DEPARTMENT OF ECOLOGY
State of Washington

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

REQUEST FOR OPINION FORM

Use this form to request a written opinion on your planned or completed independent remedial action under the Voluntary Cleanup Program (VCP). Attach to this form the plans or reports documenting the remedial action. Please submit only one form for each request.

Step 1: IDENTIFY HAZARDOUS WASTE SITE

Please identify below the hazardous waste site for which you are requesting a written opinion under the VCP. This information may be found on the VCP Agreement.

Facility/Site Name: Nel/Son Distributing Inc.	
Facility/Site Address: 201 W. Stanley St.	
Facility/Site No: 48574863	VCP Project No.: NW2982

Step 2: REQUEST WRITTEN OPINION ON PLAN OR REPORT

What type of independent remedial action plan or report are you submitting to Ecology for review under the VCP? Please check all that apply.

- ☐ Remedial investigation plan
- ☒ Remedial investigation report
- ☐ Feasibility study report
- ☐ Property cleanup* plan (* cleanup of one or more parcels located within the Site)
- ☐ Property cleanup* report
- ☐ Site cleanup plan
- ☐ Site cleanup report
- ☐ Other – please specify:

Do you want Ecology to provide you with a written opinion on the planned or completed independent remedial action?

☒ Yes ☐ No

Please note that Ecology's opinion will be limited to:

- Whether the planned or completed remedial action at the site meets the substantive requirements of the Model Toxics Control Act (MTCA), and/or
- Whether further remedial action is necessary at the site under MTCA.

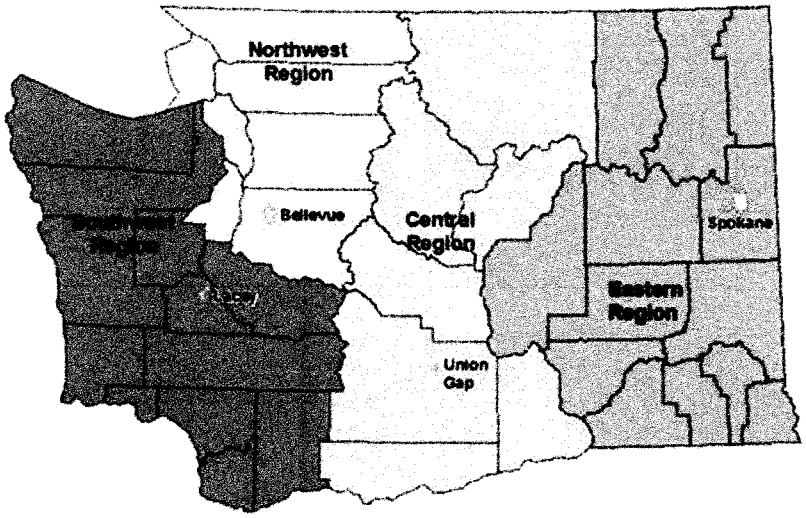
Step 3: REPRESENTATIONS AND SIGNATURE

The undersigned representative of the Customer hereby certifies that he or she is fully authorized to request services from Ecology under the Agreement for this VCP Project.

Name: Timothy S. Slotta		Title: Hydrogeologist
Signature:		Date: 11/20/17
Organization: Slotta Design and Consulting		
Mailing address: P.O. Box 2071		
City: Kirkland	State: WA	Zip code: 98083
Phone: (206)459-5775	Fax:	E-mail: ts4sdc@hotmail.com

Step 4: SUBMITTAL

Please mail your completed form and the independent remedial action plan or report that you are requesting Ecology review to the site manager Ecology assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.



Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 1250 West Alder St. Union Gap, WA 98903-0009
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

SD&C
PO Box 2071, Kirkland, WA 98083 **Phone (206)459-5775**
Email: ts4sdc@hotmail.com

April 28, 2017

Mr. Mark Nelson
Nel/Son Distributing Inc.
1125 SW 80th Street
Everett, WA 98203

Subject: Subsurface Soil and Groundwater Investigation Report
201 W. Stanley Street
Granite Falls, WA

Dear Mr. Nelson:

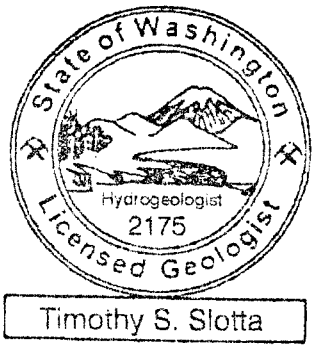
Slotta Design and Consulting (SD&C) is pleased to present this report documenting the subsurface investigation recently conducted at the Nel/Son Distributing Inc. facility referenced above. The site investigation was conducted in accordance with your request, and SD&C's Cost Estimate for Subsurface Investigation dated December 7, 2016. The purpose of the work was to collect subsurface data on the northern portion of the Nel/Son property where there was historical evidence of a railroad station building.

If you have any questions about this project or report, please contact SD&C at (206) 459-5775. We appreciate the opportunity to work with you on this project.

Respectfully,

SD&C

Timothy S. Slotta L.H.G. #2175
Hydrogeologist



SD&C
PO Box 2071, Kirkland, WA 98083 Phone (206)459-5775 Fax (425)820-8368

Subsurface Soil and Groundwater Investigation Report

Nel/Son Distributing Inc.
201 W. Stanley Street
Granite Falls, WA

Prepared for:

Nel/Son Distributing Inc.
1125 SW 80th Street
Everett, WA 98203

Submitted by:

Slotta Design & Construction
PO Box 2071
Kirkland, WA 98083

April 28, 2017

Timothy S. Slotta L.H.G. #2175
Hydrogeologist

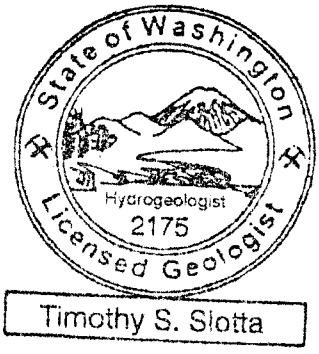


TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Project Description

This report presents the results of the subsurface investigation recently conducted by Slotta Design and Consulting (SD&C) at the former Nel/Son Distributing Inc. (Nel/Son) bulk fuel facility (Site) located at 201 W. Stanley Street in Granite Falls, WA (Figure 1). The subsurface soil investigation was conducted in accordance with Nel/Son's request and SD&C's *Cost Estimate for Subsurface Investigation* dated December 7, 2016. The purpose of the work was to collect subsurface data in on the northern portion of Site where historical records indicate there was previously a railroad station building and associated tracks. The subsurface investigation was conducted concurrently with quarterly groundwater sampling, conducted on the southern portion of the Site. The first quarter Q1-2017 groundwater sampling results are also presented in this report.

The work was conducted in response to the Washington Department of Ecology's (Ecology) Voluntary Cleanup Program (VCP), which advised that a conceptual site model (CSM) was required prior to rendering an opinion regarding the demolition and remediation activities conducted at the Site during 2016. The upgradient subsurface investigation is intended to provide additional data for the CSM regarding the northern portion of the Site and is not intended to be a complete remedial investigation evaluating potential off-site receptors and vapor intrusion pathways. The quarterly groundwater sampling was conducted with the intent of collecting four consecutive quarters of monitoring results with concentrations below Ecology's Model Toxics Control Act (MTCA) method A regulatory cleanup levels (RCLs).

