling Time</b>	11:15 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	7.94	mg/Kg	0.842	10/6/2017 5:55:00 PM	KNP	EPA 6020A	
Barium	66.3	mg/Kg	0.842	10/6/2017 5:55:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.842	10/6/2017 5:55:00 PM	KNP	EPA 6020A	
Chromium	12.1	mg/Kg	0.842	10/6/2017 5:55:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/14/2017 4:05:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/14/2017 4:05:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/14/2017 4:05:00 AM	ARY	WATPH-HCID	
Lead	7.42	mg/Kg	0.842	10/6/2017 5:55:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0842	10/6/2017 5:55:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.842	10/6/2017 5:55:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.842	10/6/2017 5:55:00 PM	KNP	EPA 6020A	
%moisture	1.9	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908009-004			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	83.0	50-150

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## Analytical Results Report

<b>Sample Number</b>	170908009-005	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM		
<b>Client Sample ID</b>	B13 19.5-21.5	<b>Sampling Time</b>	11:30 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	9/14/2017 5:01:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/14/2017 5:01:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/14/2017 5:01:00 AM	ARY	WATPH-HCID	
%moisture	4.4	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908009-005						
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	WATPH-HCID	<b>Percent Recovery</b>	93.2	<b>Control Limits</b>	50-150

<b>Sample Number</b>	170908009-006	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM		
<b>Client Sample ID</b>	B13 24.5-26.5	<b>Sampling Time</b>	11:45 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	9/14/2017 5:56:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/14/2017 5:56:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/14/2017 5:56:00 AM	ARY	WATPH-HCID	
%moisture	3.7	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908009-006						
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	WATPH-HCID	<b>Percent Recovery</b>	98.2	<b>Control Limits</b>	50-150

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**Batch #:** 170908009  
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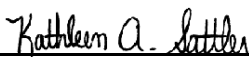
## Analytical Results Report

<b>Sample Number</b>	170908009-007	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM		
<b>Client Sample ID</b>	B13 29.5-31.5	<b>Sampling Time</b>	12:10 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	9/14/2017 6:52:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/14/2017 6:52:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/14/2017 6:52:00 AM	ARY	WATPH-HCID	
%moisture	7.6	Percent		9/11/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170908009-007			
Surrogate Standard	Method	Percent Recovery	Control Limits	
hexacosane	WATPH-HCID	91.0	50-150	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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## Analytical Results Report

<b>Sample Number</b>	170908009-001	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM
<b>Client Sample ID</b>	B12 19-21	<b>Sampling Time</b>	7:30 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; NV:ID00013; OR:ID200001-002; WA:C595  
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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**Batch #:** 170908009  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170908009-001	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM
<b>Client Sample ID</b>	B12 19-21	<b>Sampling Time</b>	7:30 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chlorobenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	9/14/2017 8:10:00 PM	ACS	EPA 8260C	
%moisture	4.8	Percent		9/11/2017	ARY	%moisture	

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170908009  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

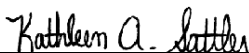
<b>Sample Number</b>	170908009-001	<b>Sampling Date</b>	9/7/2017	<b>Date/Time Received</b>	9/7/2017 4:05 PM
<b>Client Sample ID</b>	B12 19-21	<b>Sampling Time</b>	7:30 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
-----------	--------	-------	-----	---------------	---------	--------	-----------

### Surrogate Data

<b>Sample Number</b>	170908009-001				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C	104.4	70-130	
4-Bromofluorobenzene		EPA 8260C	96.4	70-130	
Toluene-d8		EPA 8260C	99.2	70-130	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170908009

**Order Date:** 9/8/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170908009-001 **Customer Sample #:** B12 19-21

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR

**Date Collected:** 9/7/2017

**Quantity:** 2 **Date Received:** 9/7/2017 4:05:00 PM

**Time Collected:** 7:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/20/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/20/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/20/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/20/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170908009-002 **Customer Sample #:** B13 4.5-6.5

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR

**Date Collected:** 9/7/2017

**Quantity:** 2 **Date Received:** 9/7/2017 4:05:00 PM

**Time Collected:** 10:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/20/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170908009  
**Order Date:** 9/8/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

Barium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/20/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170908009-003 **Customer Sample #:** B13 9.5-10.5

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/7/2017

**Quantity:** 2 **Date Received:** 9/7/2017 4:05:00 PM **Time Collected:** 10:45 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/20/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/20/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170908009-004 **Customer Sample #:** B13 14.5-15

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/7/2017

**Quantity:** 2 **Date Received:** 9/7/2017 4:05:00 PM **Time Collected:** 11:15 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/20/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170908009  
**Order Date:** 9/8/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

Cadmium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/20/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/20/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170908009-005 **Customer Sample #:** B13 19.5-21.5

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/7/2017  
**Quantity:** 2 **Date Received:** 9/7/2017 4:05:00 PM **Time Collected:** 11:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/20/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170908009-006 **Customer Sample #:** B13 24.5-26.5

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/7/2017  
**Quantity:** 2 **Date Received:** 9/7/2017 4:05:00 PM **Time Collected:** 11:45 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/20/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170908009-007 **Customer Sample #:** B13 29.5-31.5

**Recv'd:**  **Matrix:** Soil **Collector:** JOHN TAYLOR **Date Collected:** 9/7/2017  
**Quantity:** 2 **Date Received:** 9/7/2017 4:05:00 PM **Time Collected:** 12:10 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/20/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/20/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170908009  
**Order Date:** 9/8/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

### SAMPLE CONDITION RECORD

---

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	5.6/5.7
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	14



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

70908 009 **BUDI** Last Due **9/20/2017**  
1st SAMP 9/7/2017 1st RCVD 9/7/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger Associates Inc.</b>	Project Manager: <b>S. Burchett</b>
Address: <b>1101 N. Fancher</b>	Project Name & #: <b>Normandie X17444</b>
City: <b>Spokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>509-535-8841</b>	Purchase Order #:
Fax:	Sampler Name & phone: <b>Teel/Taylor</b>

TURN AROUND TIME REPORT

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

Provide Sample Description				List Analyses Requested				Note Special Instructions/Comments			
----------------------------	--	--	--	-------------------------	--	--	--	------------------------------------	--	--	--

Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative:							
				# of Containers	Sample Volume						
1	B12 19-21	9/7/17 7:30	S	2							
2	B13 4.5-6.5	9/7/17 10:30	S	2							
3	B13 9.5-10.5	9/7/17 10:45	S	2							
4	B13 14.5-15.5	9/7/17 11:15	S	2							
5	B13 19.5-21.5	9/7/17 11:30	S	2							
6	B13 24.5-26.5	9/7/17 11:45	S	2							
7	B13 29.5-31.5	9/7/17 12:10	S	2							

*See attached for testing*

**Inspection Checklist**

Received Intact?	<input checked="" type="radio"/> Y	<input type="radio"/> N
Labels & Chains Agree?	<input type="radio"/> Y	<input checked="" type="radio"/> N
Containers Sealed?	<input checked="" type="radio"/> Y	<input type="radio"/> N
VOC Head Space?	<input type="radio"/> Y	<input checked="" type="radio"/> N
Temperature (°C):	<i>hard/cold/ice</i> 5.6°/5-7°	
Preservative:	<i>ice</i>	
Date & Time:	<i>9-8-17 1100</i>	
Inspected By:	<i>msc</i>	

	Printed Name	Signature	Company	Date	Time
Relinquished by	John Taylor	<i>[Signature]</i>	B&A	9/7/17	15:00
Received by	Joel Orchard	<i>[Signature]</i>	B&A	9/7/17	1545
Relinquished by	Joel Orchard	<i>[Signature]</i>	B&A	9/7/17	1605
Received by	K Scott	<i>[Signature]</i>	Anatek	9/7/17	1605
Relinquished by					
Received by					



Anatek  
Labs,  
Inc.

**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

70908 009 **BUDI** Last Due 9/20/2017  
1st SAMP 9/7/2017 1st RCVD 9/7/2017  
ORMANDIE X17444

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

Normal  Phone  
Next Day\*  Mail  
2nd Day\*  Fax  
Other\*  Email

\*All rush order requests must be prior approved.

Company Name: Budinger Associates Inc. Project Manager: S. Burchett  
Address: 1101 N Fancher Project Name & #: Normandie X17444  
City: Spokane Valley State: WA Zip: 99212 Email Address: sburchett@budingerinc.com  
Phone: 509-535-5811 Purchase Order #: \_\_\_\_\_  
Fax: \_\_\_\_\_ Sampler Name & phone: Teel / Taylor

Provide Sample Description				List Analyses Requested						Note Special Instructions/Comments	
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative: # of Containers	Sample Volume	HClD	PCRB & Methyl	VOC's	TPHDX		TPHGX+PSEX
	B12 19-21	9/7/17 7:30	S	2			X	X	X	X	
	B13 15-65	9/7/17 10:30	S	2			X	X			
	B13 16-105	9/7/17 10:45	S	2			X	X			
	B13 115-10	9/7/17 11:15	S	2			X	X			
	B13 115-215	9/7/17 11:30	S	2			X	X			
	B13 145-205	9/7/17 11:45	S	2			X	X			
	B13 215-315	9/7/17 12:10	S	2			X				

	Printed Name	Signature	Company	Date	Time
Relinquished by	John Taylor	<i>[Signature]</i>	B&A	9/7/17	15:00
Received by					
Relinquished by					
Received by	K Scott	<i>[Signature]</i>	Ormandie	9/7/17	11:05
Relinquished by					
Received by					

**Inspection Checklist**

Received Intact?  Y  N  
Labels & Chains Agree?  Y  N  
Containers Sealed?  Y  N  
VOC Head Space?  Y  N

Temperature (°C) 5.6 / 15.2  
Preservative: ice  
Date & Time: \_\_\_\_\_  
Inspected By: \_\_\_\_\_

*hand / cola / ice*

10k  
cas

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170911034  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170911034-002	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:45 PM		
<b>Client Sample ID</b>	B14 9.5-11.5	<b>Sampling Time</b>	8:40 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	9/23/2017 8:35:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/23/2017 8:35:00 PM	ARY	NWTPHDX	
%moisture	2.7	Percent		9/11/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170911034-002				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
hexacosane		NWTPHDX	81.0	50-150	

<b>Sample Number</b>	170911034-003	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:45 PM		
<b>Client Sample ID</b>	B14 14.5-16.5	<b>Sampling Time</b>	8:50 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	9/23/2017 9:31:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/23/2017 9:31:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/20/2017 7:06:00 PM	ACS	NWTPHG	
%moisture	2.6	Percent		9/11/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170911034-003				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
hexacosane		NWTPHDX	84.0	50-150	
4-Bromofluorobenzene		NWTPHG	90.5	70-130	

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170911034  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170911034-006	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:45 PM
<b>Client Sample ID</b>	B14 28.5-30.5	<b>Sampling Time</b>	9:35 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

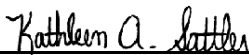
  

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	11.8	mg/Kg	1.06	10/6/2017 6:05:00 PM	KNP	EPA 6020A	
Barium	63.9	mg/Kg	1.06	10/6/2017 6:05:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	1.06	10/6/2017 6:05:00 PM	KNP	EPA 6020A	
Chromium	9.54	mg/Kg	1.06	10/6/2017 6:05:00 PM	KNP	EPA 6020A	
Lead	8.07	mg/Kg	1.06	10/6/2017 6:05:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.106	10/6/2017 6:05:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1.06	10/6/2017 6:05:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1.06	10/6/2017 6:05:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/23/2017 10:27:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/23/2017 10:27:00 PM	ARY	NWTPHDX	
%moisture	11.6	Percent		9/11/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170911034-006						
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	NWTPHDX	<b>Percent Recovery</b>	98.2	<b>Control Limits</b>	50-150

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

**Order ID:** 170911034

1101 N FANCHER RD

**Order Date:** 9/11/2017

SPOKANE VALLEY WA 99212

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170911034-001 **Customer Sample #:** B14 4.5-6.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:45:00 PM **Time Collected:** 8:25 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/8/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170911034-002 **Customer Sample #:** B14 9.5-11.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:45:00 PM **Time Collected:** 8:40 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/21/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/21/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170911034-003 **Customer Sample #:** B14 14.5-16.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:45:00 PM **Time Collected:** 8:50 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/21/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/21/2017	<b><u>Normal (~10 Days)</u></b>
TPHG-NW-SPO	S	NWTPHG	9/21/2017	<b><u>Normal (~10 Days)</u></b>
VOC 8260 SPO	S	EPA 8260C	9/21/2017	<b><u>Normal (~10 Days)</u></b>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170911034  
**Order Date:** 9/11/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170911034-004 **Customer Sample #:** B14 19.5-21.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:45:00 PM **Time Collected:** 9:05 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/8/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170911034-005 **Customer Sample #:** B14 24.5-26.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:45:00 PM **Time Collected:** 9:20 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/8/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170911034-006 **Customer Sample #:** B14 28.5-30.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:45:00 PM **Time Collected:** 9:35 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/21/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/21/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/21/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170911034  
**Order Date:** 9/11/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

### SAMPLE CONDITION RECORD

---

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	12.4/12.5
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	12



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
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**70911 034 BUDI** Last Due **9/21/2017**  
1st SAMP 9/8/2017 1st RCVD 9/8/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger, Inc.</b>	Project Manager: <b>Burchett</b>
Address: <b>1101 N. Fancher</b>	Project Name & #: <b>Normandie X17444</b>
City: <b>Spokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>535-8841</b>	Purchase Order #: <b>X17444</b>
Fax:	Sampler Name & phone: <b>Orchard / Teel</b>

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input checked="" type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

Provide Sample Description	List Analyses Requested	Note Special Instructions/Comments
----------------------------	-------------------------	------------------------------------

Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative		Sample Volume	Analyses Requested	Comments
				# of Containers	Sample Volume			
1	B14 4.5-6.5	9/8 08:25	S	2				See Attached
2	9.5-11.5	08:40	S	2				
3	14.5-16.5	08:50	S	2				
4	19.5-21.5	09:05	S	2				
5	24.5-26.5	09:20	S	2				
6	√ 28.5-30.5	√ 09:35	S	2				

**Inspection Checklist**

Received Intact?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Labels & Chains Agree?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Containers Sealed?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
VOC Head Space?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N

	Printed Name	Signature	Company	Date	Time
Relinquished by	Joe Orchard	<i>Joe Orchard</i>	B&A	9/8/17	1545
Received by	<i>Teel</i>	<i>Teel</i>	Anatek	9/8/17	1545
Relinquished by					
Received by					
Relinquished by					
Received by					

*hand / cool / ice*

Temperature (°C): *12.4 / 12.5 IR#1*

Preservative: *Ice*

Date & Time: *9-11-17 1608*

Inspected By: *WJG*



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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170911038  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170911038-002	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:48 PM		
<b>Client Sample ID</b>	B15 9.5-11.5	<b>Sampling Time</b>	11:40 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	9/23/2017 11:23:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/23/2017 11:23:00 PM	ARY	NWTPHDX	
%moisture	3.7	Percent		9/11/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170911038-002						
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	NWTPHDX	<b>Percent Recovery</b>	84.6	<b>Control Limits</b>	50-150

<b>Sample Number</b>	170911038-003	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:48 PM		
<b>Client Sample ID</b>	B15 14.5-16'3	<b>Sampling Time</b>	11:50 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	9/24/2017 12:18:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/24/2017 12:18:00 AM	ARY	NWTPHDX	
%moisture	1.9	Percent		9/11/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170911038-003						
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	NWTPHDX	<b>Percent Recovery</b>	85.2	<b>Control Limits</b>	50-150