1.2 Scope of Work

The scope of work during this subsurface investigation included the following tasks:

- Reviewing the past investigation results for the Site
- Subcontracting a Washington licensed surveyor to establish the boundary of the Site
- Conducting utility locating for each test pit location
- Observing the advancement of ten subsurface test pits using a mini-excavator and hand auger to install well points to a depth of 10 ft. below ground surface (bgs)
- Characterizing the geology in each test pit, and screening soil samples for PHCs
- Collecting soil and groundwater samples from the test pits to evaluate petroleum hydrocarbon compound (PHC) concentrations
- Collecting groundwater samples from each of the monitoring wells at the Site
- Submitting soil and groundwater samples for laboratory analysis
- Preparing a summary report to document Site activities, and provide conclusions and recommendations.

2.0 BACKGROUND

2.1 Site Description Historical Summary

The rectangular shaped Site is approximately one-acre in size and located in a commercial area of downtown Granite Falls (Lat/Long: 48.083550 N and 121.970680 W) as illustrated in Figure 1. The Site is situated at an elevation of 402 feet above mean sea level, and the regional slope of the topography in the area trends downward toward the Pilchuck River located approximately 0.5 miles to the southwest. However, the Site also has a slight slope to the northwest where water ponds on the ground surface during significant rain events.

The southern half of Site was operated by Nel/Son as a bulk fuel facility from 1967 to 1980 as an agent of Chevron (Standard Oil), but Chevron leased the property. In 1980 Nel/Son assumed the lease until it Nelson Family Properties LLC purchased the property in 2008. Nel/Son continued to operate on the property until the bulk plant facility was decommissioned in 2015. During its operations, Nel/Son stored and distributed gasoline and Diesel fuel from above ground storage tanks. The facility included four aboveground storage tanks in a concrete compound, three pumping islands, a warehouse and operations building, and a small pump monitoring shed as illustrated in Figure 2. Prior to Nel/Son's operations, the Site was owned and operated by Standard Oil (Chevron) as a bulk fuel facility since 1938. The majority of the Site was unpaved prior to 1983, when Nel/Son paved the southern fueling areas, installed a surface water retention system, and oil-water separator. The southern portion of Site was cleared in 2016, and all buildings, tanks and pumping equipment were removed; accordingly, the Site is currently undeveloped.

The northern portion of the Site is undeveloped and is surfaced by deciduous trees and blackberry vines. Review of historical maps and other documents indicate the northern portion of the Site was previously occupied by a railroad spur for predecessors to the Burlington Northern Railroad from approximately 1892 until the mid-1930s and a passenger station was located on the Site. The configuration of the past fuel transfer operations between the railroad and the bulk fuel facility are not well documented.

The Site is bordered by:

- North by a vacant, flat graded, undeveloped property that includes an engineered pond.
- South by Stanley Street, and residential, and commercial properties further to the south, and an unbranded gasoline station to the southwest that is currently vacant.
- West by an unpaved lot and an appliance repair and sales company.
- East by a Shell gasoline distribution station and mini-mart convenience store.

2.2 Past Site Investigations

Past environmental investigations of the Site include: Environmental Associates (EA) *Preliminary Subsurface Exploration Report* dated December 9, 2003, and SD&C's *Phase I and II Environmental Site Assessment* dated April 3, 2008, SD&C's *Subsurface Investigation Report*

dated January 14, 2016, and SD&C's *Site Demolition and Soil Excavation Report* dated August 28, 2016.

The 2003 results of the soil samples collected by EA exceeded the MTCA RCL for Diesel in one (B-7) of seven borings. Soil samples collected at two off-site borings located on the western adjacent property contained detectable concentrations of Diesel that did not exceed the RCLs. The results of groundwater samples collected from the seven borings contained Diesel exceeding cleanup levels in five locations. Groundwater samples collected from two of borings (B-4 and B-6) were located on the adjacent property to the west, and one sample collected from boring (B-3) located on the south property line exceeded the RCLs for Diesel.

SD&C's 2008 investigation mirrored the sample locations previously collected by EA. Five of the seven soil borings contained Diesel in soil. One soil sample at the Site (SB-2) exceeded the MTCA RCLs for Diesel. The soil samples collected from three off-site borings (SB-3, 4, 5) on the western located property contained detectable concentrations of Diesel below the cleanup levels. Groundwater samples collected from two borings at the Site (SB-2 and SB-6) exceeded the Diesel cleanup levels and SB-6 also contained gasoline, and benzene exceeding the cleanup levels. The soil sample collected from SB-2 was additionally submitted for an age dating evaluation by Friedman Bruya Inc. (FBI) laboratory. The results of the age dating evaluation indicated that the Diesel in the sample had "undergone significant aging of a minimum of 11 years prior to the sampling date".

SD&C's 2015 investigation was conducted to install monitoring wells in five locations on the perimeter of the Site outside the facility demolition area. Two additional soil borings were conducted to further define subsurface Site conditions. Soil samples collected from three of seven borings contained detectable concentrations of Diesel below MTCA RCLs. Three soil borings contained gasoline exceeding RCLs (MW-3, 4 and SB-10). Groundwater samples collected from all of the monitoring wells (MW-1 through 5) contained Diesel at concentrations exceeding the RCLs. MW-4 also contained gasoline and benzene at concentrations that exceeded the RCLs.

SD&C conducted the Site demolition and soil excavation activities at the Nel/Son facility during June and July 2016. All buildings, foundations and piping were removed to the property boundaries, and the Site is currently level and unpaved. A total of 2,683.31 tons of soil were disposed of off-site at a licensed treatment and disposal facility, Iron Mountain Quarry of Granite Falls, WA. Soil sample results indicated that the majority of PHC impacted soil was removed from the site. There are concentrations of PHC exceeding the RCLs that remained outside of the south, west, and eastern property boundaries, and the floor of the excavation beneath the utilities located on the southeastern entrance to the western adjacent site.

3.0 SUBSURFACE INVESTIGATION

3.1 Boundary Survey

Prior to initiating the field work, the property was surveyed and rebar and flagging was set at the property corners. The survey was recorded at Snohomish County. The results of the survey were used to locate the proposed test pit and sample locations in the field. The survey indicated that the southern fence line from the eastern property encroaches onto the Site approximately 3 feet.

3.2 Subsurface Test Pits and Monitoring Wells

The one-call utility locating service was contacted prior to field work, and a private utility locator CNI was onsite to clear the test pit locations. Wes Roberts Construction of Smokey Point, WA was subcontracted to conduct the test pits using a mini-excavator on March 7, 1017. The project was initially scoped using a remote access Geoprobe, but because of the heavy brush clearing and saturated soil conditions, a mini-excavator was selected to perform the investigation. The subsurface test pit / sample (SB/TP) locations are illustrated on the attached Figure 2.

The test pits were conducted under the supervision of a Washington Licensed Hydrogeologist (LHG), who prepared test pit logs and submitted selected samples for laboratory analysis. The logs of the soil lithology are included in Appendix I. The test pits locations were situated as follows:

SB/TP-11	5 ft. South and 15 ft. East of the Northeast Property Corner
SB/TP-12	5 ft. South and 60 ft. East of the Northeast Property Corner
SB/TP-13	10 ft. South and 40 ft. West of the Northwest Property Corner
SB/TP-14	40 ft. South and 35 ft. West of the Northwest Property Corner
SB/TP-15	50 ft. South and 80 ft. West of the Northwest Property Corner
SB/TP-16	40 ft. South and 55 ft. West of the Northeast Property Corner
SB/TP-17	40 ft. South and 30 ft. East of the Northeast Property Corner
SB/TP-18	55 ft. South and 20 ft. East of the Northwest Property Corner
SB/TP-19	65 ft. South and 70 ft. East of the Northwest Property Corner
SB/TP-20	65 ft. South and 25 ft. East of the Northwest Property Corner

The soil samples were collected from the test pit excavation (5 ft. bgs) before groundwater accumulated. The depth of the test pits was limited to 10 ft. bgs.

On March 16, 2017, SD&C installed hand driven well point probes into each of the test pits and collected groundwater samples using a low flow peristaltic pump. The groundwater was typically encountered at less than two feet depth in each of the temporary well points. Surveyed elevation data was not collected for the temporary well points.

An electronic water level indicator was used to measure the depth to water in each of the monitoring wells. The depth to water measurements are summarized in Table 1 and illustrated in Figure 3. The depth to groundwater in the monitoring wells was measured to be between 1.65 to 1.78 ft. bgs and has a flat gradient of 0.011 ft. /ft. and flows in a northwesterly direction. There

was no sheen or PHC odor identified in any of the test pit samples or the monitoring wells during the sampling events.

4.0 CHEMICAL ANALYSIS AND RESULTS

4.1 Soil and Groundwater Sampling

Soil samples were collected directly from each test pit and stored in laboratory prepared glassware including 4 oz. jars and 40 mL glass vials with Teflon-lined septum caps for volatile organic analysis (per EPA Method 5035). Two soil samples containers were collected from each test pit sampling location. Groundwater samples analyzed for volatile organic compounds were contained in 40 mL glass vials with Teflon-lined septum caps and two drops 1:1 HCL. Water samples analyzed for Diesel were collected in 1-Liter amber bottles. Two vials and one bottle were collected from each sample location. The sample vials were labeled including the test pit/ sample boring location, date, time, and project name and stored iced coolers at 4-degrees Celsius until delivery to the laboratory.

Groundwater samples were collected from each of the monitoring wells after the monuments were opened, and residual water was removed using a transfer pipet. The locking thermistor caps were removed and a water level indicator was placed inside to measure the depth to water in each well casing. The wells were purged of three columns of groundwater. The purge water from the wells was treated and disposed on-site using carbon filtration. After purging the wells, the water levels were allowed to equilibrate.

4.2 Laboratory Analyses of Samples

The samples were submitted under chain of custody to ALS Laboratory located in Everett, WA, for analysis for the following PHCs:

- Gasoline using Ecology Methods NWTPH-Gx,
- Diesel using Ecology Method NWTPH-Dx,
- Benzene, Toluene, Ethyl Benzene, Xylenes (BTEX) using EPA Method 8021B;

4.3 Results of Sample Analyses

The laboratory results of soil samples collected from the test pits are summarized in Table 2; the results of groundwater results from the test pits are summarized in Table 3 and illustrated on Figure 2. The results of the groundwater samples from the monitoring wells are summarized in Table 4. All of the sample results have been input into Ecology's EIM database.

The results of soil samples contained detectable concentrations PHCs as Diesel and heavy oil in four of the ten test pit/ sample locations (SB/TP-12, 13, 14 and 18). The Diesel and the heavy oil concentrations in the four test pit samples did not exceed the MTCA method A RCLs. Gasoline and volatile organic compounds BTEX were not detected in any of the soil samples.

The results of groundwater samples collected from the test pits contained PHCs as Diesel and heavy oil in all of the sampling locations (SB/TP 11 through 20). The Diesel and heavy oil concentrations exceeded the MTCA RCLs in all locations with the exception of SB/TP-17 and 18. The groundwater samples collected from the test pits did not contain detectable concentrations of gasoline or BTEX.

The groundwater samples collected from the monitoring wells did not contain PHCs at concentrations exceeding the MTCA RCLs with the exception of MW-3, which contained Diesel above the MTCA method A cleanup level. The groundwater samples collected from MW-1 and MW-2 did not contain detectable concentrations of PHCs and none of the wells contained detectable concentrations of BTEX. The samples collected from MW-3 and MW-4 contained gasoline at a concentration that did not exceed the MTCA cleanup levels.

5.0 SUMMARY and CONCLUSIONS

SD&C was contracted to conduct a subsurface investigation at the northern portion of the Site and to collect groundwater samples from the monitoring wells located on the southern portion of the Site. There was no visual or olfactory evidence of PHC impact observed during the subsurface investigation. There were remnants of former industrial activity in the form of corroding corrugated drainage pipes and refuse, such as bottles and cans, in the northern study area. The subsurface materials encountered were characterized as topsoil with a marshy boggy organic soil, which is saturated at a shallow level and underlain by dense glacial soil. The topography of the Site slopes slightly downward, ponding water on the northwestern portion of the Site. The results of soil samples collected from the test pits indicates that the PHC impact to soil appears to be primarily on the topographically lower lying western portion of the northern portion of the Site. The PHC impacted soil contained Diesel and heavy oil, which was not previously stored by Nel/Son and is likely the result of surficial spills from the historical railroad operations.

The recent groundwater elevation data collected from the monitoring wells located on the southern portion of the Site indicates the flow direction is in northwesterly direction. The water flow direction has changed from the previous monitoring events, which indicated the flow was in a southwesterly direction. The quarterly groundwater monitoring has been conducted for less than one year, but it appears that the directional change is due to seasonal fluctuations created by rainfall influencing the shallow groundwater flow direction.

There was no visual sheen or floating product observed on the groundwater or the samples collected from the temporary well points installed in the test pits on the northern portion of the Site. However, the results of groundwater samples collected from the test pits indicate the groundwater on the northern portion of the Site is broadly impacted by Diesel and heavy oil. The groundwater samples collected from the test pits exceeded the MTCA RCLs for Diesel and heavy oil in eight out of the ten locations and was present in all of the sampling locations. Gasoline and BTEX were not detected in any of the sampling locations. The Diesel and heavy oil impacts to

groundwater on the northern portion of the Site also appear to be related to the historical railroad operations.

Results of groundwater samples collected from the monitoring wells on the southern portion of the Site indicated that PHCs have decreased from previous sampling events, and only MW-3 contained Diesel at a concentration that exceeded the MTCA RCLs. Gasoline, Diesel, and heavy oil were also detected in three of the wells MW-3, 4 and 5. Continued groundwater monitoring will be conducted to evaluate water levels, and samples will be collected until four consecutive quarters of data indicate the Site has been remediated below the MTCA RCLs.

6.0 LIMITATIONS

SD&C's conclusions are based on conditions encountered at the time of field activities, information provided, and the results of qualitative sampling. The opinions expressed in this report are based on an evaluation of the subsurface conditions encountered, and the assumption that the subsurface conditions in proximity to the sample sites do not deviate appreciably from those examined. Any unusual conditions not identified during this subsurface investigation should be identified for SD&C so that modifications may be made to this report if necessary.

SD&C's work was performed in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

7.0 REFERENCES

Ecology. October 1992. *Guidance for Site Checks and Site Assessments for Underground Storage Tanks.* Washington State Department of Ecology, Olympia, Washington. 35 pp.