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**Batch #:** 170911038  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170911038-006	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:48 PM		
<b>Client Sample ID</b>	B15 28-30	<b>Sampling Time</b>	12:40 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	9/24/2017 1:14:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/24/2017 1:14:00 AM	ARY	NWTPHDX	
%moisture	7	Percent		9/11/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170911038-006			
Surrogate Standard	Method	Percent Recovery	Control Limits	
hexacosane	NWTPHDX	89.2	50-150	

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**Batch #:** 170911038  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170911038-008	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:48 PM
<b>Client Sample ID</b>	B16 9.5-11.5	<b>Sampling Time</b>	2:55 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	6.28	mg/Kg	1	10/6/2017 6:08:00 PM	KNP	EPA 6020A	
Barium	87.3	mg/Kg	1	10/6/2017 6:08:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	1	10/6/2017 6:08:00 PM	KNP	EPA 6020A	
Chromium	12.0	mg/Kg	1	10/6/2017 6:08:00 PM	KNP	EPA 6020A	
Lead	9.54	mg/Kg	1	10/6/2017 6:08:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.1	10/6/2017 6:08:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1	10/6/2017 6:08:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1	10/6/2017 6:08:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/24/2017 2:09:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/24/2017 2:09:00 AM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/16/2017 6:29:00 PM	ACS	NWTPHG	
%moisture	3	Percent		9/11/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170911038-008		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane	NWTPHDX	78.8	50-150
4-Bromofluorobenzene	NWTPHG	83.1	70-130

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**Batch #:** 170911038  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170911038-009      **Sampling Date** 9/8/2017      **Date/Time Received** 9/8/2017 3:48 PM  
**Client Sample ID** B16 14.5-16.5      **Sampling Time** 3:05 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**


Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	7.80	mg/Kg	0.97	10/6/2017 6:12:00 PM	KNP	EPA 6020A	
Barium	63.3	mg/Kg	0.97	10/6/2017 6:12:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.97	10/6/2017 6:12:00 PM	KNP	EPA 6020A	
Chromium	13.6	mg/Kg	0.97	10/6/2017 6:12:00 PM	KNP	EPA 6020A	
Lead	13.1	mg/Kg	0.97	10/6/2017 6:12:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.097	10/6/2017 6:12:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.97	10/6/2017 6:12:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.97	10/6/2017 6:12:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/24/2017 3:05:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/24/2017 3:05:00 AM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/15/2017 9:38:00 PM	ACS	NWTPHG	
%moisture	7.3	Percent		9/11/2017	ACS	%moisture	

## Surrogate Data

**Sample Number** 170911038-009

Surrogate Standard	Method	Percent Recovery	Control Limits
hexacosane	NWTPHDX	89.0	50-150
4-Bromofluorobenzene	NWTPHG	85.0	70-130

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

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**Attn:** STEVE BURCHETT

**Batch #:** 170911038  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170911038-008	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:48 PM
<b>Client Sample ID</b>	B16 9.5-11.5	<b>Sampling Time</b>	2:55 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; NV:ID00013; OR:ID200001-002; WA:C595  
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170911038  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170911038-008	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:48 PM
<b>Client Sample ID</b>	B16 9.5-11.5	<b>Sampling Time</b>	2:55 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chlorobenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	9/14/2017 9:10:00 PM	ACS	EPA 8260C	
%moisture	3	Percent		9/11/2017	ACS	%moisture	

# Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170911038  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

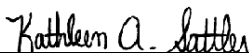
<b>Sample Number</b>	170911038-008	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:48 PM
<b>Client Sample ID</b>	B16 9.5-11.5	<b>Sampling Time</b>	2:55 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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### Surrogate Data

<b>Sample Number</b>	170911038-008				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C	106.6	70-130	
4-Bromofluorobenzene		EPA 8260C	96.8	70-130	
Toluene-d8		EPA 8260C	100.8	70-130	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170911038

**Order Date:** 9/11/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170911038-001 **Customer Sample #:** B15 4.5-6.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017  
**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 11:20 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/8/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170911038-002 **Customer Sample #:** B15 9.5-11.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017  
**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 11:40 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/21/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/21/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170911038-003 **Customer Sample #:** B15 14.5-16'3

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017  
**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 11:50 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/21/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/21/2017	<b><u>Normal (~10 Days)</u></b>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170911038  
**Order Date:** 9/11/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170911038-004 **Customer Sample #:** B15 19.5-21.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 12:15 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/8/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170911038-005 **Customer Sample #:** B15 24.5-26.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 12:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/8/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170911038-006 **Customer Sample #:** B15 28-30

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 12:40 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/21/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/21/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170911038-007 **Customer Sample #:** B16 4.5-6.0

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 2:35 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/8/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170911038  
**Order Date:** 9/11/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170911038-008 **Customer Sample #:** B16 9.5-11.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 2:55 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/21/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/21/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/21/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/21/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/21/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170911038-009 **Customer Sample #:** B16 14.5-16.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/8/2017

**Quantity:** 2 **Date Received:** 9/8/2017 3:48:00 PM **Time Collected:** 3:05 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/21/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/21/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/21/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/21/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/21/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170911038  
**Order Date:** 9/11/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

Selenium	S	EPA 6020A	9/21/2017	<u><b>Normal (~10 Days)</b></u>
Silver	S	EPA 6020A	9/21/2017	<u><b>Normal (~10 Days)</b></u>
TOTAL 8	S	N/A	9/21/2017	<u><b>Normal (~10 Days)</b></u>

**SAMPLE CONDITION RECORD**

---

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	12.4/12.5
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	18



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70911 038 BUDI** Last Due **9/21/2017**  
1st SAMP 9/8/2017 1st RCVD 9/8/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger &amp; Associates Inc.</b>	Project Manager: <b>S. Burchett</b>
Address: <b>1101 N. Fancher</b>	Project Name & #: <b>Normandie X17444</b>
City: <b>Spokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>509-535-8841</b>	Purchase Order #: <b>X17444</b>
Fax:	Sampler Name & phone: <b>Taylor/Teel</b>

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input checked="" type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

**Provide Sample Description      List Analyses Requested**

Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative		List Analyses Requested
				# of Containers	Sample Volume	
1	B15 4.5-6.5	9/8/17 11:30	S	2		See attached
2	↓ 9.5-11.5	↓ 11:40	S	2		
3	↓ 14.5-16.3"	↓ 11:50	S	2		
4	↓ 19.5-21.5	↓ 12:15	S	2		
5	↓ 24.5-26.5	↓ 12:30	S	2		
6	↓ 28-30	↓ 12:40	S	2		
7	B16 4.5-6.0	9/8/17 14:35	S	2		
8	↓ 9.5-11.5	↓ 14:55	S	2		
9	↓ 14.5-16.5	↓ 15:05	S	2		

**Note Special Instructions/Comments**

	Printed Name	Signature	Company	Date	Time
Relinquished by	Joel Orchard	<i>Joel Orchard</i>	B&A	9/8/17	1545
Received by	Scott	<i>Scott</i>	Anatek	9/8/17	1548
Relinquished by					
Received by					
Relinquished by					
Received by					

**Inspection Checklist**

Received Intact?	<input checked="" type="checkbox"/> Y	N
Labels & Chains Agree?	<input checked="" type="checkbox"/> Y	N
Containers Sealed?	<input checked="" type="checkbox"/> Y	N
VOC Head Space?	<input checked="" type="checkbox"/> Y	N
Temperature (°C):	hd/coolant/ice 12.4/12.5° 12:41	
Preservative:	ice	
Date & Time:	9-11-17 1100	
Inspected By:	W/26	



### Chain of Custody Record

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E. Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70911 038 BUDI** Last Due **9/21/2017**  
 1st SAMP 9/8/2017 1st RCVD 9/8/2017  
**ORMANDIE X17444**

Company Name: <b>Budinger &amp; Associates Inc.</b>				Project Manager: <b>S. Burchett</b>				<b>Turn Around Time &amp; Reporting</b>			
Address: <b>1101 N. Faucher</b>				Project Name & #: <b>Normandie X17444</b>				Please refer to our normal turn around times at <a href="http://www.anatek-labs.com/services/guidelinesreporting.asp">http://www.anatek-labs.com/services/guidelinesreporting.asp</a> <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Phone <input type="checkbox"/> Next Day <input type="checkbox"/> Mail <input type="checkbox"/> 2nd Day <input type="checkbox"/> Fax <input type="checkbox"/> Other <input type="checkbox"/> Email *All rush order requests must be prior approved			
City: <b>Spokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>				Email Address: <b>sburchett@budingerinc.com</b>							
Phone: <b>509-535-8841</b>				Purchase Order #: <b>X17444</b>							
Fax:				Sampler Name & phone: <b>Taylor/Teel</b>							
Provide Sample Description				List Analyses Requested							
Lac ID	Sample Identification	Sampling Date/Time	Matrix	# of Containers	Sample Volume	TPH DX	TPH G	VOC S	PCRA B		
	B15 4.5-6.5	9/8/17 11:20	S	2							
	9.5-11.5	11:40	S	2		X					
	14.5-16.5	11:50	S	2		X					
	19.5-21.5	12:15	S	2							
	24.5-26.5	12:30	S	2							
	28-30	12:40	S	2		X					
	B16 4.5-6.0	9/8/17 14:35	S	2							
	9.5-11.5	14:55	S	2		X	X	X	X		
	14.5-16.5	15:05	S	2		X	X	X	X		
Reinquished by: <b>Joe Orchard</b>				Signature: <i>[Signature]</i>		Company: <b>B&amp;A</b>		Date: <b>9/8/17</b>		Time: <b>1545</b>	
Received by: <b>Scott</b>				Signature: <i>[Signature]</i>		Company: <b>Unatex</b>		Date: <b>9/8/17</b>		Time: <b>1548</b>	
Reinquished by:				Signature:		Company:		Date:		Time:	
Received by:				Signature:		Company:		Date:		Time:	
Reinquished by:				Signature:		Company:		Date:		Time:	
Received by:				Signature:		Company:		Date:		Time:	

Inspection Checklist	
Received Intact?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Labels & Chains Agree?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Containers Sealed?	<input type="checkbox"/> Y <input type="checkbox"/> N
VOC Head Space?	<input type="checkbox"/> Y <input type="checkbox"/> N
Temperature (°C):	<b>12.4 / 12.50</b> <i>[initials]</i>
Preservative:	<b>ice</b>
Date & Time:	
Inspected By:	

# Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170912003-002	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM		
<b>Client Sample ID</b>	B17 9.5-11.5	<b>Sampling Time</b>	11:15 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	9/24/2017 9:32:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/24/2017 9:32:00 AM	ARY	NWTPHDX	
%moisture	3.5	Percent		9/19/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912003-002	<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
<b>Surrogate Standard</b>	hexacosane	NWTPHDX		86.8		50-150	
<b>Sample Number</b>	170912003-003	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM		
<b>Client Sample ID</b>	B17 14.5-16.0	<b>Sampling Time</b>	11:30 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	9/24/2017 10:27:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/24/2017 10:27:00 AM	ARY	NWTPHDX	
%moisture	3.8	Percent		9/19/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912003-003	<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
<b>Surrogate Standard</b>	hexacosane	NWTPHDX		88.6		50-150	

# Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170912003-005	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM		
<b>Client Sample ID</b>	B17 24.5-26.5	<b>Sampling Time</b>		<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	125	9/30/2017 5:09:00 AM	ARY	NWTPHDX	
Lube Oil	1700	mg/kg	500	9/30/2017 5:09:00 AM	ARY	NWTPHDX	
%moisture	2.8	Percent		9/19/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912003-005			
Surrogate Standard	Method	Percent Recovery	Control Limits	
hexacosane	NWTPHDX	114.4	50-150	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170912003-006	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM		
<b>Client Sample ID</b>	B18 4.5-6.5	<b>Sampling Time</b>	2:15 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.84	mg/Kg	0.46	10/13/2017 7:13:00 PM	KNP	EPA 6020A	
Barium	32.1	mg/Kg	0.46	10/13/2017 7:13:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.46	10/13/2017 7:13:00 PM	KNP	EPA 6020A	
Chromium	10.1	mg/Kg	0.46	10/13/2017 7:13:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/24/2017 12:19:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/24/2017 12:19:00 PM	ARY	WATPH-HCID	
Lube Oil	400	mg/kg	100	9/24/2017 12:19:00 PM	ARY	WATPH-HCID	
Lead	6.93	mg/Kg	0.46	10/13/2017 7:13:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.046	10/13/2017 7:13:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.46	10/13/2017 7:13:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.46	10/13/2017 7:13:00 PM	KNP	EPA 6020A	
%moisture	1.8	Percent		9/19/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912003-006			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	99.4	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170912003-007	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM		
<b>Client Sample ID</b>	B18 9.5-11.5	<b>Sampling Time</b>	2:45 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	9/24/2017 1:15:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/24/2017 1:15:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/24/2017 1:15:00 PM	ARY	WATPH-HCID	
%moisture	3.6	Percent		9/19/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912003-007	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
<b>Surrogate Standard</b>	hexacosane	WATPH-HCID	100.8	50-150

<b>Sample Number</b>	170912003-008	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM		
<b>Client Sample ID</b>	B18 14.5-16.5	<b>Sampling Time</b>	3:10 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	9/24/2017 2:12:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/24/2017 2:12:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/24/2017 2:12:00 PM	ARY	WATPH-HCID	
%moisture	3.3	Percent		9/19/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912003-008	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
<b>Surrogate Standard</b>	hexacosane	WATPH-HCID	99.4	50-150

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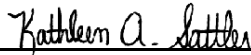
---

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170912003-002	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM
<b>Client Sample ID</b>	B17 9.5-11.5	<b>Sampling Time</b>	11:15 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; NV:ID00013; OR:ID200001-002; WA:C595  
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170912003-002	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM
<b>Client Sample ID</b>	B17 9.5-11.5	<b>Sampling Time</b>	11:15 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chlorobenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	9/14/2017 10:09:00 PM	ACS	EPA 8260C	
%moisture	3.5	Percent		9/19/2017	ACS	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

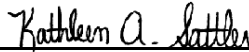
<b>Sample Number</b>	170912003-002	<b>Sampling Date</b>	9/11/2017	<b>Date/Time Received</b>	9/12/2017 9:00 AM
<b>Client Sample ID</b>	B17 9.5-11.5	<b>Sampling Time</b>	11:15 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170912003-002						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		103.0		70-130	
4-Bromofluorobenzene		EPA 8260C		95.6		70-130	
Toluene-d8		EPA 8260C		101.0		70-130	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

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Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

**Order ID:** 170912003

1101 N FANCHER RD

**Order Date:** 9/12/2017

SPOKANE VALLEY WA 99212

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170912003-001 **Customer Sample #:** B17 4.5-6.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/11/2017

**Quantity:** 2 **Date Received:** 9/12/2017 9:00:00 AM **Time Collected:** 11:00 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/22/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170912003-002 **Customer Sample #:** B17 9.5-11.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/11/2017

**Quantity:** 2 **Date Received:** 9/12/2017 9:00:00 AM **Time Collected:** 11:15 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/22/2017	<b><u>Normal (~10 Days)</u></b>
VOC 8260 SPO	S	EPA 8260C	9/22/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170912003-003 **Customer Sample #:** B17 14.5-16.0

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/11/2017

**Quantity:** 2 **Date Received:** 9/12/2017 9:00:00 AM **Time Collected:** 11:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/22/2017	<b><u>Normal (~10 Days)</u></b>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170912003  
**Order Date:** 9/12/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170912003-004 **Customer Sample #:** B17 19.5-20.0

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/11/2017

**Quantity:** 2 **Date Received:** 9/12/2017 9:00:00 AM **Time Collected:** 12:00 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/22/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170912003-005 **Customer Sample #:** B17 24.5-26.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/11/2017

**Quantity:** 2 **Date Received:** 9/12/2017 9:00:00 AM **Time Collected:**

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/22/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170912003-006 **Customer Sample #:** B18 4.5-6.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/11/2017

**Quantity:** 2 **Date Received:** 9/12/2017 9:00:00 AM **Time Collected:** 2:15 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/22/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/22/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170912003  
**Order Date:** 9/12/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170912003-007 **Customer Sample #:** B18 9.5-11.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/11/2017

**Quantity:** 2 **Date Received:** 9/12/2017 9:00:00 AM **Time Collected:** 2:45 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<b><u>Normal (~10 Days)</u></b>
HCID	S	WATPH-HCID	9/22/2017	<b><u>Normal (~10 Days)</u></b>

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**Sample #:** 170912003-008 **Customer Sample #:** B18 14.5-16.5

**Recv'd:**  **Matrix:** Soil **Collector:** M TEEL **Date Collected:** 9/11/2017

**Quantity:** 2 **Date Received:** 9/12/2017 9:00:00 AM **Time Collected:** 3:10 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<b><u>Normal (~10 Days)</u></b>
HCID	S	WATPH-HCID	9/22/2017	<b><u>Normal (~10 Days)</u></b>

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### SAMPLE CONDITION RECORD

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Samples received in a cooler?	No
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	1.3/1.4
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	16



### Chain of Custody Record

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70912 003 BUDI** Last Due **9/22/2017**  
1st SAMP 9/11/2017 1st RCVD 9/12/2017  
**NORMANDIE X17444**

Company Name: <b>BUDINGER</b>		Project Manager: <b>S. BURCHETT</b>	
Address: <b>1101 N FAUCHER</b>		Project Name & #: <b>NORMANDIE X17444</b>	
City: <b>SPokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>		
Phone: <b>535-8841</b>	Purchase Order #:		
Fax:	Sampler Name & phone: <b>TEEL</b>		

Turn Around Time & Reporting

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input type="checkbox"/> Normal	<input type="checkbox"/> *All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

Provide Sample Description				List Analyses Requested							Note Special Instructions/Comments				
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative:		HClD	TPHDX	TPHG	VOCs	RCRAD					
				# of Containers	Sample Volume										
1	B17 4.5-6.5	9/11/17 11:00	S	2											
2	↓ 9.5-11.5	↓ 11:15	↓ S	2			X		X						
3	↓ 14.5-16.0	↓ 11:30	↓ S	2			X								
4	↓ 19.5-20.0	↓ 12:00	↓ S	2			X								
5	↓ 24.5-26.5	↓	↓ S	2			X								
6	B18 4.5-6.5	9/11/17 14:15	S	2		X				X					
7	↓ 9.5-11.5	↓ 14:45	↓ S	2		X									
8	↓ 14.5-16.5	↓ 15:10	↓ S	2		X									

Inspection Checklist	
Received Intact?	<input checked="" type="radio"/> Y <input type="radio"/> N
Labels & Chains Agree?	<input checked="" type="radio"/> Y <input type="radio"/> N
Containers Sealed?	<input checked="" type="radio"/> Y <input type="radio"/> N
VOC Head Space?	<input checked="" type="radio"/> Y <input type="radio"/> N
w/n/c/n/i	
Temperature (°C):	1.3/1.4 11.4
Preservative:	---
Date & Time:	9-12-17 0900
Inspected By:	W/ty

	Printed Name	Signature	Company	Date	Time
Relinquished by	MIKE TEEL	<i>Mike Teel</i>	B&A	9/12/17	17:40
Received by	Alice Burchett	<i>ABurchett</i>	B+A	9/12/17	8:40
Relinquished by	Alice Burchett	<i>ABurchett</i>	B+A	9/12/17	9:00
Received by	Wendy Oz	<i>Wendy Oz</i>	Ana Tek	9/12/17	0900
Relinquished by					
Received by					

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 504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
 SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-001	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	A GRASSY SWALE 1	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	12.1	mg/Kg	0.435	10/13/2017 7:46:00 PM	KNP	EPA 6020A	
Barium	82.8	mg/Kg	0.435	10/13/2017 7:46:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.435	10/13/2017 7:46:00 PM	KNP	EPA 6020A	
Chromium	16.9	mg/Kg	0.435	10/13/2017 7:46:00 PM	KNP	EPA 6020A	
Lead	30.8	mg/Kg	0.435	10/13/2017 7:46:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0435	10/13/2017 7:46:00 PM	KNP	EPA 6020A	
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	9/20/2017 5:05:00 PM	ARY	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	9/20/2017 5:05:00 PM	ARY	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	9/20/2017 5:05:00 PM	ARY	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	9/20/2017 5:05:00 PM	ARY	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	9/20/2017 5:05:00 PM	ARY	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	9/20/2017 5:05:00 PM	ARY	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	9/20/2017 5:05:00 PM	ARY	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	9/20/2017 5:05:00 PM	ARY	EPA 8082	
Selenium	ND	mg/Kg	0.435	10/13/2017 7:46:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.435	10/13/2017 7:46:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	10/10/2017 2:41:00 AM	ARY	NWTPHDX	
Lube Oil	431	mg/kg	100	10/10/2017 2:41:00 AM	ARY	NWTPHDX	C9
%moisture	2.6	Percent		9/18/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912100-001		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
DCB	EPA 8082	72.0	30-130
hexacosane	NWTPHDX	73.4	50-150

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**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-002	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	B GRASSY SWALE 2	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	12.0	mg/Kg	0.522	10/13/2017 7:53:00 PM	KNP	EPA 6020A	
Barium	69.5	mg/Kg	0.522	10/13/2017 7:53:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.522	10/13/2017 7:53:00 PM	KNP	EPA 6020A	
Chromium	12.3	mg/Kg	0.522	10/13/2017 7:53:00 PM	KNP	EPA 6020A	
Lead	25.9	mg/Kg	0.522	10/13/2017 7:53:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0522	10/13/2017 7:53:00 PM	KNP	EPA 6020A	
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	9/20/2017 5:23:00 PM	ARY	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	9/20/2017 5:23:00 PM	ARY	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	9/20/2017 5:23:00 PM	ARY	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	9/20/2017 5:23:00 PM	ARY	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	9/20/2017 5:23:00 PM	ARY	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	9/20/2017 5:23:00 PM	ARY	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	9/20/2017 5:23:00 PM	ARY	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	9/20/2017 5:23:00 PM	ARY	EPA 8082	
Selenium	ND	mg/Kg	0.522	10/13/2017 7:53:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.522	10/13/2017 7:53:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/24/2017 5:58:00 PM	ARY	NWTPHDX	
Lube Oil	372	mg/kg	100	9/24/2017 5:58:00 PM	ARY	NWTPHDX	
%moisture	3.4	Percent		9/18/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912100-002			
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
DCB	EPA 8082	55.0	30-130	
hexacosane	NWTPHDX	68.4	50-150	

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**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-003	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	C GRASSY SWALE 3	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	15.9	mg/Kg	0.461	10/13/2017 8:00:00 PM	KNP	EPA 6020A	
Barium	65.9	mg/Kg	0.461	10/13/2017 8:00:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.461	10/13/2017 8:00:00 PM	KNP	EPA 6020A	
Chromium	12.4	mg/Kg	0.461	10/13/2017 8:00:00 PM	KNP	EPA 6020A	
Lead	13.0	mg/Kg	0.461	10/13/2017 8:00:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0461	10/13/2017 8:00:00 PM	KNP	EPA 6020A	
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	10/10/2017 5:59:00 PM	ARY	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	10/10/2017 5:59:00 PM	ARY	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	10/10/2017 5:59:00 PM	ARY	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	10/10/2017 5:59:00 PM	ARY	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	10/10/2017 5:59:00 PM	ARY	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	10/10/2017 5:59:00 PM	ARY	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	10/10/2017 5:59:00 PM	ARY	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	10/10/2017 5:59:00 PM	ARY	EPA 8082	
Selenium	ND	mg/Kg	0.461	10/13/2017 8:00:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.461	10/13/2017 8:00:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/25/2017 12:33:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/25/2017 12:33:00 AM	ARY	NWTPHDX	
%moisture	3	Percent		9/18/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912100-003		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
DCB	EPA 8082	72.0	30-130
hexacosane	NWTPHDX	84.2	50-150

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**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-004	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	D GRATED DRAIN 1	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.22	mg/Kg	0.518	10/13/2017 8:34:00 PM	KNP	EPA 6020A	
Barium	84.4	mg/Kg	0.518	10/13/2017 8:34:00 PM	KNP	EPA 6020A	
Cadmium	0.685	mg/Kg	0.518	10/13/2017 8:34:00 PM	KNP	EPA 6020A	
Chromium	15.1	mg/Kg	0.518	10/13/2017 8:34:00 PM	KNP	EPA 6020A	
Lead	46.7	mg/Kg	0.518	10/13/2017 8:34:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0518	10/13/2017 8:34:00 PM	KNP	EPA 6020A	
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	10/10/2017 6:16:00 PM	ARY	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	10/10/2017 6:16:00 PM	ARY	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	10/10/2017 6:16:00 PM	ARY	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	10/10/2017 6:16:00 PM	ARY	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	10/10/2017 6:16:00 PM	ARY	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	10/10/2017 6:16:00 PM	ARY	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	10/10/2017 6:16:00 PM	ARY	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	10/10/2017 6:16:00 PM	ARY	EPA 8082	
Selenium	ND	mg/Kg	0.518	10/13/2017 8:34:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.518	10/13/2017 8:34:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	125	9/30/2017 1:26:00 AM	ARY	NWTPHDX	
Lube Oil	962	mg/kg	500	9/30/2017 1:26:00 AM	ARY	NWTPHDX	
%moisture	18.6	Percent		9/18/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912100-004		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
DCB	EPA 8082	63.0	30-130
hexacosane	NWTPHDX	108.6	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-005	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	E GRATED DRAIN 2	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	7.77	mg/Kg	0.629	10/13/2017 8:41:00 PM	KNP	EPA 6020A	
Barium	113	mg/Kg	0.629	10/13/2017 8:41:00 PM	KNP	EPA 6020A	
Cadmium	2.41	mg/Kg	0.629	10/13/2017 8:41:00 PM	KNP	EPA 6020A	
Chromium	23.2	mg/Kg	0.629	10/13/2017 8:41:00 PM	KNP	EPA 6020A	
Lead	112	mg/Kg	0.629	10/13/2017 8:41:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	0.134	mg/Kg	0.0629	10/13/2017 8:41:00 PM	KNP	EPA 6020A	
Aroclor 1016 (PCB-1016)	ND	mg/Kg	0.1	10/10/2017 6:34:00 PM	ARY	EPA 8082	
Aroclor 1221 (PCB-1221)	ND	mg/Kg	0.1	10/10/2017 6:34:00 PM	ARY	EPA 8082	
Aroclor 1232 (PCB-1232)	ND	mg/Kg	0.1	10/10/2017 6:34:00 PM	ARY	EPA 8082	
Aroclor 1242 (PCB-1242)	ND	mg/Kg	0.1	10/10/2017 6:34:00 PM	ARY	EPA 8082	
Aroclor 1248 (PCB-1248)	ND	mg/Kg	0.1	10/10/2017 6:34:00 PM	ARY	EPA 8082	
Aroclor 1254 (PCB-1254)	ND	mg/Kg	0.1	10/10/2017 6:34:00 PM	ARY	EPA 8082	
Aroclor 1260 (PCB-1260)	ND	mg/Kg	0.1	10/10/2017 6:34:00 PM	ARY	EPA 8082	
PCB 8082 (total)	ND	mg/kg	0.1	10/10/2017 6:34:00 PM	ARY	EPA 8082	
Selenium	ND	mg/Kg	0.629	10/13/2017 8:41:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.629	10/13/2017 8:41:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	125	9/30/2017 2:22:00 AM	ARY	NWTPHDX	
Lube Oil	1860	mg/kg	500	9/30/2017 2:22:00 AM	ARY	NWTPHDX	
%moisture	24.2	Percent		9/18/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170912100-005			
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
DCB	EPA 8082	66.0	30-130	
hexacosane	NWTPHDX	100.6	50-150	

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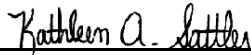
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**Address:** 1101 N FANCHER RD  
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**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-001	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	A GRASSY SWALE 1	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	80	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	80	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; NV:ID00013; OR:ID200001-002; WA:C595  
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

# Anatek Labs, Inc.

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-001	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	A GRASSY SWALE 1	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chlorobenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	32	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	80	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	80	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	16	9/21/2017 8:34:00 PM	ACS	EPA 8260C	
%moisture	2.6	Percent		9/18/2017	ACS	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-001	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	A GRASSY SWALE 1	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170912100-001						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		102.8		70-130	
4-Bromofluorobenzene		EPA 8260C		93.6		70-130	
Toluene-d8		EPA 8260C		101.2		70-130	

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**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-002	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	B GRASSY SWALE 2	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	80	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	80	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	

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**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-002	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	B GRASSY SWALE 2	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	32	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	80	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	80	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Naphthalene	35.2	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	16	9/21/2017 9:03:00 PM	ACS	EPA 8260C	
%moisture	3.4	Percent		9/18/2017	ACS	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-002	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	B GRASSY SWALE 2	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170912100-002						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		105.0		70-130	
4-Bromofluorobenzene		EPA 8260C		94.4		70-130	
Toluene-d8		EPA 8260C		101.2		70-130	

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**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-003	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	C GRASSY SWALE 3	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-003	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	C GRASSY SWALE 3	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	9/21/2017 9:33:00 PM	ACS	EPA 8260C	
%moisture	3	Percent		9/18/2017	ACS	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-003	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	C GRASSY SWALE 3	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170912100-003						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		100.6		70-130	
4-Bromofluorobenzene		EPA 8260C		94.2		70-130	
Toluene-d8		EPA 8260C		100.6		70-130	

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**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-004	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	D GRATED DRAIN 1	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	53.5	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	53.5	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	

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**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-004	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	D GRATED DRAIN 1	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	21.4	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	53.5	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	53.5	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10.7	9/21/2017 10:02:00 PM	ACS	EPA 8260C	
%moisture	18.6	Percent		9/18/2017	ACS	%moisture	

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**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-004	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	D GRATED DRAIN 1	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170912100-004						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		104.0		70-130	
4-Bromofluorobenzene		EPA 8260C		95.4		70-130	
Toluene-d8		EPA 8260C		100.2		70-130	

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**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-005	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	E GRATED DRAIN 2	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	58.5	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	58.5	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	

# Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170912100-005	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	E GRATED DRAIN 2	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	23.4	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	58.5	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	58.5	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	11.7	9/21/2017 10:31:00 PM	ACS	EPA 8260C	
%moisture	24.2	Percent		9/18/2017	ACS	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170912100  
**Project Name:** X17444

## Analytical Results Report

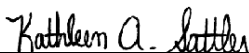
<b>Sample Number</b>	170912100-005	<b>Sampling Date</b>	9/12/2017	<b>Date/Time Received</b>	9/12/2017 12:01 PM
<b>Client Sample ID</b>	E GRATED DRAIN 2	<b>Sampling Time</b>		<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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### Surrogate Data

<b>Sample Number</b>	170912100-005						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		102.2		70-130	
4-Bromofluorobenzene		EPA 8260C		93.6		70-130	
Toluene-d8		EPA 8260C		100.0		70-130	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