Environmental Associates (EA). December 9, 2003 *Preliminary Subsurface Exploration Report*

SD&C. April 3, 2008 *Phase 1 and 2 Environmental Site Assessment Report*

SD&C. May 1, 2015 *Site Decommissioning and Demolition Plan*

SD&C. August 28, 2016 *Site Demolition and Soil Excavation Report*

APPENDIX I

TEST PIT LOGS

APPENDIX II

LABORATORY ANALYTICAL DATA

Table 1
Monitoring Well Elevation Data
Nelson Petroleum – Granite Falls, WA

Monitoring Well	Date	Casing Elevation	Depth to Groundwater	Groundwater Elevation	Flow Direction	Gradient ft/ft
MW-1	12/15/15	401.44	1.56	399.88	SW	0.012
MW-1	9/9/16	401.44	4.48	396.96	SW	0.016
MW-1	12/12/16	401.44	1.84	399.96	SW	0.010
MW-1	3/17/17	401.44	1.70	399.74	NW	0.011
MW-2	12/15/15	401.45	1.90	399.55	SW	0.012
MW-2	9/9/16	401.45	4.77	396.23	SW	0.016
MW-2	12/12/16	401.45	2.21	399.24	SW	0.010
MW-2	3/17/17	401.45	1.65	399.80	NW	0.011
MW-3	12/15/15	400.52	1.92	398.60	SW	0.012
MW-3	9/9/16	400.52	4.85	395.67	SW	0.016
MW-3	12/12/16	400.52	2.23	398.29	SW	0.010
MW-3	3/17/17	400.52	1.78	398.74	NW	0.011
MW-4	12/15/15	399.73	1.79	397.94	SW	0.012
MW-4	9/9/16	399.73	4.82	394.91	SW	0.016
MW-4	12/12/16	399.73	1.97	397.76	SW	0.010
MW-4	3/17/17	399.73	1.65	398.08	NW	0.011
MW-5	12/15/15	400.73	2.15	398.58	SW	0.012
MW-5	9/9/16	400.73	4.84	395.89	SW	0.016
MW-5	12/12/16	400.73	2.46	398.27	SW	0.010
MW-5	3/17/17	400.73	2.71	399.02	NW	0.011

Notes : Casing Elevation Survey Data Provided by David R. Downing & Associates 12/14/15. Groundwater Elevation data was collected using a water level indicator.

Table 2
Laboratory Chemical Analyses Results for Soil Samples Northern Property Investigation
Nelson Petroleum Facility, Granite Falls, WA

Sample ID	Sample Date	WTPH-G (mg/kg, ppm)	WTPH-D (mg/kg, ppm)	WTPH-O (mg/kg, ppm)	Benzene (mg/kg, ppm)	Toluene (mg/kg, ppm)	Ethyl Benzene (mg/kg, ppm)	Xylenes (mg/kg, ppm)
Soil Test Pits								
SB/TP-11@5'	3/7/17	<3.0	<25	<50	<0.02	<0.05	<0.05	<0.05
SB/TP-12@5'	3/7/17	<3.0	200	740	<0.02	<0.05	<0.05	<0.05
SB/TP-13@5'	3/7/17	<3.0	66	170	<0.02	<0.05	<0.05	<0.05
SB/TP-14@5'	3/7/17	<3.0	59	130	<0.02	<0.05	<0.05	<0.05
SB/TP-15@5'	3/7/17	<3.0	<25	<50	<0.02	<0.05	<0.05	<0.05
SB/TP-16@5'	3/7/17	<3.0	<26	<53	<0.02	<0.05	<0.05	<0.05
SB/TP-17@5'	3/7/17	<3.0	<25	<50	<0.02	<0.05	<0.05	<0.05
SB/TP-18@5'	3/7/17	<3.0	260	370	<0.02	<0.05	<0.05	<0.05
SB/TP-19@5'	3/7/17	<3.0	<25	<50	<0.02	<0.05	<0.05	<0.05
SB/TP-20@5'	3/7/17	<3.0	<25	<50	<0.02	<0.05	<0.05	<0.05
MTCA Method A cleanup level		**100**	**2,000**	**2,000**	**0.03**	**7**	**6**	**9**
Method Reporting Limit		3	25-50	50-250	0.02	0.05	0.05	0.05

Notes: Milligrams per kilogram (mg/kg) parts per million (ppm). <1.0 = not detected at or above the method reporting limit. N/A= not analyzed
MTCA Method A cleanup levels for soil are from Washington Administrative Code (WAC) chapter 173-340 revised 2-12-01.
Soil samples were analyzed for Diesel and Heavy Oil by Ecology method NWTPH-Dx, Gasoline by Ecology method NWTPH-Gx.

Table 3 - Laboratory Chemical Analyses Results for Groundwater Samples Northern Property Investigation
Nelson Petroleum Facility, Granite Falls, WA

Sample ID	Sample Date	WTPH-G (ug/L, ppb)	WTPH-D (ug/L, ppb)	WTPH-O (ug/L, ppb)	Benzene (ug/L, ppb)	Toluene (ug/L, ppb)	Ethyl Benzene (ug/L, ppb)	Xylenes (ug/L, ppb)
Soil Borings/Test Pits								
SB / TP-11	3/7/17	<50	**6,700**	**35,000**	<1	<1	<1	<3
SB / TP-12	3/7/17	<50	**2,900**	**5,700**	<1	<1	<1	<3
SB / TP-13	3/7/17	<50	**2,800**	**4,000**	<1	<1	<1	<3
SB / TP-14	3/7/17	<50	**800**	**1,200**	<1	<1	<1	<3
SB / TP-15	3/7/17	<50	**3,300**	**5,300**	<1	<1	<1	<3
SB / TP-16	3/7/17	<50	**1,600**	**1,900**	<1	<1	<1	<3
SB / TP-17	3/7/17	<50	300	430	<1	<1	<1	<3
SB / TP-18	3/7/17	<50	180	280	<1	<1	<1	<3
SB / TP-19	3/7/17	<50	**1,100**	**1,200**	<1	<1	<1	<3
SB / TP-20	3/7/17	<50	**670**	**920**	<1	<1	<1	<3
MTCA Method A cleanup level		**800**	**500**	**500**	**5**	**1,000**	**700**	**1,000**
Method Reporting Limit		50-100	130	250	1	1	1	3

Notes:

micrograms per liter (µg/L), parts per billion (ppb). <1.0 = not detected at or above the method reporting limit.
MTCA Method A cleanup levels for groundwater are from Washington Administrative Code (WAC) chapter 173-340 revised 2-12-01.
Groundwater samples were analyzed using the following methods:

- Gasoline by Ecology method NWTPH-Gx, and BTEX by EPA method 8020,
- Diesel and Heavy Oil by Ecology method NWTPH-Dx.

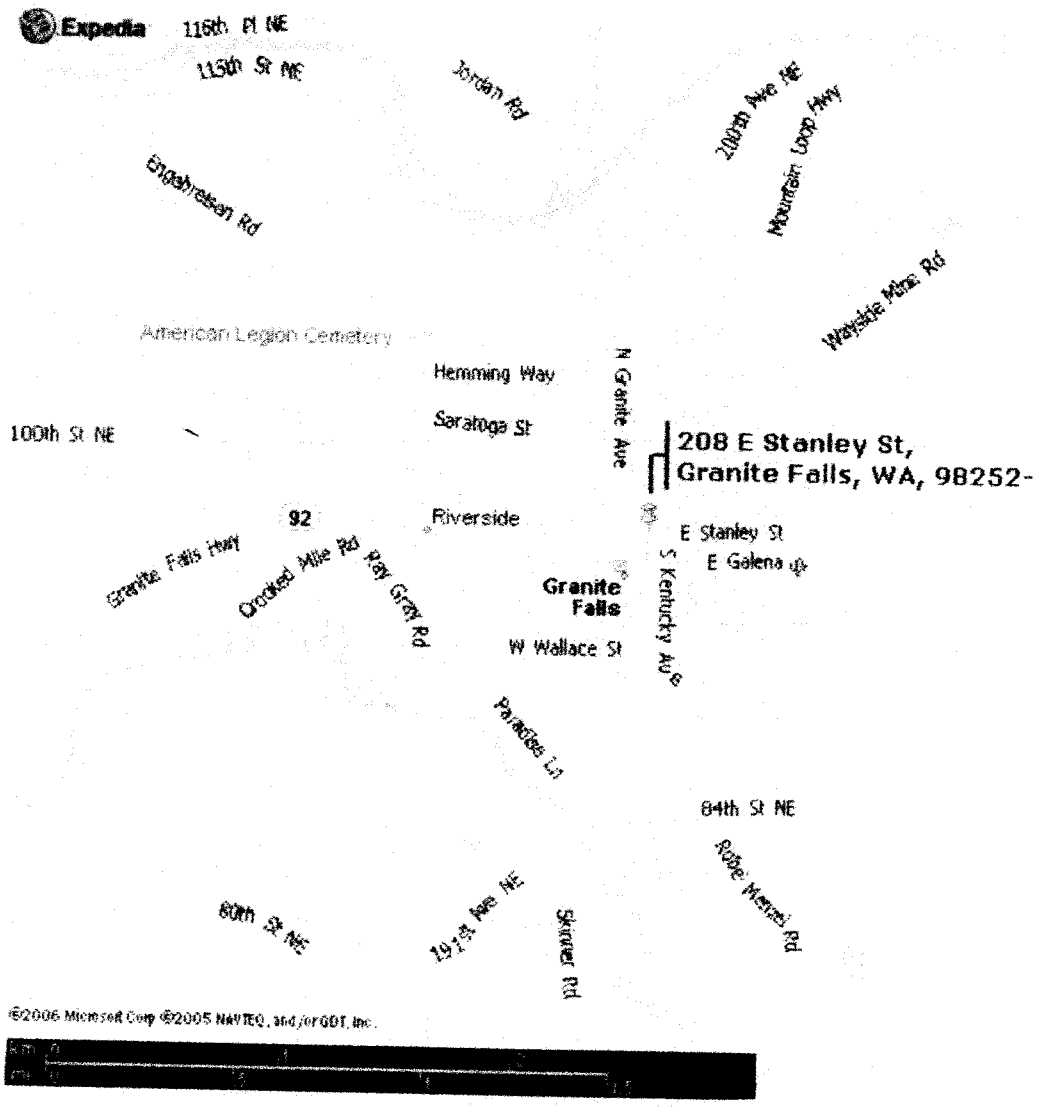
Table 4 - Laboratory Chemical Analyses Results for Groundwater Samples Q1-2017
Nelson Petroleum Facility, Granite Falls, WA

Sample ID	Sample Date	WTPH-G (ug/L, ppb)	WTPH-D (ug/L, ppb)	WTPH-O (ug/L, ppb)	Benzene (ug/L, ppb)	Toluene (ug/L, ppb)	Ethyl Benzene (ug/L, ppb)	Xylenes (ug/L, ppb)
Monitoring Wells								
MW-1	11/12/15	<50	**650**	<1,200	<1	<1	<1	<3
MW-1	9/9/16	<50	<130	300	<1	<1	<1	<3
MW-1	12/12/16	<50	<130	<250	<1	<1	<1	<3
MW-1	3/16/17	<50	<130	<250	<1	<1	<1	<3
MW-2	11/12/15	<50	**640**	<1,200	<1	<1	<1	<3
MW-2	9/9/16	<50	<130	<250	<1	<1	<1	<3
MW-2	12/12/16	<50	<130	<250	<1	<1	<1	<3
MW-2	3/16/17	<50	<130	<250	<1	<1	<1	<3
MW-3	11/12/15	<50	**1,600**	<1,200	<1	<1	<1	<3
MW-3	9/9/16	110	**1,100**	**530**	<1	<1	<1	<3
MW-3	12/12/16	67	**620**	310	<1	<1	<1	<3
MW-3	3/16/17	100	**420**	<250	<1	<1	<1	<3
MW-4	11/12/15	250	**2,200**	<1,200	**33**	1.2	1.6	7.2
MW-4	9/9/16	420	230	<250	<1	<1	<1	<3
MW-4	12/12/16	140	**6,600**	**3,400**	<1	<1	<1	<3
MW-4	3/16/17	130	300	<250	<1	<1	<1	<3
MW-5	11/12/15	<50	**830**	<1,200	<1	<1	<1	<3
MW-5	9/9/16	<50	**1,100**	**1,100**	<1	<1	<1	<3
MW-5	12/12/16	<50	250	<250	<1	<1	<1	<3
MW-5	3/16/17	<50	290	260	<1	<1	<1	<3
MTCA Method A cleanup level		**800**	**500**	**500**	**5**	**1,000**	**700**	**1,000**
Method Reporting Limit		50-100	130/550	250/1,200	1	1	1	3

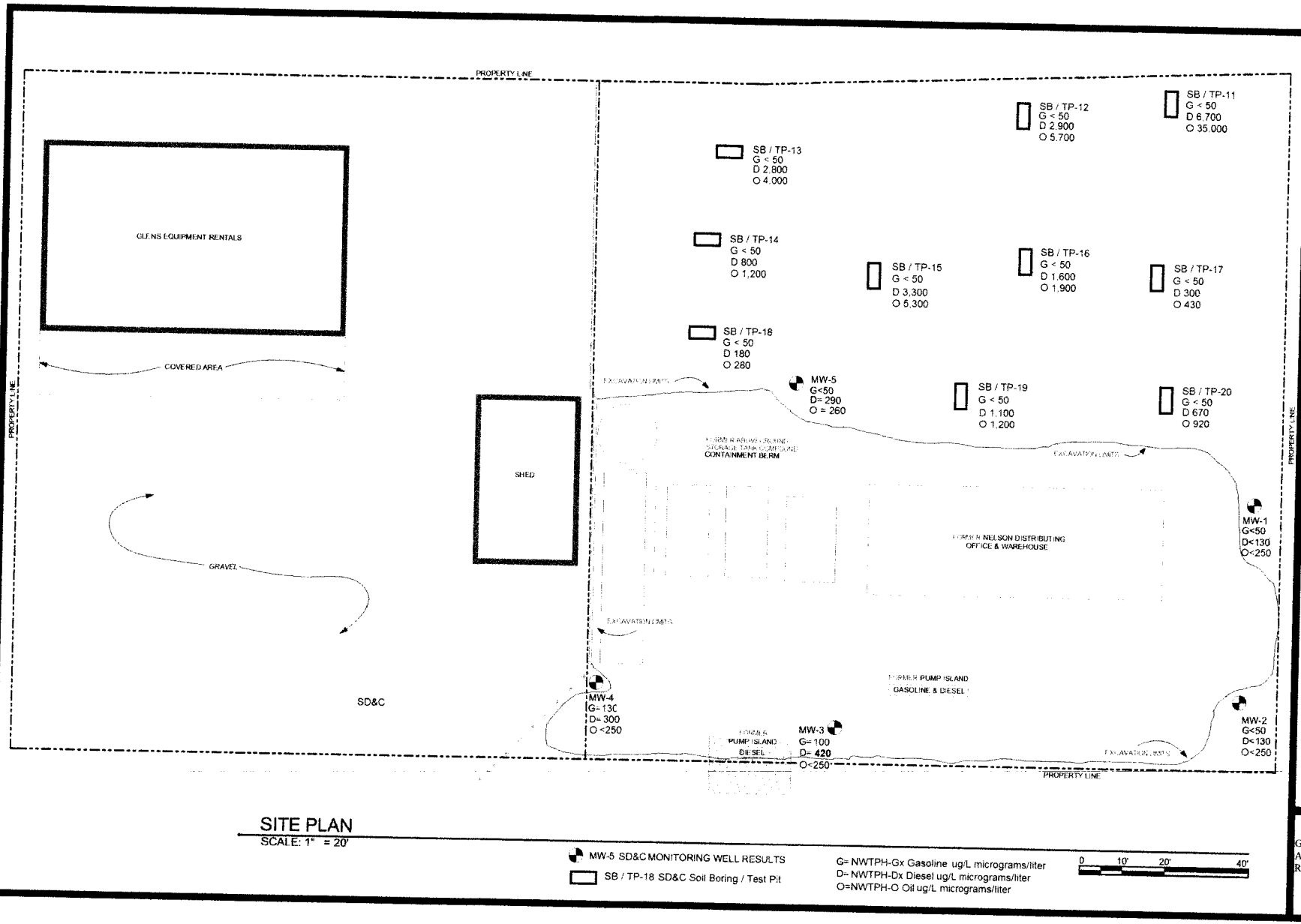
Notes:

micrograms per liter (µg/L), parts per billion (ppb). <1.0 = not detected at or above the method reporting limit.
MTCA Method A cleanup levels for groundwater are from Washington Administrative Code (WAC) chapter 173-340 revised 2-12-01.
Groundwater samples were analyzed using the following methods:

- Gasoline by Ecology method NWTPH-Gx, and BTEX by EPA method 8020, Diesel and Heavy Oil by Ecology method NWTPH-Dx.