**Order ID:** 170912100

1101 N FANCHER RD

**Order Date:** 9/12/2017

SPOKANE VALLEY WA 99212

**Contact Name:** STEVE BURCHETT

**Project Name:** X17444

**Comment:**

---

**Sample #:** 170912100-001 **Customer Sample #:** A GRASSY SWALE 1

**Recv'd:**  **Matrix:** Soil **Collector:** **Date Collected:** 9/12/2017

**Quantity:** 2 **Date Received:** 9/12/2017 12:01:00 PM **Time Collected:**

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<u>Normal (~10 Days)</u>
PCB 8082	S	EPA 8082	9/22/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/22/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/22/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/22/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170912100-002 **Customer Sample #:** B GRASSY SWALE 2

**Recv'd:**  **Matrix:** Soil **Collector:** **Date Collected:** 9/12/2017

**Quantity:** 2 **Date Received:** 9/12/2017 12:01:00 PM **Time Collected:**

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<u>Normal (~10 Days)</u>
PCB 8082	S	EPA 8082	9/22/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/22/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
 1101 N FANCHER RD  
 SPOKANE VALLEY WA 99212

**Order ID:** 170912100  
**Order Date:** 9/12/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** X17444

**Comment:**

VOC 8260 SPO	S	EPA 8260C	9/22/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/22/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170912100-003 **Customer Sample #:** C GRASSY SWALE 3

**Recv'd:**  **Matrix:** Soil **Collector:** **Date Collected:** 9/12/2017  
**Quantity:** 2 **Date Received:** 9/12/2017 12:01:00 PM **Time Collected:**

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<u>Normal (~10 Days)</u>
PCB 8082	S	EPA 8082	9/22/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/22/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/22/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/22/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170912100  
**Order Date:** 9/12/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** X17444

**Comment:**

---

**Sample #:** 170912100-004 **Customer Sample #:** D GRATED DRAIN 1

**Recv'd:**  **Matrix:** Soil **Collector:** **Date Collected:** 9/12/2017

**Quantity:** 2 **Date Received:** 9/12/2017 12:01:00 PM **Time Collected:**

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<u>Normal (~10 Days)</u>
PCB 8082	S	EPA 8082	9/22/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/22/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/22/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/22/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170912100-005 **Customer Sample #:** E GRATED DRAIN 2

**Recv'd:**  **Matrix:** Soil **Collector:** **Date Collected:** 9/12/2017

**Quantity:** 2 **Date Received:** 9/12/2017 12:01:00 PM **Time Collected:**

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/22/2017	<u>Normal (~10 Days)</u>
PCB 8082	S	EPA 8082	9/22/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/22/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/22/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/22/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170912100  
**Order Date:** 9/12/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** X17444

**Comment:**

Selenium	S	EPA 6020A	9/22/2017	<b><u>Normal (~10 Days)</u></b>
Silver	S	EPA 6020A	9/22/2017	<b><u>Normal (~10 Days)</u></b>
TOTAL 8	S	N/A	9/22/2017	<b><u>Normal (~10 Days)</u></b>

**SAMPLE CONDITION RECORD**

---

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	19.1/19.2
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	10



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

70912 100 **BUDI** Last Due **9/22/2017**  
 1st SAMP 9/12/2017 1st RCVD 9/12/2017  
 17444

Company Name: <b>Budinger &amp; Associates</b>	Project Manager: <b>Steve Burchett</b>
Address: <b>1101 N. Fancher</b>	Project Name & #: <b>X17444</b>
City: <b>Spokane Valley WA</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>509 535 8841</b>	Purchase Order #: <b>X17444</b>
Fax:	Sampler Name & phone:

Turn Around Time & Reporting

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

Normal  
 Next Day\*  
 2nd Day\*  
 Other\*

\*All rush order requests must be prior approved.

Phone  
 Mail  
 Fax  
 Email

Provide Sample Description				List Analyses Requested				Note Special Instructions/Comments				
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative	# of Containers	Sample Volume						
							<i>See attached</i>					
	<b>A Grassy Swale 1</b>	<b>12 Sep 17</b>	<b>Soil</b>		<b>2</b>							
	<b>B Grassy Swale 2</b>	<b>12 Sep 17</b>	<b>Soil</b>		<b>2</b>							
	<b>C Grassy Swale 3</b>	<b>12 Sep 17</b>	<b>Soil</b>		<b>2</b>							
	<b>D Grated Drain 1</b>	<b>12 Sep 17</b>	<b>Soil</b>		<b>2</b>							
	<b>E Grated Drain 2</b>	<b>12 Sep 17</b>	<b>Soil</b>		<b>2</b>							

**Inspection Checklist**

Received Intact?  Y  N  
 Labels & Chains Agree?  Y  N  
 Containers Sealed?  Y  N  
 VOC Head Space?  Y  N

*Hand / Cool*

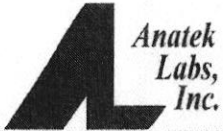
Temperature (°C): **19.1° / 19.2° 1R#1**

Preservative: **Ice**

Date & Time: **9-12-17 1640**

Inspected By: **Meg**

	Printed Name	Signature	Company	Date	Time
Relinquished by	<b>Calen Busch</b>	<i>Calen Busch</i>	<b>Budinger</b>	<b>9/12/17</b>	
Received by	<b>KScott</b>	<i>K Scott</i>	<b>Anatek</b>	<b>9/12/17</b>	<b>1201</b>
Relinquished by					
Received by					
Relinquished by					
Received by					



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

70912 100 **BUDI** Last Due 9/22/2017  
 1st SAMP 9/12/2017 1st RCVD 9/12/2017  
 17444

Company Name: <i>Bullinger &amp; Associates</i>	Project Manager: <i>Jove Bennett</i>	<div style="border: 1px solid black; padding: 5px;"> <b>Turn Around Time &amp; Reporting</b>          Please refer to our normal turn around times at:  <a href="http://www.anateklabs.com/services/guidelines/reporting.asp">http://www.anateklabs.com/services/guidelines/reporting.asp</a>  <input type="checkbox"/> Normal <input type="checkbox"/> *All rush order requests must be prior approved. <input type="checkbox"/> Phone  <input type="checkbox"/> Next Day* <input type="checkbox"/> Mail  <input type="checkbox"/> 2nd Day* <input type="checkbox"/> Fax  <input type="checkbox"/> Other* <input type="checkbox"/> Email       </div>
Address: <i>1101 N Funcher</i>	Project Name & #: <i>X17444</i>	
City: <i>Spokane Valley WA</i> State: <i>WA</i> Zip: <i>99212</i>	Email Address: <i>j.bennett@bullinger.com</i>	
Phone: <i>509 535 8071</i>	Purchase Order #: <i>X17444</i>	
Fax:	Sampler Name & phone:	

Provide Sample Description				List Analyses Requested							Note Special Instructions/Comments	
Lab ID	Sample Identification	Sampling Date/Time	Matrix	# of Containers	Sample Volume	HCID	TPH DX	TPH G	VOC'S	PAH'S		PCB'S
A				2			X	X	X	X	X	X
B				2			X	X	X	X	X	X
C				2			X	X	X	X	X	X
D				2			X	X	X	X	X	X
E				2			X	X	X	X	X	X

**Inspection Checklist**

Received Intact?  Y  N

Labels & Chains Agree?  Y  N

Containers Sealed?  Y  N

VOC Head Space?  Y  N

*hand written*

Temperature (°C): *19.12 / 19.2° 18/11*

Preservative: *Ice*

Date & Time: \_\_\_\_\_

Inspected By: \_\_\_\_\_

	Printed Name	Signature	Company	Date	Time
Relinquished by	<i>John Bullinger</i>	<i>[Signature]</i>	<i>Bullinger</i>	<i>9/11/17</i>	
Received by	<i>K Scott</i>	<i>[Signature]</i>	<i>Anatek</i>	<i>9/12/17</i>	<i>12:41</i>
Relinquished by					
Received by					
Relinquished by					
Received by					

# Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com  
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170915022  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170915022-002	<b>Sampling Date</b>	9/14/2017	<b>Date/Time Received</b>	9/15/2017 8:50 AM		
<b>Client Sample ID</b>	B19 10-12	<b>Sampling Time</b>	12:45 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	7.60	mg/Kg	0.475	10/13/2017 7:19:00 PM	KNP	EPA 6020A	
Barium	25.0	mg/Kg	0.475	10/13/2017 7:19:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.475	10/13/2017 7:19:00 PM	KNP	EPA 6020A	
Chromium	5.61	mg/Kg	0.475	10/13/2017 7:19:00 PM	KNP	EPA 6020A	
Lead	5.02	mg/Kg	0.475	10/13/2017 7:19:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0475	10/13/2017 7:19:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.475	10/13/2017 7:19:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.475	10/13/2017 7:19:00 PM	KNP	EPA 6020A	
%moisture	2.2	Percent		9/21/2017	ACS	%moisture	

<b>Sample Number</b>	170915022-005	<b>Sampling Date</b>	9/14/2017	<b>Date/Time Received</b>	9/15/2017 8:50 AM		
<b>Client Sample ID</b>	B19 25-27	<b>Sampling Time</b>	2:35 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	11.5	mg/Kg	1	10/9/2017 5:22:00 PM	KNP	EPA 6020A	
Barium	48.8	mg/Kg	1	10/9/2017 5:22:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	1	10/9/2017 5:22:00 PM	KNP	EPA 6020A	
Chromium	14.0	mg/Kg	1	10/9/2017 5:22:00 PM	KNP	EPA 6020A	
Lead	9.3	mg/Kg	1	10/9/2017 5:22:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.1	10/9/2017 5:22:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1	10/9/2017 5:22:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1	10/9/2017 5:22:00 PM	KNP	EPA 6020A	
%moisture	7.4	Percent		9/21/2017	ACS	%moisture	

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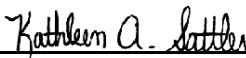
---

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**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170915022  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

Authorized Signature

  
\_\_\_\_\_  
Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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**Attn:** STEVE BURCHETT

**Batch #:** 170915022  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170915022-002	<b>Sampling Date</b>	9/14/2017	<b>Date/Time Received</b>	9/15/2017 8:50 AM		
<b>Client Sample ID</b>	B19 10-12	<b>Sampling Time</b>	12:45 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>PQL</b>	<b>Analysis Date</b>	<b>Analyst</b>	<b>Method</b>	<b>Qualifier</b>
Diesel	ND	mg/kg	25	9/29/2017 10:24:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/29/2017 10:24:00 AM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/20/2017 7:44:00 PM	ACS	NWTPHG	
%moisture	2.2	Percent		9/21/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170915022-002				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
hexacosane		NWTPHDX	83.2	50-150	
4-Bromofluorobenzene		NWTPHG	89.0	70-130	

<b>Sample Number</b>	170915022-004	<b>Sampling Date</b>	9/14/2017	<b>Date/Time Received</b>	9/15/2017 8:50 AM		
<b>Client Sample ID</b>	B19 20-21.5	<b>Sampling Time</b>	1:55 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>PQL</b>	<b>Analysis Date</b>	<b>Analyst</b>	<b>Method</b>	<b>Qualifier</b>
Diesel	ND	mg/kg	25	9/29/2017 11:21:00 AM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/29/2017 11:21:00 AM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/20/2017 8:22:00 PM	ACS	NWTPHG	
%moisture	4.2	Percent		9/21/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170915022-004				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
hexacosane		NWTPHDX	89.6	50-150	
4-Bromofluorobenzene		NWTPHG	86.1	70-130	

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**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170915022  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170915022-005      **Sampling Date** 9/14/2017      **Date/Time Received** 9/15/2017 8:50 AM  
**Client Sample ID** B19 25-27      **Sampling Time** 2:35 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	745	mg/kg	25	9/29/2017 12:18:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/29/2017 12:18:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/20/2017 9:00:00 PM	ACS	NWTPHG	
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Acetone	73.9	µg/Kg	50	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	

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**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170915022  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170915022-005      **Sampling Date** 9/14/2017      **Date/Time Received** 9/15/2017 8:50 AM  
**Client Sample ID** B19 25-27      **Sampling Time** 2:35 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Carbon disulfide	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	9/28/2017 3:42:00 AM	ACS	EPA 8260C	
%moisture	7.4	Percent		9/21/2017	ACS	%moisture	

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**Attn:** STEVE BURCHETT

**Batch #:** 170915022  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

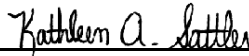
<b>Sample Number</b>	170915022-005	<b>Sampling Date</b>	9/14/2017	<b>Date/Time Received</b>	9/15/2017 8:50 AM
<b>Client Sample ID</b>	B19 25-27	<b>Sampling Time</b>	2:35 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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### Surrogate Data

<b>Sample Number</b>	170915022-005						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		100.4		70-130	
4-Bromofluorobenzene		EPA 8260C		102.0		70-130	
Toluene-d8		EPA 8260C		100.4		70-130	
hexacosane		NWTPHDX		95.6		50-150	
4-Bromofluorobenzene		NWTPHG		79.8		70-130	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

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## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

**Order ID:** 170915022

1101 N FANCHER RD

**Order Date:** 9/15/2017

SPOKANE VALLEY WA 99212

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170915022-001 **Customer Sample #:** B19 5-7

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD

**Date Collected:** 9/14/2017

**Quantity:** 2 **Date Received:** 9/15/2017 8:50:00 AM

**Time Collected:** 12:25 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/14/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170915022-002 **Customer Sample #:** B19 10-12

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD

**Date Collected:** 9/14/2017

**Quantity:** 2 **Date Received:** 9/15/2017 8:50:00 AM

**Time Collected:** 12:45 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/27/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	9/27/2017	<b><u>Normal (~10 Days)</u></b>
TPHG-NW-SPO	S	NWTPHG	9/27/2017	<b><u>Normal (~10 Days)</u></b>
Arsenic	S	EPA 6020A	9/27/2017	<b><u>Normal (~10 Days)</u></b>
Barium	S	EPA 6020A	9/27/2017	<b><u>Normal (~10 Days)</u></b>
Cadmium	S	EPA 6020A	9/27/2017	<b><u>Normal (~10 Days)</u></b>
Chromium	S	EPA 6020A	9/27/2017	<b><u>Normal (~10 Days)</u></b>
Lead	S	EPA 6020A	9/27/2017	<b><u>Normal (~10 Days)</u></b>
Mercury-ICPMS	S	EPA 6020A	9/27/2017	<b><u>Normal (~10 Days)</u></b>
Selenium	S	EPA 6020A	9/27/2017	<b><u>Normal (~10 Days)</u></b>
Silver	S	EPA 6020A	9/27/2017	<b><u>Normal (~10 Days)</u></b>
TOTAL 8	S	N/A	9/27/2017	<b><u>Normal (~10 Days)</u></b>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170915022  
**Order Date:** 9/15/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170915022-003 **Customer Sample #:** B19 15-17

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/14/2017

**Quantity:** 2 **Date Received:** 9/15/2017 8:50:00 AM **Time Collected:** 1:15 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/14/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170915022-004 **Customer Sample #:** B19 20-21.5

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/14/2017

**Quantity:** 2 **Date Received:** 9/15/2017 8:50:00 AM **Time Collected:** 1:55 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/27/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/27/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/27/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170915022-005 **Customer Sample #:** B19 25-27

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/14/2017

**Quantity:** 2 **Date Received:** 9/15/2017 8:50:00 AM **Time Collected:** 2:35 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/27/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	9/27/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	9/27/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	9/27/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/27/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/27/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/27/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/27/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/27/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/27/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/27/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/27/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/27/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170915022  
**Order Date:** 9/15/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

### SAMPLE CONDITION RECORD

---

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	3.9/4.0
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	10