SD&C **Granite Falls Vicinity Map** **Figure 1**



SITE PLAN

SCALE: 1" = 20'

MW-5 SD&C MONITORING WELL RESULTS

SB / TP-18 SD&C Soil Boring / Test Pit

G= NWTPH-Gx Gasoline ug/L micrograms/liter
D= NWTPH-Dx Diesel ug/L micrograms/liter
O=NWTPH-O Oil ug/L micrograms/liter

0 10' 20' 40'

Slotta Design & Consulting
P.O. Box 2071 Kirkland, WA 98083
(206) 459-5775

NELSON DISTRIBUTING
201 W. Stanley Street
Granite Falls, WA

Q4 2016
GROUNDWATER ANALYTICAL RESULTS
2

Q4 2016 GROUNDWATER ELEVATION DATA 3	**NELSON DISTRIBUTING** 201 W. Stanley Street Granite Falls, WA	**Slotta Design & Consulting** P.O. Box 2071 Kirkland, WA 98083 (206) 459-5775

APPENDIX I

TEST PIT LOGS

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	5' S and 15'E of NE Property Corner	Grass
				Fine to coarse silty SAND dark brown with fine-to coarse -grained sand with roots and gravel (topsoil)	SM
		None	1	Damp Dense No odor. Buried metal debris including 1' dia. corrugated pipe and 4" dia. pvc pipe	
		None	2	Tan Fine to Medium grained Sandy SILT brown with decaying organics, Moist, Medium Dense	SM/ML
			3	Becomes Saturated – Groundwater @ 2.5'	
		None		Fine-to coarse-grained Silty SAND. Gray, Moist, Dense	SM
			4		
		None		Interbeds of Fine-grained SILT and Fine-to-Coarse Grained SAND brown	SM
	TP-11@5'		5	Saturated, Dense, No Odor	
			6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	5' S and 60'E of NE Property Corner	Grass
				Fine to coarse silty SAND dark brown with fine-to coarse -grained sand with roots and gravel (topsoil)	SM
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy SILT with gravel 1-2 inches subrounded brown with decaying organics, Moist, Medium Dense	SM/ML
			3	Becomes Saturated – Groundwater @ 2.5'	
			4		
		None	5	Interbeds of Fine-grained SILT and Fine-to-Coarse Grained SAND brown Saturated, Dense, No Odor	SM
	TP-12@5'		6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	10' S and 40'W of NW Property Corner Grass Fine to coarse silty SAND dark brown with fine-to coarse -grained sand with roots and gravel (topsoil)	SM
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy SILT with gravel 1-2 inches subrounded brown with decaying organics, Moist, Medium Dense Becomes Saturated – Groundwater @ 2.5'	SM/ML
			3		
			4		
	TP-13@5'	None	5	Interbeds of Fine-grained SILT and Fine-to-Coarse Grained SAND brown Saturated, Dense, No Odor	SM
			6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	40' S and 35'W of NW Property Corner Grass Fine to coarse silty SAND dark brown with fine-to coarse -grained sand with roots and gravel (topsoil)	SM
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy SILT with gravel 1-2 inches subrounded brown with decaying organics, Moist, Medium Dense Becomes Saturated – Groundwater @ 2.5'	SM/ML
			3		
			4		
	TP-14@5'	None	5	Interbeds of Fine-grained SILT and Fine-to-Coarse Grained SAND brown Saturated, Dense, No Odor	SM
			6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	50' S and 80'W of NW Property Corner Grass	
				Fine to coarse silty SAND dark brown with fine-to coarse -grained sand with roots and gravel (topsoil)	SM
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy SILT with gravel 1-2 inches subrounded brown with decaying organics, Moist, Medium Dense Becomes Saturated – Groundwater @ 2.5'	SM/ML
			3		
			4		
		None	5	Interbeds of Fine-grained SILT and Fine-to-Coarse Grained SAND brown Saturated, Dense, No Odor	SM
	TP-15@5'				
			6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	40' S and 55'W of NE Property Corner Grass	
				Fine to coarse silty SAND	SM
				dark brown with fine-to coarse	
				-grained sand with roots and gravel (topsoil)	
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy	SM/ML
				SILT with gravel 1-2 inches subrounded	
				brown with decaying organics,	
				Moist, Medium Dense	
				Becomes Saturated – Groundwater @ 2.5'	
			3		
			4		
		None	5	Interbeds of Fine-grained SILT and	SM
	TP-16@5'			Fine-to-Coarse Grained SAND brown	
				Saturated, Dense, No Odor	
			6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	40' S and 30'W of NE Property Corner Grass	
				Fine to coarse silty SAND	SM
				dark brown with fine-to coarse	
				-grained sand with roots and gravel (topsoil)	
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy	SM/ML
				SILT with gravel 1-2 inches subrounded	
				brown with decaying organics,	
				Moist, Medium Dense	
				Becomes Saturated – Groundwater @ 2.5'	
			3		
			4		
		None	5	Interbeds of Fine-grained SILT and	SM
	TP-17@5'			Fine-to-Coarse Grained SAND brown	
				Saturated, Dense, No Odor	
			6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	55' S and 20'E of NW Property Corner	Grass
				Fine to coarse silty SAND dark brown with fine-to coarse -grained sand with roots and gravel (topsoil)	SM
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy SILT with gravel 1-2 inches subrounded brown with decaying organics, Moist, Medium Dense	SM/ML
			3	Becomes Saturated – Groundwater @ 2.5'	
			4		
		None	5	Interbeds of Fine-grained SILT and Fine-to-Coarse Grained SAND brown Saturated, Dense, No Odor	SM
	TP-18@5'				
			6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	65' S and 70'E of NW Property Corner	Grass
				Fine to coarse silty SAND dark brown with fine-to coarse -grained sand with roots and gravel (topsoil)	SM
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy SILT with gravel 1-2 inches subrounded brown with decaying organics, Moist, Medium Dense	SM/ML
			3	Becomes Saturated – Groundwater @ 2.5'	
			4		
		None	5	Interbeds of Fine-grained SILT and Fine-to-Coarse Grained SAND brown	SM
	TP-19@5'			Saturated, Dense, No Odor	
			6		
			7		
			8		
			9		
			10		
				END OF BORING	

Project Nelson Petroleum Inc. **Location** 201 West Stanley Street, Granite Falls, WA
Date: 3-17-17 **Subcontractor and Equipment** Wes Roberts Construction, Excavator

Penetration Soil Results	Sample Depth (feet)	PID (ppm)	Depth (feet)	Lithologic Description	Classification
			0	65' S and 25'E of NW Property Corner	Grass
				Black Fine to coarse silty SAND fine-to coarse-grained sand with roots and gravel (topsoil)	SM
		None	1	Damp Dense No odor.	
		None	2	Brown Fine to Medium grained Sandy SILT with gravel 1-2 inches subrounded brown with decaying organics, Moist, Medium Dense	SM/ML
			3	Becomes Saturated – Groundwater @ 2.5'	
			4		
		None	5	Interbeds of Fine-grained SILT and Fine-to-Coarse Grained SAND brown Saturated, Dense, No Odor	SM
	TP-20@5'		6		
			7		
			8		
			9		
			10		
				END OF BORING	

APPENDIX II

LABORATORY ANALYTICAL DATA

March 24, 2017

Mr. Tim Slotta
SD & C
PO Box 2071
Kirkland, WA 98083

Dear Mr. Slotta,

On March 17th, 15 samples were received by our laboratory and assigned our laboratory project number EV17030150. The project was identified as your Nelson G F. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

8620 Holly Drive, Suite 100, Everett, WA 9820 425-356-2600 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-01
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/16/2017 10:00:00 AM
CLIENT SAMPLE ID	SB-11	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**9700**	2600	20	UG/L	03/19/2017	EBS
TPH-Oil Range	NWTPH-DX	**35000**	5000	20	UG/L	03/19/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25 20X Dilution	NWTPH-DX	**62.6 DS2**	03/19/2017	EBS

DS2 - Due to high dilution factor surrogate results should be considered uncontrolled.
Chromatogram indicates that it is likely that sample contains light oil/lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE: ALS JOB#: ALS SAMPLE#:	3/24/2017 EV17030150 EV17030150-02
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/16/2017 10:30:00 AM
CLIENT SAMPLE ID	SB-12	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**2900**	1300	10	UG/L	03/20/2017	EBS
TPH-Oil Range	NWTPH-DX	**5700**	2500	10	UG/L	03/20/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25 10X Dilution	NWTPH-DX	**117 DS2**	03/20/2017	EBS

DS2 - Due to high dilution factor surrogate results should be considered uncontrolled.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-03
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/16/2017 11:00:00 AM
CLIENT SAMPLE ID	SB-13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**2800**	260	2	UG/L	03/20/2017	EBS
TPH-Oil Range	NWTPH-DX	**4000**	500	2	UG/L	03/20/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25 2X Dilution	NWTPH-DX	**103**	03/20/2017	EBS

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-04
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/16/2017 11:30:00 AM
CLIENT SAMPLE ID	SB-14	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**800**	130	1	UG/L	03/20/2017	EBS
TPH-Oil Range	NWTPH-DX	**1200**	250	1	UG/L	03/20/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**103**	03/20/2017	EBS

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-05
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/16/2017 12:00:00 PM
CLIENT SAMPLE ID	SB-15	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**3300**	260	2	UG/L	03/20/2017	EBS
TPH-Oil Range	NWTPH-DX	**5300**	500	2	UG/L	03/20/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25 2X Dilution	NWTPH-DX	**92.1**	03/20/2017	EBS

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-06
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/16/2017 12:30:00 PM
CLIENT SAMPLE ID	SB-16	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**1600**	130	1	UG/L	03/20/2017	EBS
TPH-Oil Range	NWTPH-DX	**1900**	250	1	UG/L	03/20/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**76.3**	03/20/2017	EBS

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030150-07
CLIENT PROJECT:	Nelson G F	DATE RECEIVED:	03/17/2017
CLIENT SAMPLE ID	SB-17	COLLECTION DATE:	3/16/2017 1:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**300**	130	1	UG/L	03/21/2017	EBS
TPH-Oil Range	NWTPH-DX	**430**	250	1	UG/L	03/21/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**78.0**	03/21/2017	EBS

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-08
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/16/2017 1:30:00 PM
CLIENT SAMPLE ID	SB-18	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**180**	130	1	UG/L	03/21/2017	EBS
TPH-Oil Range	NWTPH-DX	**280**	250	1	UG/L	03/21/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**78.5**	03/21/2017	EBS

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030150-09
CLIENT PROJECT:	Nelson G F	DATE RECEIVED:	03/17/2017
CLIENT SAMPLE ID	SB-19	COLLECTION DATE:	3/16/2017 2:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**1100**	130	1	UG/L	03/21/2017	EBS
TPH-Oil Range	NWTPH-DX	**1200**	250	1	UG/L	03/21/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**87.5**	03/21/2017	EBS

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-10
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/16/2017 2:30:00 PM
CLIENT SAMPLE ID	SB-20	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**670**	130	1	UG/L	03/21/2017	EBS
TPH-Oil Range	NWTPH-DX	**920**	250	1	UG/L	03/21/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**68.4**	03/21/2017	EBS

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-11
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/17/2017 11:00:00 AM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/20/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/20/2017	SNC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/22/2017	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/22/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**91.2**	03/20/2017	SNC
TFT	EPA-8021	**91.3**	03/20/2017	SNC
C25	NWTPH-DX	**106**	03/22/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-12
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/17/2017 10:00:00 AM
CLIENT SAMPLE ID	MW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/20/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/20/2017	SNC
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/22/2017	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/22/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**96.7**	03/20/2017	SNC
TFT	EPA-8021	**96.1**	03/20/2017	SNC
C25	NWTPH-DX	**105**	03/22/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-13
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/17/2017 12:00:00 PM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**100**	50	1	UG/L	03/20/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/20/2017	SNC
TPH-Diesel Range	NWTPH-DX	**420**	130	1	UG/L	03/21/2017	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/21/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**94.4**	03/20/2017	SNC
TFT	EPA-8021	**94.3**	03/20/2017	SNC
C25	NWTPH-DX	**104**	03/21/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline and an unidentified diesel range product.
Gasoline range product results biased high due to semivolatile range product overlap.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
		ALS SAMPLE#:	EV17030150-14
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/17/2017
CLIENT PROJECT:	Nelson G F	COLLECTION DATE:	3/17/2017 1:00:00 PM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**130**	50	1	UG/L	03/20/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/20/2017	SNC
TPH-Diesel Range	NWTPH-DX	**300**	130	1	UG/L	03/21/2017	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/21/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**93.6**	03/20/2017	SNC
TFT	EPA-8021	**89.4**	03/20/2017	SNC
C25	NWTPH-DX	**104**	03/21/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline and an unidentified diesel range product.
Gasoline range product results biased high due to semivolatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/24/2017
		ALS JOB#:	EV17030150
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030150-15
CLIENT PROJECT:	Nelson G F	DATE RECEIVED:	03/17/2017
CLIENT SAMPLE ID	MW-5	COLLECTION DATE:	3/17/2017 2:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/20/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/20/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/20/2017	SNC
TPH-Diesel Range	NWTPH-DX	**290**	130	1	UG/L	03/21/2017	EBS
TPH-Oil Range	NWTPH-DX	**260**	250	1	UG/L	03/21/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**98.5**	03/20/2017	SNC
TFT	EPA-8021	**99.1**	03/20/2017	SNC
C25	NWTPH-DX	**83.7**	03/21/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CERTIFICATE OF ANALYSIS

CLIENT: SD & C
PO Box 2071
Kirkland, WA 98083

CLIENT CONTACT: Tim Slotta
CLIENT PROJECT: Nelson G F

DATE: 3/24/2017
ALS SDG#: EV17030150
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MBG-031717W2 - Batch 114434 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	03/17/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-031717W2 - Batch 114434 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	03/17/2017	SNC
Toluene	EPA-8021	U	UG/L	1.0	03/17/2017	SNC
Ethylbenzene	EPA-8021	U	UG/L	1.0	03/17/2017	SNC
Xylenes	EPA-8021	U	UG/L	3.0	03/17/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-031717W3 - Batch 114514 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	UG/L	130	03/18/2017	EBS
TPH-Oil Range	NWTPH-DX	U	UG/L	250	03/18/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: SD & C
PO Box 2071
Kirkland, WA 98083