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70915 022 BUDI** Last Due **9/27/2017**  
1st SAMP 9/14/2017 1st RCVD 9/15/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger &amp; Associates</b>	Project Manager: <b>Steve Burchett</b>
Address: <b>1101 Fancher</b>	Project Name & #: <b><del>8200</del> X17444 Normandie</b>
City: <b>Spokane</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budinger.com</b>
Phone: <b>509-535-8841</b>	Purchase Order #: <b>X17444</b>
Fax:	Sampler Name & phone: <b>J. Orchard 509-368-0556</b>

Turn Around Time & Reporting  
Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input checked="" type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

Provide Sample Description				List Analyses Requested						Note Special Instructions/Comments	
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative	# of Containers	Sample Volume	HCLP	TPHDX	TPH6		VOC'S
	B19 5-7	9/14/17 1225	S		2						
	B19 10-12	9/14/17 1245	S		2		X	X		X	
	B19 15-17	9/14/17 1315	S		2						
	B19 20-21	9/14/17 1355	S		2		X	X			
	B19 25-27	9/14/17 1435	S		2		X	X	X	X	

**Inspection Checklist**

Received Intact?	<input checked="" type="radio"/> Y	<input type="radio"/> N
Labels & Chains Agree?	<input checked="" type="radio"/> Y	<input type="radio"/> N
Containers Sealed?	<input checked="" type="radio"/> Y	<input type="radio"/> N
VOC Head Space?	<input checked="" type="radio"/> Y	<input type="radio"/> N

*hd/cooling/ice*  
Temperature (°C): *3.9°/4.0° 1RTH*  
Preservative: *ice*  
Date & Time: *9-15-17 1143*  
Inspected By: *Wg*

	Printed Name	Signature	Company	Date	Time
Relinquished by	JOEL ORCHARD	<i>Joel Orchard</i>	B+A	9/14/17	1720
Received by	Alice B	<i>ABurchett</i>	B+A	9/15/17	8:35
Relinquished by	Alice B	<i>ABurchett</i>	B+A	9/15/17	8:50
Received by	K Scott	<i>K Scott</i>	<i>Orchard</i>	9/15/17	0850
Relinquished by					
Received by					

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170918033  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170918033-002	<b>Sampling Date</b>	9/15/2017	<b>Date/Time Received</b>	9/18/2017 10:02 AM
<b>Client Sample ID</b>	B20 10-12	<b>Sampling Time</b>	8:55 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.21	mg/Kg	0.42	10/13/2017 7:26:00 PM	KNP	EPA 6020A	
Barium	41.9	mg/Kg	0.42	10/13/2017 7:26:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.42	10/13/2017 7:26:00 PM	KNP	EPA 6020A	
Chromium	10.1	mg/Kg	0.42	10/13/2017 7:26:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/28/2017 3:46:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/28/2017 3:46:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/28/2017 3:46:00 AM	ARY	WATPH-HCID	
Lead	7.38	mg/Kg	0.42	10/13/2017 7:26:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.042	10/13/2017 7:26:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.42	10/13/2017 7:26:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.42	10/13/2017 7:26:00 PM	KNP	EPA 6020A	
%moisture	3.5	Percent		9/22/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170918033-002			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	86.2	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170918033  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170918033-003	<b>Sampling Date</b>	9/15/2017	<b>Date/Time Received</b>	9/18/2017 10:02 AM
<b>Client Sample ID</b>	B20 15-17	<b>Sampling Time</b>	9:20 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.65	mg/Kg	0.527	10/13/2017 8:47:00 PM	KNP	EPA 6020A	
Barium	35.2	mg/Kg	0.527	10/13/2017 8:47:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.527	10/13/2017 8:47:00 PM	KNP	EPA 6020A	
Chromium	8.82	mg/Kg	0.527	10/13/2017 8:47:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/28/2017 4:42:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/28/2017 4:42:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/28/2017 4:42:00 AM	ARY	WATPH-HCID	
Lead	7.59	mg/Kg	0.527	10/13/2017 8:47:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0527	10/13/2017 8:47:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.527	10/13/2017 8:47:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.527	10/13/2017 8:47:00 PM	KNP	EPA 6020A	
%moisture	4.3	Percent		9/22/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170918033-003		
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	<b>Percent Recovery</b>
		WATPH-HCID	92.0
			<b>Control Limits</b>
			50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170918033  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170918033-004	<b>Sampling Date</b>	9/15/2017	<b>Date/Time Received</b>	9/18/2017 10:02 AM
<b>Client Sample ID</b>	B20 20-22	<b>Sampling Time</b>	9:45 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	8.73	mg/Kg	0.53	10/13/2017 8:54:00 PM	KNP	EPA 6020A	
Barium	37.0	mg/Kg	0.53	10/13/2017 8:54:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.53	10/13/2017 8:54:00 PM	KNP	EPA 6020A	
Chromium	8.23	mg/Kg	0.53	10/13/2017 8:54:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/28/2017 5:37:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/28/2017 5:37:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/28/2017 5:37:00 AM	ARY	WATPH-HCID	
Lead	11.5	mg/Kg	0.53	10/13/2017 8:54:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.053	10/13/2017 8:54:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.53	10/13/2017 8:54:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.53	10/13/2017 8:54:00 PM	KNP	EPA 6020A	
%moisture	6	Percent		9/22/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170918033-004			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	100.6	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170918033  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170918033-006	<b>Sampling Date</b>	9/15/2017	<b>Date/Time Received</b>	9/18/2017 10:02 AM		
<b>Client Sample ID</b>	B21 10-12	<b>Sampling Time</b>	11:30 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	9/28/2017 6:33:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/28/2017 6:33:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/28/2017 6:33:00 AM	ARY	WATPH-HCID	
%moisture	2.3	Percent		9/22/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170918033-006		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane	WATPH-HCID	91.4	50-150

<b>Sample Number</b>	170918033-007	<b>Sampling Date</b>	9/15/2017	<b>Date/Time Received</b>	9/18/2017 10:02 AM		
<b>Client Sample ID</b>	B21 15-17	<b>Sampling Time</b>	11:55 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<50	mg/kg	50	9/28/2017 7:28:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/28/2017 7:28:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/28/2017 7:28:00 AM	ARY	WATPH-HCID	
%moisture	3.1	Percent		9/22/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170918033-007		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane	WATPH-HCID	89.4	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170918033  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170918033-009	<b>Sampling Date</b>	9/15/2017	<b>Date/Time Received</b>	9/18/2017 10:02 AM
<b>Client Sample ID</b>	B22 4-6	<b>Sampling Time</b>	2:20 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.45	mg/Kg	0.445	10/13/2017 9:01:00 PM	KNP	EPA 6020A	
Barium	66.1	mg/Kg	0.445	10/13/2017 9:01:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.445	10/13/2017 9:01:00 PM	KNP	EPA 6020A	
Chromium	9.83	mg/Kg	0.445	10/13/2017 9:01:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/28/2017 8:24:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/28/2017 8:24:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/28/2017 8:24:00 AM	ARY	WATPH-HCID	
Lead	7.29	mg/Kg	0.445	10/13/2017 9:01:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0445	10/13/2017 9:01:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.445	10/13/2017 9:01:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.445	10/13/2017 9:01:00 PM	KNP	EPA 6020A	
%moisture	2.7	Percent		9/22/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170918033-009			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	97.6	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170918033  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170918033-010	<b>Sampling Date</b>	9/15/2017	<b>Date/Time Received</b>	9/18/2017 10:02 AM
<b>Client Sample ID</b>	B22 9-11	<b>Sampling Time</b>	2:40 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	7.79	mg/Kg	0.471	10/13/2017 9:08:00 PM	KNP	EPA 6020A	
Barium	77.1	mg/Kg	0.471	10/13/2017 9:08:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.471	10/13/2017 9:08:00 PM	KNP	EPA 6020A	
Chromium	26.4	mg/Kg	0.471	10/13/2017 9:08:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/28/2017 9:22:00 AM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/28/2017 9:22:00 AM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/28/2017 9:22:00 AM	ARY	WATPH-HCID	
Lead	7.50	mg/Kg	0.471	10/13/2017 9:08:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0471	10/13/2017 9:08:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.471	10/13/2017 9:08:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.471	10/13/2017 9:08:00 PM	KNP	EPA 6020A	
%moisture	1.8	Percent		9/22/2017	ACS	%moisture	

## Surrogate Data

<b>Sample Number</b>	170918033-010		
<b>Surrogate Standard</b>	hexacosane	<b>Method</b>	<b>Percent Recovery</b>
		WATPH-HCID	87.0
			<b>Control Limits</b>
			50-150

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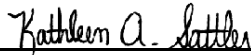
---

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170918033  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

**Order ID:** 170918033

1101 N FANCHER RD

**Order Date:** 9/18/2017

SPOKANE VALLEY WA 99212

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170918033-001 **Customer Sample #:** B20 5-7

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 1 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 8:45 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/15/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170918033-002 **Customer Sample #:** B20 10-12

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 8:55 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/28/2017	<b><u>Normal (~10 Days)</u></b>
HCID	S	WATPH-HCID	9/28/2017	<b><u>Normal (~10 Days)</u></b>
Arsenic	S	EPA 6020A	9/28/2017	<b><u>Normal (~10 Days)</u></b>
Barium	S	EPA 6020A	9/28/2017	<b><u>Normal (~10 Days)</u></b>
Cadmium	S	EPA 6020A	9/28/2017	<b><u>Normal (~10 Days)</u></b>
Chromium	S	EPA 6020A	9/28/2017	<b><u>Normal (~10 Days)</u></b>
Lead	S	EPA 6020A	9/28/2017	<b><u>Normal (~10 Days)</u></b>
Mercury-ICPMS	S	EPA 6020A	9/28/2017	<b><u>Normal (~10 Days)</u></b>
Selenium	S	EPA 6020A	9/28/2017	<b><u>Normal (~10 Days)</u></b>
Silver	S	EPA 6020A	9/28/2017	<b><u>Normal (~10 Days)</u></b>
TOTAL 8	S	N/A	9/28/2017	<b><u>Normal (~10 Days)</u></b>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170918033  
**Order Date:** 9/18/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

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**Sample #:** 170918033-003 **Customer Sample #:** B20 15-17

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 9:20 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/28/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/28/2017	<u>Normal (~10 Days)</u>

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**Sample #:** 170918033-004 **Customer Sample #:** B20 20-22

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 9:45 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/28/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/28/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170918033  
**Order Date:** 9/18/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170918033-005 **Customer Sample #:** B21 5-7

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 11:10 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/15/2017	<u>Normal (~10 Days)</u>

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**Sample #:** 170918033-006 **Customer Sample #:** B21 10-12

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 11:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/28/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>

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**Sample #:** 170918033-007 **Customer Sample #:** B21 15-17

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 11:55 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/28/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170918033-008 **Customer Sample #:** B21 20-22

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 12:20 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/15/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170918033  
**Order Date:** 9/18/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170918033-009 **Customer Sample #:** B22 4-6

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 2:20 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/28/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/28/2017	<u>Normal (~10 Days)</u>

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**Sample #:** 170918033-010 **Customer Sample #:** B22 9-11

**Recv'd:**  **Matrix:** Soil **Collector:** JOEL ORCHARD **Date Collected:** 9/15/2017

**Quantity:** 2 **Date Received:** 9/18/2017 10:02:00 AM **Time Collected:** 2:40 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	9/28/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	9/28/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	9/28/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170918033  
**Order Date:** 9/18/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

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**Sample #:** 170918033-011    **Customer Sample #:** B22 14-15

**Recv'd:**     **Matrix:** Soil    **Collector:** JOEL ORCHARD    **Date Collected:** 9/15/2017

**Quantity:** 2    **Date Received:** 9/18/2017 10:02:00 AM    **Time Collected:** 3:10 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/15/2017	<u>Normal (~10 Days)</u>

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**Sample #:** 170918033-012    **Customer Sample #:** B22 19-20

**Recv'd:**     **Matrix:** Soil    **Collector:** JOEL ORCHARD    **Date Collected:** 9/15/2017

**Quantity:** 2    **Date Received:** 9/18/2017 10:02:00 AM    **Time Collected:** 3:40 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/15/2017	<u>Normal (~10 Days)</u>

### SAMPLE CONDITION RECORD

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Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	-5.1/-5.2
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	23



### Chain of Custody Record

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70918 033** **BUDI** Last Due **9/28/2017**  
1st SAMP 9/15/2017 1st RCVD 9/18/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger &amp; Associates</b>		Project Manager: <b>Steve Burchett</b>	
Address: <b>1101 N. Fancher</b>		Project Name & #: <b>Normandie X17444</b>	
City: <b>Spokane</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budinger.com</b>		
Phone: <b>509-535-8841</b>		Purchase Order #: <b>X17444</b>	
Fax:		Sampler Name & phone: <b>J. Orchard 509-368-0556</b>	

Turn Around Time Reporting

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

Normal  
 Next Day\*  
 2nd Day\*  
 Other\*

\*All rush order requests must be prior approved.

Phone  
 Mail  
 Fax  
 Email

Provide Sample Description	List Analyses Requested
----------------------------	-------------------------

Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative		ACID	RCRA8														
				# of Containers	Sample Volume																
1	B20 5-7'	9/15/17 0845	S	2																	
2	B20 10-12	9/15/17 0855	S	2		X	X														
3	B20 15-17	9/15/17 0920	S	2		X	X														
4	B20 20-22	9/15/17 0945	S	2		X	X														
5	B21 5-7	9/15/17 1110	S	2																	
6	B21 10-12	9/15/17 1130	S	2		X															
7	B21 15-17	9/15/17 1155	S	2		X															
8	B21 20-22	9/15/17 1220	S	2																	
9	B22 4-6	9/15/17 1420	S	2		X	X														
10	B22 9-11	9/15/17 1440	S	2		X	X														
11	B22 14-15	9/15/17 1510	S	2																	
12	B22 19-20	9/15/17 1540	S	2																	

Note Special Instructions/Comments

**HOLD ADDL SAMPLES  
MAY ORDER MORE  
TESTS AS ACID ARE DONE**

**Inspection Checklist**

Received Intact?  Y  N

Labels & Chains Agree?  Y  N

Containers Sealed?  Y  N

VOC Head Space?  Y  N

*h/n/c/n/i*

Temperature (°C): **-5.1 / -5.2 102**

Preservative: \_\_\_\_\_

Date & Time: **9-18-17 1002**

Inspected By: **WJ**

	Printed Name	Signature	Company	Date	Time
Relinquished by	JOEL ORCHARD	<i>Joel Orchard</i>	B&A	9/15/17	1730
Received by					
Relinquished by	Steve Burchett	<i>Steve Burchett</i>	B&A	9/18/17	10:02
Received by	Wendy O'Z	<i>Wendy O'Z</i>	Anatek	9/18/17	1002
Relinquished by					
Received by					

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-003	<b>Sampling Date</b>	9/22/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM		
<b>Client Sample ID</b>	B27 15-16	<b>Sampling Time</b>	11:05 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzene	ND	µg/Kg	25	9/28/2017 1:04:00 AM	ACS	EPA 8021	
Ethylbenzene	ND	µg/Kg	25	9/28/2017 1:04:00 AM	ACS	EPA 8021	
m+p-Xylene	ND	µg/Kg	50	9/28/2017 1:04:00 AM	ACS	EPA 8021	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	25	9/28/2017 1:04:00 AM	ACS	EPA 8021	
o-Xylene	ND	µg/Kg	25	9/28/2017 1:04:00 AM	ACS	EPA 8021	
Toluene	ND	µg/Kg	25	9/28/2017 1:04:00 AM	ACS	EPA 8021	
Total Xylene	ND	µg/Kg	25	9/28/2017 1:04:00 AM	ACS	EPA 8021	
Lead	4.71	mg/Kg	0.53	10/9/2017 5:42:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/27/2017 12:48:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/27/2017 12:48:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/28/2017 1:04:00 AM	ACS	NWTPHG	
%moisture	5.4	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-003		
Surrogate Standard	Method	Percent Recovery	Control Limits
4-Bromofluorobenzene	EPA 8021	84.4	70-130
hexacosane	NWTPHDX	101.4	50-150
4-Bromofluorobenzene	NWTPHG	86.0	70-130

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-005	<b>Sampling Date</b>	9/22/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM		
<b>Client Sample ID</b>	B27 25-27.5	<b>Sampling Time</b>	11:50 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzene	ND	µg/Kg	25	9/28/2017 1:42:00 AM	ACS	EPA 8021	
Ethylbenzene	ND	µg/Kg	25	9/28/2017 1:42:00 AM	ACS	EPA 8021	
m+p-Xylene	ND	µg/Kg	50	9/28/2017 1:42:00 AM	ACS	EPA 8021	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	25	9/28/2017 1:42:00 AM	ACS	EPA 8021	
o-Xylene	ND	µg/Kg	25	9/28/2017 1:42:00 AM	ACS	EPA 8021	
Toluene	ND	µg/Kg	25	9/28/2017 1:42:00 AM	ACS	EPA 8021	
Total Xylene	ND	µg/Kg	25	9/28/2017 1:42:00 AM	ACS	EPA 8021	
Lead	7.78	mg/Kg	0.508	10/17/2017 7:02:00 PM	KNP	EPA 6020A	
Diesel	ND	mg/kg	25	9/27/2017 1:45:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	9/27/2017 1:45:00 PM	ARY	NWTPHDX	
Gasoline	ND	mg/kg	2.5	9/28/2017 1:42:00 AM	ACS	NWTPHG	
%moisture	4.6	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-005		
Surrogate Standard	Method	Percent Recovery	Control Limits
4-Bromofluorobenzene	EPA 8021	81.0	70-130
hexacosane	NWTPHDX	94.0	50-150
4-Bromofluorobenzene	NWTPHG	83.1	70-130

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-007	<b>Sampling Date</b>	9/22/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B28 13.5-16	<b>Sampling Time</b>	2:10 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	7.65	mg/Kg	0.503	10/9/2017 5:45:00 PM	KNP	EPA 6020A	
Barium	62.4	mg/Kg	0.503	10/9/2017 5:45:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.503	10/9/2017 5:45:00 PM	KNP	EPA 6020A	
Chromium	11.1	mg/Kg	0.503	10/9/2017 5:45:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/27/2017 2:41:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/27/2017 2:41:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/27/2017 2:41:00 PM	ARY	WATPH-HCID	
Lead	9.20	mg/Kg	0.503	10/9/2017 5:45:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0503	10/9/2017 5:45:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.503	10/9/2017 5:45:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.503	10/9/2017 5:45:00 PM	KNP	EPA 6020A	
%moisture	3.1	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-007			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	75.6	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-008      **Sampling Date** 9/22/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B28 18.5-21      **Sampling Time** 2:45 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	3.82	mg/Kg	0.576	10/17/2017 7:06:00 PM	KNP	EPA 6020A	
Barium	33.4	mg/Kg	0.576	10/17/2017 7:06:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.576	10/17/2017 7:06:00 PM	KNP	EPA 6020A	
Chromium	4.78	mg/Kg	0.576	10/17/2017 7:06:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/27/2017 3:37:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/27/2017 3:37:00 PM	ARY	WATPH-HCID	
Lube Oil	809	mg/kg	100	9/27/2017 3:37:00 PM	ARY	WATPH-HCID	
Lead	10.9	mg/Kg	0.576	10/17/2017 7:06:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0576	10/17/2017 7:06:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.576	10/17/2017 7:06:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.576	10/17/2017 7:06:00 PM	KNP	EPA 6020A	
%moisture	12.8	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

**Sample Number** 170925003-008

Surrogate Standard	Method	Percent Recovery	Control Limits
hexacosane	WATPH-HCID	90.0	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-009	<b>Sampling Date</b>	9/20/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B24 5-7	<b>Sampling Time</b>	3:30 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	6.71	mg/Kg	0.512	10/9/2017 5:49:00 PM	KNP	EPA 6020A	
Barium	44.3	mg/Kg	0.512	10/9/2017 5:49:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.512	10/9/2017 5:49:00 PM	KNP	EPA 6020A	
Chromium	19.4	mg/Kg	0.512	10/9/2017 5:49:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/27/2017 4:33:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/27/2017 4:33:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/27/2017 4:33:00 PM	ARY	WATPH-HCID	
Lead	9.88	mg/Kg	0.512	10/9/2017 5:49:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0512	10/9/2017 5:49:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.512	10/9/2017 5:49:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.512	10/9/2017 5:49:00 PM	KNP	EPA 6020A	
%moisture	3.1	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-009			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	93.0	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-010	<b>Sampling Date</b>	9/20/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B23 5-7.5	<b>Sampling Time</b>	2:00 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	2.25	mg/Kg	0.498	10/9/2017 5:52:00 PM	KNP	EPA 6020A	
Barium	37.3	mg/Kg	0.498	10/9/2017 5:52:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.498	10/9/2017 5:52:00 PM	KNP	EPA 6020A	
Chromium	7.12	mg/Kg	0.498	10/9/2017 5:52:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/27/2017 5:29:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/27/2017 5:29:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/27/2017 5:29:00 PM	ARY	WATPH-HCID	
Lead	5.43	mg/Kg	0.498	10/9/2017 5:52:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0498	10/9/2017 5:52:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.498	10/9/2017 5:52:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.498	10/9/2017 5:52:00 PM	KNP	EPA 6020A	
%moisture	7.4	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-010			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	96.4	50-150

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-012	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B25 13.5-16	<b>Sampling Time</b>	11:45 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	6.81	mg/Kg	0.49	10/9/2017 5:55:00 PM	KNP	EPA 6020A	
Barium	34.9	mg/Kg	0.49	10/9/2017 5:55:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.49	10/9/2017 5:55:00 PM	KNP	EPA 6020A	
Chromium	9.11	mg/Kg	0.49	10/9/2017 5:55:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/27/2017 6:25:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/27/2017 6:25:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/27/2017 6:25:00 PM	ARY	WATPH-HCID	
Lead	8.28	mg/Kg	0.49	10/9/2017 5:55:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.049	10/9/2017 5:55:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.49	10/9/2017 5:55:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.49	10/9/2017 5:55:00 PM	KNP	EPA 6020A	
%moisture	5.4	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-012			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	96.2	50-150

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-013	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM		
<b>Client Sample ID</b>	B25 18.5-21	<b>Sampling Time</b>	12:20 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	4.08	mg/Kg	0.462	10/9/2017 5:59:00 PM	KNP	EPA 6020A	
Barium	48.5	mg/Kg	0.462	10/9/2017 5:59:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.462	10/9/2017 5:59:00 PM	KNP	EPA 6020A	
Chromium	3.12	mg/Kg	0.462	10/9/2017 5:59:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/27/2017 7:22:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/27/2017 7:22:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/27/2017 7:22:00 PM	ARY	WATPH-HCID	
Lead	4.23	mg/Kg	0.462	10/9/2017 5:59:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0462	10/9/2017 5:59:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.462	10/9/2017 5:59:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.462	10/9/2017 5:59:00 PM	KNP	EPA 6020A	
%moisture	3.3	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-013			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	102.6	50-150

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-015	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM		
<b>Client Sample ID</b>	B26 13.5-16	<b>Sampling Time</b>	3:30 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	11.5	mg/Kg	0.49	10/17/2017 7:09:00 PM	KNP	EPA 6020A	
Barium	56.2	mg/Kg	0.49	10/17/2017 7:09:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.49	10/17/2017 7:09:00 PM	KNP	EPA 6020A	
Chromium	10.7	mg/Kg	0.49	10/17/2017 7:09:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/27/2017 8:18:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/27/2017 8:18:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/27/2017 8:18:00 PM	ARY	WATPH-HCID	
Lead	7.81	mg/Kg	0.49	10/17/2017 7:09:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.049	10/17/2017 7:09:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.49	10/17/2017 7:09:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.49	10/17/2017 7:09:00 PM	KNP	EPA 6020A	
%moisture	5	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-015		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane	WATPH-HCID	90.6	50-150

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-016	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B26 18.5-21	<b>Sampling Time</b>	3:55 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	5.79	mg/Kg	0.467	10/9/2017 6:02:00 PM	KNP	EPA 6020A	
Barium	60.2	mg/Kg	0.467	10/9/2017 6:02:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.467	10/9/2017 6:02:00 PM	KNP	EPA 6020A	
Chromium	78.0	mg/Kg	0.467	10/9/2017 6:02:00 PM	KNP	EPA 6020A	
Diesel	<50	mg/kg	50	9/27/2017 9:14:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	9/27/2017 9:14:00 PM	ARY	WATPH-HCID	
Lube Oil	<100	mg/kg	100	9/27/2017 9:14:00 PM	ARY	WATPH-HCID	
Lead	7.33	mg/Kg	0.467	10/9/2017 6:02:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0467	10/9/2017 6:02:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.467	10/9/2017 6:02:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.467	10/9/2017 6:02:00 PM	KNP	EPA 6020A	
%moisture	6.9	Percent		9/25/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170925003-016			
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
hexacosane		WATPH-HCID	93.2	50-150

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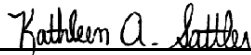
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**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-007      **Sampling Date** 9/22/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B28 13.5-16      **Sampling Time** 2:10 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; NV:ID00013; OR:ID200001-002; WA:C595  
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-007	<b>Sampling Date</b>	9/22/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B28 13.5-16	<b>Sampling Time</b>	2:10 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chlorobenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/1/2017 9:59:00 PM	ACS	EPA 8260C	
%moisture	3.1	Percent		9/25/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-007	<b>Sampling Date</b>	9/22/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B28 13.5-16	<b>Sampling Time</b>	2:10 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170925003-007						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		102.8		70-130	
4-Bromofluorobenzene		EPA 8260C		96.2		70-130	
Toluene-d8		EPA 8260C		98.8		70-130	

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**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-008      **Sampling Date** 9/22/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B28 18.5-21      **Sampling Time** 2:45 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-008      **Sampling Date** 9/22/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B28 18.5-21      **Sampling Time** 2:45 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/1/2017 10:28:00 PM	ACS	EPA 8260C	
%moisture	12.8	Percent		9/25/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-008	<b>Sampling Date</b>	9/22/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B28 18.5-21	<b>Sampling Time</b>	2:45 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170925003-008						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		100.8		70-130	
4-Bromofluorobenzene		EPA 8260C		99.6		70-130	
Toluene-d8		EPA 8260C		98.8		70-130	

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-009      **Sampling Date** 9/20/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B24 5-7      **Sampling Time** 3:30 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	

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**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-009	<b>Sampling Date</b>	9/20/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B24 5-7	<b>Sampling Time</b>	3:30 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/1/2017 10:58:00 PM	ACS	EPA 8260C	
%moisture	3.1	Percent		9/25/2017	ARY	%moisture	

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**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-009	<b>Sampling Date</b>	9/20/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B24 5-7	<b>Sampling Time</b>	3:30 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170925003-009						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		103.0		70-130	
4-Bromofluorobenzene		EPA 8260C		96.4		70-130	
Toluene-d8		EPA 8260C		97.4		70-130	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-010      **Sampling Date** 9/20/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B23 5-7.5      **Sampling Time** 2:00 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	

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**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-010	<b>Sampling Date</b>	9/20/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B23 5-7.5	<b>Sampling Time</b>	2:00 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/1/2017 11:27:00 PM	ACS	EPA 8260C	
%moisture	7.4	Percent		9/25/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-010	<b>Sampling Date</b>	9/20/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B23 5-7.5	<b>Sampling Time</b>	2:00 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170925003-010		
<b>Surrogate Standard</b>	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
1,2-Dichlorobenzene-d4	EPA 8260C	101.6	70-130
4-Bromofluorobenzene	EPA 8260C	95.6	70-130
Toluene-d8	EPA 8260C	99.8	70-130

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-012	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B25 13.5-16	<b>Sampling Time</b>	11:45 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-012      **Sampling Date** 9/21/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B25 13.5-16      **Sampling Time** 11:45 AM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/1/2017 11:56:00 PM	ACS	EPA 8260C	
%moisture	5.4	Percent		9/25/2017	ARY	%moisture	

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-012	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B25 13.5-16	<b>Sampling Time</b>	11:45 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170925003-012						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		102.0		70-130	
4-Bromofluorobenzene		EPA 8260C		94.8		70-130	
Toluene-d8		EPA 8260C		100.2		70-130	

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-013      **Sampling Date** 9/21/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B25 18.5-21      **Sampling Time** 12:20 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-013      **Sampling Date** 9/21/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B25 18.5-21      **Sampling Time** 12:20 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/2/2017 12:25:00 AM	ACS	EPA 8260C	
%moisture	3.3	Percent		9/25/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-013	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B25 18.5-21	<b>Sampling Time</b>	12:20 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170925003-013						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		100.0		70-130	
4-Bromofluorobenzene		EPA 8260C		98.0		70-130	
Toluene-d8		EPA 8260C		99.4		70-130	

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**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-015      **Sampling Date** 9/21/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B26 13.5-16      **Sampling Time** 3:30 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-015      **Sampling Date** 9/21/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B26 13.5-16      **Sampling Time** 3:30 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/2/2017 12:54:00 AM	ACS	EPA 8260C	
%moisture	5	Percent		9/25/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170925003-015	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B26 13.5-16	<b>Sampling Time</b>	3:30 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170925003-015						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		104.4		70-130	
4-Bromofluorobenzene		EPA 8260C		95.2		70-130	
Toluene-d8		EPA 8260C		99.8		70-130	

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**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-016      **Sampling Date** 9/21/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B26 18.5-21      **Sampling Time** 3:55 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Carbon Tetrachloride	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170925003-016      **Sampling Date** 9/21/2017      **Date/Time Received** 9/25/2017 8:57 AM  
**Client Sample ID** B26 18.5-21      **Sampling Time** 3:55 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Chloroethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/2/2017 1:23:00 AM	ACS	EPA 8260C	
%moisture	6.9	Percent		9/25/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170925003  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

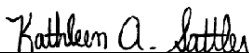
<b>Sample Number</b>	170925003-016	<b>Sampling Date</b>	9/21/2017	<b>Date/Time Received</b>	9/25/2017 8:57 AM
<b>Client Sample ID</b>	B26 18.5-21	<b>Sampling Time</b>	3:55 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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### Surrogate Data

<b>Sample Number</b>	170925003-016						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		102.2		70-130	
4-Bromofluorobenzene		EPA 8260C		96.4		70-130	
Toluene-d8		EPA 8260C		101.0		70-130	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170925003

**Order Date:** 9/25/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170925003-001 **Customer Sample #:** B27 5-7.5

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/22/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 10:00 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/22/2017	<b><u>Normal (~10 Days)</u></b>

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**Sample #:** 170925003-002 **Customer Sample #:** B27 10-12.5

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/22/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 10:40 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/22/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170925003-003 **Customer Sample #:** B27 15-16

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/22/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 11:05 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<b><u>Normal (~10 Days)</u></b>
BTEX 8021	S	EPA 8021	10/5/2017	<b><u>Normal (~10 Days)</u></b>
LEAD	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
TPHDX-NW	S	NWTPHDX	10/5/2017	<b><u>Normal (~10 Days)</u></b>
TPHG-NW-SPO	S	NWTPHG	10/5/2017	<b><u>Normal (~10 Days)</u></b>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170925003  
**Order Date:** 9/25/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170925003-004 **Customer Sample #:** B27 20-22

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/22/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 11:25 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/22/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170925003-005 **Customer Sample #:** B27 25-27.5

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/22/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 11:50 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
BTEX 8021	S	EPA 8021	10/5/2017	<u>Normal (~10 Days)</u>
LEAD	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	10/5/2017	<u>Normal (~10 Days)</u>
TPHG-NW-SPO	S	NWTPHG	10/5/2017	<u>Normal (~10 Days)</u>

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**Sample #:** 170925003-006 **Customer Sample #:** B28 8.5-11

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/22/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 1:55 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/22/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170925003-007 **Customer Sample #:** B28 13.5-16

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/22/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 2:10 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/5/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
 1101 N FANCHER RD  
 SPOKANE VALLEY WA 99212

**Order ID:** 170925003  
**Order Date:** 9/25/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

Arsenic	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/5/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170925003-008 **Customer Sample #:** B28 18.5-21

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/22/2017  
**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 2:45 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/5/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/5/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170925003-009 **Customer Sample #:** B24 5-7

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/20/2017  
**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 3:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
 1101 N FANCHER RD  
 SPOKANE VALLEY WA 99212

**Order ID:** 170925003  
**Order Date:** 9/25/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

VOC 8260 SPO	S	EPA 8260C	10/5/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/5/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170925003-010 **Customer Sample #:** B23 5-7.5

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/20/2017  
**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 2:00 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/5/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/5/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170925003-011 **Customer Sample #:** B25 8.5-11

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/21/2017  
**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 11:20 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/22/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170925003  
**Order Date:** 9/25/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170925003-012 **Customer Sample #:** B25 13.5-16

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/21/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 11:45 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/5/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/5/2017	<u>Normal (~10 Days)</u>

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**Sample #:** 170925003-013 **Customer Sample #:** B25 18.5-21

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/21/2017

**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 12:20 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/5/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170925003  
**Order Date:** 9/25/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

TOTAL 8 S N/A 10/5/2017 Normal (~10 Days)

**Sample #:** 170925003-014 **Customer Sample #:** B26 8.5-11

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/21/2017  
**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 3:00 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/22/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170925003-015 **Customer Sample #:** B26 13.5-16

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/21/2017  
**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 3:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/5/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/5/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/5/2017	<u>Normal (~10 Days)</u>

**Sample #:** 170925003-016 **Customer Sample #:** B26 18.5-21

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/21/2017  
**Quantity:** 2 **Date Received:** 9/25/2017 8:57:00 AM **Time Collected:** 3:55 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/5/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	9/28/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/5/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170925003  
**Order Date:** 9/25/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

Arsenic	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
Barium	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
Cadmium	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
Chromium	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
Lead	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
Mercury-ICPMS	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
Selenium	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
Silver	S	EPA 6020A	10/5/2017	<b><u>Normal (~10 Days)</u></b>
TOTAL 8	S	N/A	10/5/2017	<b><u>Normal (~10 Days)</u></b>

**SAMPLE CONDITION RECORD**

---

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	-1.1/-1.0
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	32



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
504 E. Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

70925 003 **BUDI** Last Due 10/5/2017  
1st SAMP 9/20/2017 1st RCVD 9/25/2017  
NORMANDIE X17444

Company Name: <b>Budinger, Inc.</b>	Project Manager: <b>S. Burchett</b>
Address: <b>1101 N. Fancher</b>	Project Name & #: <b>Normandie X17444</b>
City: <b>Spokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>535 8841</b>	Purchase Order #:
Fax:	Sampler Name & phone: <b>Teel</b>

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input checked="" type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

Provide Sample Description				List Analyses Requested						Note Special Instructions/Comments		
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative:	Sample Volume	TPH 6+BPX	TPH DX	Total Lead	HClD		VOC'S	RCRA 8
1	B27 5-7.5	9/22 10:00	S	Z								Report HClD when available to order more tests
2	B27 10-12.5	10:40	S	Z								
3	B27 15-16	11:05	S	Z		X	X	X				
4	B27 20-22	11:25	S	Z								
5	B27 25-27.5	11:50	S	Z		X	X	X				
6	B28 8.5-11	9/22 13:55	S	Z								
7	13.5-16	14:10	S	Z					X	X	X	
8	18.5-21	14:45	S	Z					X	X	X	

**Inspection Checklist**

Received Intact?	<input checked="" type="radio"/> Y	<input type="radio"/> N
Labels & Chains Agree?	<input checked="" type="radio"/> Y	<input type="radio"/> N
Containers Sealed?	<input checked="" type="radio"/> Y	<input type="radio"/> N
VOC Head Space?	<input checked="" type="radio"/> Y	<input type="radio"/> N
Temperature (°C):	-1.1 / -1.0	
Preservative:	nd/Carlu/ice	
Date & Time:	9-25-17 1000	
Inspected By:	M/uf	

	Printed Name	Signature	Company	Date	Time
Relinquished by	MIKE TEEL	<i>Mike Teel</i>	ISQA	9/22/17	
Received by					
Relinquished by	Steve Burchett	<i>Steve Burchett</i>	B & J	9/25/17	
Received by	K Scott	<i>K Scott</i>	Anatek	9/25/17 0857	
Relinquished by					
Received by					



### Chain of Custody Record

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

70925 003 **BUDI** Last Due **10/5/2017**  
 1st SAMP 9/20/2017 1st RCVD 9/25/2017  
 NORMANDIE X17444

Company Name: <b>Budinger Assoc.</b>	Project Manager: <b>Steve B.</b>
Address: <b>1107 N. Fancher</b>	Project Name & #: <b>Normandie X-17444</b>
City: <b>Spokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>535-8849</b>	Purchase Order #:
Fax:	Sampler Name & phone: <b>Teel</b>

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input checked="" type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

Provide Sample Description				List Analyses Requested										
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative		HCLD	RCRA-B	VOC's						
				# of Containers	Sample Volume									
9	B24 5-7	9/20 15:30	S	2		X	X	X						
10	B23 5-7.5	9/20 14:00	S	2		X	X	X						
11	B25 8.5-11	9/21 11:20	S	2										
12	B25 13.5-16	9/21 11:45	S	2		X	X	X						
13	B25 18.5-21	9/21 12:20	S	2		X	X	X						
14	B26 8.5-11	9/21 15:00	S	2										
15	B26 13.5-16	9/21 15:30	S	2		X	X	X						
16	B26 18.5-21	9/21 15:55	S	2		X	X	X						

**Note Special Instructions/Comments**

Report HUD when available to order more tests

**Inspection Checklist**

Received Intact?	<input checked="" type="checkbox"/>	N
Labels & Chains Agree?	<input checked="" type="checkbox"/>	N
Containers Sealed?	<input checked="" type="checkbox"/>	N
VOC Head Space?	<input checked="" type="checkbox"/>	N

ml/coalite/tee

Temperature (°C) -1.1 / -1.0

Preservative: \_\_\_\_\_

Date & Time: 9-25-17 1000

Inspected By: M/tee

	Printed Name	Signature	Company	Date	Time
Relinquished by	<b>MIKE TEEL</b>	<i>Mike Teel</i>	<b>B&amp;A</b>	<b>9/21</b>	<b>17:15</b>
Received by					
Relinquished by	<b>STEVE BURCHETT</b>	<i>Steve Burchett</i>	<b>B&amp;A</b>	<b>9/25</b>	<b>8:00</b>
Received by	<b>K SCOTT</b>	<i>K Scott</i>	<b>Anatek</b>	<b>9/25/17</b>	<b>0857</b>
Relinquished by					
Received by					

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170929024-004	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B36 5-9	<b>Sampling Time</b>	10:25 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	6.55	mg/Kg	1.08	10/20/2017 2:09:00 PM	KNP	EPA 6020A	
Barium	120	mg/Kg	1.08	10/20/2017 2:09:00 PM	KNP	EPA 6020A	E2
Cadmium	ND	mg/Kg	1.08	10/20/2017 2:09:00 PM	KNP	EPA 6020A	
Chromium	11.7	mg/Kg	1.08	10/20/2017 2:09:00 PM	KNP	EPA 6020A	
Lead	9.50	mg/Kg	1.08	10/20/2017 2:09:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.108	10/20/2017 2:09:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1.08	10/20/2017 2:09:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1.08	10/20/2017 2:09:00 PM	KNP	EPA 6020A	
%moisture	8.9	Percent		10/2/2017	ARY	%moisture	

<b>Sample Number</b>	170929024-005	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B36 10-15	<b>Sampling Time</b>	10:40 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	8.98	mg/Kg	1	10/20/2017 2:16:00 PM	KNP	EPA 6020A	
Barium	65.8	mg/Kg	1	10/20/2017 2:16:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	1	10/20/2017 2:16:00 PM	KNP	EPA 6020A	
Chromium	14.9	mg/Kg	1	10/20/2017 2:16:00 PM	KNP	EPA 6020A	
Lead	16.0	mg/Kg	1	10/20/2017 2:16:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.1	10/20/2017 2:16:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1	10/20/2017 2:16:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1	10/20/2017 2:16:00 PM	KNP	EPA 6020A	
%moisture	1.3	Percent		10/2/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170929024-019	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B39 15-20	<b>Sampling Time</b>	3:30 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	3.09	mg/Kg	0.996	10/20/2017 2:22:00 PM	KNP	EPA 6020A	
Barium	21.1	mg/Kg	0.996	10/20/2017 2:22:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	0.996	10/20/2017 2:22:00 PM	KNP	EPA 6020A	
Chromium	6.39	mg/Kg	0.996	10/20/2017 2:22:00 PM	KNP	EPA 6020A	
Lead	6.18	mg/Kg	0.996	10/20/2017 2:22:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.0996	10/20/2017 2:22:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	0.996	10/20/2017 2:22:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	0.996	10/20/2017 2:22:00 PM	KNP	EPA 6020A	
%moisture	0.8	Percent		10/2/2017	ARY	%moisture	

<b>Sample Number</b>	170929024-020	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B39 20-25	<b>Sampling Time</b>	3:50 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Arsenic	3.69	mg/Kg	1.11	10/20/2017 2:43:00 PM	KNP	EPA 6020A	
Barium	25.2	mg/Kg	1.11	10/20/2017 2:43:00 PM	KNP	EPA 6020A	
Cadmium	ND	mg/Kg	1.11	10/20/2017 2:43:00 PM	KNP	EPA 6020A	
Chromium	4.82	mg/Kg	1.11	10/20/2017 2:43:00 PM	KNP	EPA 6020A	
Lead	3.74	mg/Kg	1.11	10/20/2017 2:43:00 PM	KNP	EPA 6020A	
Mercury-ICPMS	ND	mg/Kg	0.111	10/20/2017 2:43:00 PM	KNP	EPA 6020A	
Selenium	ND	mg/Kg	1.11	10/20/2017 2:43:00 PM	KNP	EPA 6020A	
Silver	ND	mg/Kg	1.11	10/20/2017 2:43:00 PM	KNP	EPA 6020A	
%moisture	12.6	Percent		10/2/2017	ARY	%moisture	

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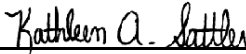
---

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

Authorized Signature

  
\_\_\_\_\_  
Kathleen A. Sattler, Lab Manager

E2 Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix  
MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170929024-004	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B36 5-9	<b>Sampling Time</b>	10:25 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>PQL</b>	<b>Analysis Date</b>	<b>Analyst</b>	<b>Method</b>	<b>Qualifier</b>
Diesel	<50	mg/kg	50	10/12/2017 1:46:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	10/12/2017 1:46:00 PM	ARY	WATPH-HCID	
Lube Oil	1650	mg/kg	500	10/12/2017 1:46:00 PM	ARY	WATPH-HCID	
%moisture	8.9	Percent		10/2/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170929024-004	<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
<b>Surrogate Standard</b>	hexacosane	WATPH-HCID		130.0		50-150	
<b>Sample Number</b>	170929024-005	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B36 10-15	<b>Sampling Time</b>	10:40 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>PQL</b>	<b>Analysis Date</b>	<b>Analyst</b>	<b>Method</b>	<b>Qualifier</b>
Diesel	<50	mg/kg	50	10/10/2017 9:26:00 PM	ARY	WATPH-HCID	
Gasoline	<25	mg/kg	25	10/10/2017 9:26:00 PM	ARY	WATPH-HCID	
Lube Oil	583	mg/kg	100	10/10/2017 9:26:00 PM	ARY	WATPH-HCID	
%moisture	1.3	Percent		10/2/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170929024-005	<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
<b>Surrogate Standard</b>	hexacosane	WATPH-HCID		85.8		50-150	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170929024-007	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B37 10-15	<b>Sampling Time</b>	11:15 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	0/10/2017 10:22:00 PM	ARY	NWTPHDX	
Lube Oil	419	mg/kg	100	0/10/2017 10:22:00 PM	ARY	NWTPHDX	
%moisture	0.7	Percent		10/2/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170929024-007				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
hexacosane		NWTPHDX	98.8	50-150	

<b>Sample Number</b>	170929024-008	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B37 15-20	<b>Sampling Time</b>	11:30 AM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	0/10/2017 11:18:00 PM	ARY	NWTPHDX	
Lube Oil	144	mg/kg	100	0/10/2017 11:18:00 PM	ARY	NWTPHDX	
%moisture	0.9	Percent		10/2/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170929024-008				
<b>Surrogate Standard</b>		<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>	
hexacosane		NWTPHDX	61.6	50-150	

# Anatek Labs, Inc.

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170929024-010	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B37 25-30	<b>Sampling Time</b>	12:05 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>PQL</b>	<b>Analysis Date</b>	<b>Analyst</b>	<b>Method</b>	<b>Qualifier</b>
Diesel	ND	mg/kg	25	0/11/2017 12:15:00 AM	ARY	NWTPHDX	
Lube Oil	615	mg/kg	100	0/11/2017 12:15:00 AM	ARY	NWTPHDX	
%moisture	0.7	Percent		10/2/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170929024-010	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
<b>Surrogate Standard</b>	hexacosane	NWTPHDX	109.4	50-150

<b>Sample Number</b>	170929024-013	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B38 15-20	<b>Sampling Time</b>	1:00 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>PQL</b>	<b>Analysis Date</b>	<b>Analyst</b>	<b>Method</b>	<b>Qualifier</b>
Diesel	ND	mg/kg	25	10/11/2017 1:10:00 AM	ARY	NWTPHDX	
Lube Oil	159	mg/kg	100	10/11/2017 1:10:00 AM	ARY	NWTPHDX	
%moisture	0.3	Percent		10/2/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170929024-013	<b>Method</b>	<b>Percent Recovery</b>	<b>Control Limits</b>
<b>Surrogate Standard</b>	hexacosane	NWTPHDX	115.2	50-150

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170929024-016	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM		
<b>Client Sample ID</b>	B38 27-29	<b>Sampling Time</b>	2:15 PM	<b>Extraction Date</b>			
<b>Matrix</b>	Soil	<b>Sample Location</b>					
<b>Comments</b>							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	10/9/2017 5:21:00 PM	ARY	NWTPHDX	
Lube Oil	ND	mg/kg	100	10/9/2017 5:21:00 PM	ARY	NWTPHDX	
%moisture	2.8	Percent		10/2/2017	ARY	%moisture	

## Surrogate Data

<b>Sample Number</b>	170929024-016			
Surrogate Standard	Method	Percent Recovery	Control Limits	
hexacosane	NWTPHDX	119.2	50-150	

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SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170929024-019      **Sampling Date** 9/27/2017      **Date/Time Received** 9/28/2017 1:30 PM  
**Client Sample ID** B39 15-20      **Sampling Time** 3:30 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	10/9/2017 6:17:00 PM	ARY	NWTPHDX	
Lube Oil	842	mg/kg	100	10/9/2017 6:17:00 PM	ARY	NWTPHDX	
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170929024-019      **Sampling Date** 9/27/2017      **Date/Time Received** 9/28/2017 1:30 PM  
**Client Sample ID** B39 15-20      **Sampling Time** 3:30 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Carbon Tetrachloride	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/3/2017 7:25:00 PM	ACS	EPA 8260C	
%moisture	0.8	Percent		10/2/2017	ARY	%moisture	

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**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

<b>Sample Number</b>	170929024-019	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM
<b>Client Sample ID</b>	B39 15-20	<b>Sampling Time</b>	3:30 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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## Surrogate Data

<b>Sample Number</b>	170929024-019						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		101.4		70-130	
4-Bromofluorobenzene		EPA 8260C		95.0		70-130	
Toluene-d8		EPA 8260C		100.0		70-130	
hexacosane		NWTPHDX		105.6		50-150	

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**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170929024-020      **Sampling Date** 9/27/2017      **Date/Time Received** 9/28/2017 1:30 PM  
**Client Sample ID** B39 20-25      **Sampling Time** 3:50 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	ND	mg/kg	25	10/11/2017 2:06:00 AM	ARY	NWTPHDX	
Lube Oil	681	mg/kg	100	10/11/2017 2:06:00 AM	ARY	NWTPHDX	
1,1,1,2-Tetrachloroethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,1,1-Trichloroethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,1,2-Trichloroethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,1-Dichloroethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,1-Dichloroethene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,1-dichloropropene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2,3-Trichlorobenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2,3-Trichloropropane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2,4-Trichlorobenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2,4-Trimethylbenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2-Dibromoethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2-Dichlorobenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2-Dichloroethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,2-Dichloropropane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,3,5-Trimethylbenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,3-Dichlorobenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,3-Dichloropropane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
1,4-Dichlorobenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
2,2-Dichloropropane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
2-Chlorotoluene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
2-hexanone	ND	µg/Kg	50	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
4-Chlorotoluene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Acetone	ND	µg/Kg	50	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Acrylonitrile	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Benzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Bromobenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Bromochloromethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Bromodichloromethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Bromoform	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Bromomethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Carbon disulfide	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	

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**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

**Sample Number** 170929024-020      **Sampling Date** 9/27/2017      **Date/Time Received** 9/28/2017 1:30 PM  
**Client Sample ID** B39 20-25      **Sampling Time** 3:50 PM      **Extraction Date**  
**Matrix** Soil      **Sample Location**  
**Comments**

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Carbon Tetrachloride	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Chlorobenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Chloroethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Chloroform	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Chloromethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
cis-1,2-dichloroethene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
cis-1,3-Dichloropropene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Dibromochloromethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Dibromomethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Dichlorodifluoromethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Ethylbenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Hexachlorobutadiene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Isopropylbenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
m+p-Xylene	ND	µg/Kg	20	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	µg/Kg	50	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	µg/Kg	50	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Methylene chloride	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Naphthalene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
n-Butylbenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
n-Propylbenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
o-Xylene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
p-isopropyltoluene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
sec-Butylbenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Styrene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
tert-Butylbenzene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Tetrachloroethene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Toluene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
trans-1,2-Dichloroethene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
trans-1,3-Dichloropropene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Trichloroethene	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Trichlorofluoromethane	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
Vinyl Chloride	ND	µg/Kg	10	10/3/2017 7:54:00 PM	ACS	EPA 8260C	
%moisture	12.6	Percent		10/2/2017	ARY	%moisture	

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**Attn:** STEVE BURCHETT

**Batch #:** 170929024  
**Project Name:** NORMANDIE X17444

## Analytical Results Report

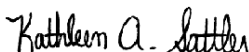
<b>Sample Number</b>	170929024-020	<b>Sampling Date</b>	9/27/2017	<b>Date/Time Received</b>	9/28/2017 1:30 PM
<b>Client Sample ID</b>	B39 20-25	<b>Sampling Time</b>	3:50 PM	<b>Extraction Date</b>	
<b>Matrix</b>	Soil	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
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### Surrogate Data

<b>Sample Number</b>	170929024-020						
<b>Surrogate Standard</b>		<b>Method</b>		<b>Percent Recovery</b>		<b>Control Limits</b>	
1,2-Dichlorobenzene-d4		EPA 8260C		103.0		70-130	
4-Bromofluorobenzene		EPA 8260C		96.6		70-130	
Toluene-d8		EPA 8260C		100.0		70-130	
hexacosane		NWTPHDX		125.4		50-150	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

# Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com  
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

## Login Report

**Customer Name:** BUDINGER AND ASSOCIATES

1101 N FANCHER RD

SPOKANE VALLEY WA 99212

**Order ID:** 170929024

**Order Date:** 9/29/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170929024-001 **Customer Sample #:** B34 0-5

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 10:15 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170929024-002 **Customer Sample #:** B34 5-10

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 10:25 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<b><u>Normal (~10 Days)</u></b>

---

**Sample #:** 170929024-003 **Customer Sample #:** B36 0-5

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 10:10 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<b><u>Normal (~10 Days)</u></b>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170929024  
**Order Date:** 9/29/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170929024-004 **Customer Sample #:** B36 5-9

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 10:25 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	10/10/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/10/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-005 **Customer Sample #:** B36 10-15

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 10:40 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
HCID	S	WATPH-HCID	10/10/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/10/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170929024  
**Order Date:** 9/29/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170929024-006 **Customer Sample #:** B37 5-9

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 11:00 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-007 **Customer Sample #:** B37 10-15

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 11:15 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	10/10/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-008 **Customer Sample #:** B37 15-20

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 11:30 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	10/10/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-009 **Customer Sample #:** B37 20-25

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 11:45 AM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170929024  
**Order Date:** 9/29/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170929024-010 **Customer Sample #:** B37 25-30

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 12:05 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	10/10/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-011 **Customer Sample #:** B38 5-10

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 12:10 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-012 **Customer Sample #:** B38 10-15

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 12:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-013 **Customer Sample #:** B38 15-20

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 1:00 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	10/10/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170929024  
**Order Date:** 9/29/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170929024-014 **Customer Sample #:** B38 20-25

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 1:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-015 **Customer Sample #:** B38 25-27

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 1:50 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-016 **Customer Sample #:** B38 27-29

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 2:15 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	10/10/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-017 **Customer Sample #:** B39 5-10

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 2:45 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170929024  
**Order Date:** 9/29/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

---

**Sample #:** 170929024-018 **Customer Sample #:** B39 10-15

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 3:05 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
HOLD	S	hold	9/27/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-019 **Customer Sample #:** B39 15-20

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 3:30 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	10/10/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/10/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Barium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/10/2017	<u>Normal (~10 Days)</u>

---

**Sample #:** 170929024-020 **Customer Sample #:** B39 20-25

**Recv'd:**  **Matrix:** Soil **Collector:** MIKE TEEL **Date Collected:** 9/27/2017

**Quantity:** 2 **Date Received:** 9/28/2017 1:30:00 PM **Time Collected:** 3:50 PM

**Comment:**

Test	Lab	Method	Due Date	Priority
%Moisture	S	%moisture	10/10/2017	<u>Normal (~10 Days)</u>
TPHDX-NW	S	NWTPHDX	10/10/2017	<u>Normal (~10 Days)</u>
VOC 8260 SPO	S	EPA 8260C	10/10/2017	<u>Normal (~10 Days)</u>
Arsenic	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>

**Customer Name:** BUDINGER AND ASSOCIATES  
1101 N FANCHER RD  
SPOKANE VALLEY WA 99212

**Order ID:** 170929024  
**Order Date:** 9/29/2017

**Contact Name:** STEVE BURCHETT

**Project Name:** NORMANDIE X17444

**Comment:**

Barium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Cadmium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Chromium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Lead	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Mercury-ICPMS	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Selenium	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
Silver	S	EPA 6020A	10/10/2017	<u>Normal (~10 Days)</u>
TOTAL 8	S	N/A	10/10/2017	<u>Normal (~10 Days)</u>

**SAMPLE CONDITION RECORD**

---

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature of the sample(s)? (°C)	-1.6/-1.7
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Labels and chain agree?	Yes
Total number of containers?	40



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70929 024 BUDI** Last Due **10/10/2017**  
 1st SAMP 9/27/2017 1st RCVD 9/28/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger Inc.</b>	Project Manager: <b>S. Burchett</b>
Address: <b>1101 N. Faucher</b>	Project Name & #: <b>Normandie X17444</b>
City: <b>Spokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>535 8841</b>	Purchase Order #:
Fax:	Sampler Name & phone: <b>Teel</b>

**Turn Around Time & Reporting**

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

<input checked="" type="checkbox"/> Normal	*All rush order requests must be prior approved.	<input type="checkbox"/> Phone
<input type="checkbox"/> Next Day*		<input type="checkbox"/> Mail
<input type="checkbox"/> 2nd Day*		<input type="checkbox"/> Fax
<input type="checkbox"/> Other*		<input type="checkbox"/> Email

**Provide Sample Description** **List Analyses Requested**

Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative		HClD	RUBAB	TPH Dx	VOCs							
				# of Containers	Sample Volume											
1	B34 0-5	9/27 10:15	S	2												
2	B34 5-10	9/27 10:25	S	2												
3	B36 0-5	9/27 10:10	S	2												
4	B36 5-9	9/27 10:25	S	2		X	X									
5	B36 10-15	9/27 10:40	S	2		X	X									
6	B37 5-9	9/27 11:00	S	2												
7	10-15	11:15	S	2				X								
8	15-20	11:30	S	2				X								
9	20-25	11:45	S	2												
10	25-30	12:05	S	2				X								

**Note Special Instructions/Comments**

SWBS - all

**Inspection Checklist**

Received Intact?	<input checked="" type="checkbox"/>	N
Labels & Chains Agree?	<input checked="" type="checkbox"/>	N
Containers Sealed?	<input checked="" type="checkbox"/>	N
VOC Head Space?	<input checked="" type="checkbox"/>	N

h/c/i

Temperature (°C): **-1.6/-1.5 IR1**

Preservative: \_\_\_\_\_

Date & Time: **9-28-17 1330**

Inspected By: **WJG**

	Printed Name	Signature	Company	Date	Time
Relinquished by	<b>MIKE TEEL</b>	<i>Mike Teel</i>	<b>B&amp;A</b>	<b>9/27</b>	<b>18:00</b>
Received by		<i>Mike Teel</i>		<b>9/28</b>	<b>13:30</b>
Relinquished by		↓		<b>L</b>	<b>L</b>
Received by	<b>Wendy Dz</b>	<i>Wendy Dz</i>	<b>Anatek</b>	<b>9/28/17</b>	<b>1330</b>
Relinquished by					
Received by					



**Chain of Custody Record**

1282 Alturas Drive, Moscow ID 83843 (208) 883-2839 FAX 882-9246  
 504 E Sprague Ste D, Spokane WA 99202 (509) 838-3999 FAX 838-4433

**70929 024 BUDI** Last Due **10/10/2017**  
 1st SAMP 9/27/2017 1st RCVD 9/28/2017  
**NORMANDIE X17444**

Company Name: <b>Budinger &amp; Associates</b>	Project Manager: <b>Steve Burchett</b>
Address: <b>1101 N. Fancher</b>	Project Name & #: <b>Normandie X17444</b>
City: <b>Spokane Valley</b> State: <b>WA</b> Zip: <b>99212</b>	Email Address: <b>sburchett@budingerinc.com</b>
Phone: <b>509-535 8841</b>	Purchase Order #: <b>X17444</b>
Fax:	Sampler Name & phone: <b>Teel</b>

Turn Around Time & Reporting

Please refer to our normal turn around times at:  
<http://www.anateklabs.com/services/guidelines/reporting.asp>

Normal  Phone  
 Next Day\*  Mail  
 2nd Day\*  Fax  
 Other\*  Email

\*All rush order requests must be prior approved.

Provide Sample Description					List Analyses Requested					Note Special Instructions/Comments				
Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative:	# of Containers	Sample Volume	HClD	PERA8	TPH DX	VOCS				
11	B38 5-10	9/27/17 1210	S		2									
12	B38 10-15	9/27 1230	S		2									
13	B38 15-20	9/27 1300	S		2			X						
14	B38 20-25	9/27 1330	S		2									
15	B38 25-27	9/27 1350	S		2									
16	B38 27-29	9/27 1415	S		2			X						
17	B39 5-10	9/27 1445	S		2									
18	B39 10-15	9/27 1505	S		2									
19	B39 15-20	9/27 1530	S		2			X	X	X				
20	B39 20-25	9/27 1550	S		2			X	X	X				

**Inspection Checklist**

Received Intact?  Y  N  
 Labels & Chains Agree?  Y  N  
 Containers Sealed?  Y  N  
 VOC Head Space?  Y  N

*h/c/i*

Temperature (°C): -1.6/-1.5 IP1  
 Preservative: \_\_\_\_\_  
 Date & Time: 9-28-17 1330  
 Inspected By: W/O

	Printed Name	Signature	Company	Date	Time
Relinquished by	MIKE TEEL	<i>Mike Teel</i>	BDA	9/27	1800
Received by		<i>Mike Teel</i>	L	9/28	1330
Relinquished by		<i>+</i>	L		<i>+</i>
Received by	Wendy Dz	<i>Wendy Dz</i>	Anatek	9/28/17	1330
Relinquished by					
Received by					

# Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com  
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

**Client:** BUDINGER AND ASSOCIATES  
**Address:** 1101 N FANCHER RD  
SPOKANE VALLEY, WA 99212  
**Attn:** STEVE BURCHETT

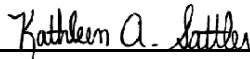
**Batch #:** 170908044  
**Project Name:** X17444

## Analytical Results Report

<b>Sample Number</b>	170908044-001	<b>Sampling Date</b>	9/8/2017	<b>Date/Time Received</b>	9/8/2017 3:48 PM
<b>Client Sample ID</b>	B-13 WATER	<b>Sampling Time</b>	10:40 AM	<b>Extraction Date</b>	
<b>Matrix</b>	Water	<b>Sample Location</b>			
<b>Comments</b>					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Dissolved Arsenic	0.00658	mg/L	0.001	10/26/2017 12:35:00 PM	KNP	EPA 200.8	
Dissolved Barium	0.0540	mg/L	0.001	10/26/2017 12:35:00 PM	KNP	EPA 200.8	
Dissolved Cadmium	ND	mg/L	0.001	10/26/2017 12:35:00 PM	KNP	EPA 200.8	
Dissolved Chromium	0.00202	mg/L	0.001	10/26/2017 12:35:00 PM	KNP	EPA 200.8	
Dissolved Lead	0.00560	mg/L	0.001	10/26/2017 12:35:00 PM	KNP	EPA 200.8	
Dissolved Mercury-lcpms	ND	mg/L	0.0001	10/26/2017 12:35:00 PM	KNP	EPA 200.8	
Dissolved Selenium	ND	mg/L	0.001	10/26/2017 12:35:00 PM	KNP	EPA 200.8	
Dissolved Silver	ND	mg/L	0.001	10/26/2017 12:35:00 PM	KNP	EPA 200.8	

Authorized Signature



Kathleen A. Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level  
ND Not Detected  
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.  
The results reported relate only to the samples indicated.  
Soil/solid results are reported on a dry-weight basis unless otherwise noted.