CLIENT CONTACT: Tim Slotta
CLIENT PROJECT: Nelson G F

DATE: 3/24/2017
ALS SDG#: EV17030150
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 114434 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	91.0			66.5	122.7	03/17/2017	SNC
TPH-Volatile Range - BSD	NWTPH-GX	88.5	3		66.5	122.7	03/17/2017	SNC

ALS Test Batch ID: 114434 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	99.4			83	120	03/17/2017	SNC
Benzene - BSD	EPA-8021	93.7	6		83	120	03/17/2017	SNC
Toluene - BS	EPA-8021	92.0			85	115	03/17/2017	SNC
Toluene - BSD	EPA-8021	88.4	4		85	115	03/17/2017	SNC
Ethylbenzene - BS	EPA-8021	92.3			85	113	03/17/2017	SNC
Ethylbenzene - BSD	EPA-8021	89.1	4		85	113	03/17/2017	SNC
Xylenes - BS	EPA-8021	92.3			85	116	03/17/2017	SNC
Xylenes - BSD	EPA-8021	88.4	4		85	116	03/17/2017	SNC

ALS Test Batch ID: 114514 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	89.2			67	125.2	03/20/2017	EBS
TPH-Diesel Range - BSD	NWTPH-DX	93.0	4		67	125.2	03/18/2017	EBS

APPROVED BY

Laboratory Director

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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
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Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV1703O150

Date 3-17-17 Page 1 Of 2

PROJECT ID:	NELSON GF
REPORT TO COMPANY:	SDgC
PROJECT MANAGER:	T. SLOTTA
ADDRESS:	P.O. BOX 2071
	KIRKLAND, WA 98083
PHONE:	206 459-5775 FAX:
P.O. #:	E-MAIL:
INVOICE TO COMPANY:	SDgC
ATTENTION:	
ADDRESS:	

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. SB-11	3/16/17	10:00	H_2O	1		X																									1	
2. SB-12	"	10:30	"	2		X																									1	
3. SB-13	"	11:00	"	3		X																									1	
4. SB-14	"	11:30	"	4		X																									1	
5. SB-15	"	12:00	"	5		X																									1	
6. SB-16	"	12:30	"	6		X																									1	
7. SB-17	"	1:00	"	7		X																									1	
8. SB-18	"	1:30	"	8		X																									1	
9. SB-19	"	2:00	"	9		X																									1	
10. SB-20	"	2:30	"	10		X																									1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: SDgC 3-17-17 15:00
   Received By: ALS 3/17/17 1500
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:

Specify:

*Turnaround request less than standard may incur Rush Charges

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV1703015O

Date 3-17-17 Page 2 Of 2

PROJECT ID: NELSON G F
REPORT TO COMPANY: SD & C
PROJECT MANAGER: T. SLOTTA
ADDRESS: P.O. Box 2071
KIRKLAND, WA 98083
PHONE: (206) 459-5775 FAX:
P.O. #: E-MAIL:
INVOICE TO COMPANY: SD & C
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒ BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-1	3-17-17	11:00	W	11		X	X	X													3	
2. MW-2	11	10:00		12		X	X	X													3	
3. MW-3	11	12:00		13		X	X	X													3	
4. MW-4	11	1:00		14		X	X	X													3	
5. MW-5	11	2:00	↓	15		X	X	X													3	
6.																						
7.																						
8.																						
9.																						
10.																						

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: SD & C 3-17-17 15:00
Received By: ALS 3/17/17 1500
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

*Turnaround request less than standard may incur Rush Charges

March 15, 2017

Mr. Tim Slotta
SD & C
PO Box 2071
Kirkland, WA 98083

Dear Mr. Slotta,

On March 8th, 20 samples were received by our laboratory and assigned our laboratory project number EV17030059. The project was identified as your Nelson GF. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030059-01
CLIENT PROJECT:	Nelson GF	DATE RECEIVED:	03/08/2017
CLIENT SAMPLE ID	SB-11 @ 5'	COLLECTION DATE:	3/7/2017 9:30:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/08/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/08/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/08/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/08/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/08/2017	SNC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.9**	03/08/2017	SNC
TFT	EPA-8021	**66.5**	03/08/2017	SNC
C25	NWTPH-DX	**97.4**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-02
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 10:00:00 AM
CLIENT SAMPLE ID	SB-12 @ 5'	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/08/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/08/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/08/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/08/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/08/2017	SNC
TPH-Diesel Range	NWTPH-DX	**200**	31	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	**740**	61	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**70.4**	03/08/2017	SNC
TFT	EPA-8021	**64.5**	03/08/2017	SNC
C25	NWTPH-DX	**97.8**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030059-03
CLIENT PROJECT:	Nelson GF	DATE RECEIVED:	03/08/2017
CLIENT SAMPLE ID	SB-13 @ 5'	COLLECTION DATE:	3/7/2017 10:30:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/08/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/08/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/08/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/08/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/08/2017	SNC
TPH-Diesel Range	NWTPH-DX	**66**	25	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	**170**	50	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.1**	03/08/2017	SNC
TFT	EPA-8021	**78.0**	03/08/2017	SNC
C25	NWTPH-DX	**103**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product reporting limits raised due to motor oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-04
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 11:00:00 AM
CLIENT SAMPLE ID	SB-14 @ 5'	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/10/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/10/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/10/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/10/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/10/2017	SNC
TPH-Diesel Range	NWTPH-DX	**59**	25	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	**130**	50	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**81.8**	03/10/2017	SNC
TFT	EPA-8021	**74.3**	03/10/2017	SNC
C25	NWTPH-DX	**106**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains light oil/lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030059-05
CLIENT PROJECT:	Nelson GF	DATE RECEIVED:	03/08/2017
CLIENT SAMPLE ID	SB-15 @ 5'	COLLECTION DATE:	3/7/2017 11:30:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/08/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/08/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/08/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/08/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/08/2017	SNC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.4**	03/08/2017	SNC
TFT	EPA-8021	**84.1**	03/08/2017	SNC
C25	NWTPH-DX	**92.5**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030059-06
CLIENT PROJECT:	Nelson GF	DATE RECEIVED:	03/08/2017
CLIENT SAMPLE ID	SB-16 @ 5'	COLLECTION DATE:	3/7/2017 12:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/09/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/09/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/09/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/09/2017	SNC
TPH-Diesel Range	NWTPH-DX	ND- F2	26	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	ND- F2	53	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**75.4**	03/09/2017	SNC
TFT	EPA-8021	**72.0**	03/09/2017	SNC
C25	NWTPH-DX	**119**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
F2 - Reporting limit for compound raised due to low percent solids.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030059-07
CLIENT PROJECT:	Nelson GF	DATE RECEIVED:	03/08/2017
CLIENT SAMPLE ID	SB-17 @ 5'	COLLECTION DATE:	3/7/2017 12:30:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/09/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/09/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/09/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/09/2017	SNC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**90.1**	03/09/2017	SNC
TFT	EPA-8021	**83.4**	03/09/2017	SNC
C25	NWTPH-DX	**113**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-08
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 1:00:00 PM
CLIENT SAMPLE ID	SB-18 @ 5'	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/10/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/10/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/10/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/10/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/10/2017	SNC
TPH-Diesel Range	NWTPH-DX	**260**	28	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	**370**	55	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**58.2 GS1**	03/10/2017	SNC
TFT	EPA-8021	**57.0 GS1**	03/10/2017	SNC
C25	NWTPH-DX	**112**	03/14/2017	EBS

GS1 - Surrogate outside of control limits due to matrix effect.
U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-09
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 1:30:00 PM
CLIENT SAMPLE ID	SB-19 @ 5'	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/09/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/09/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/09/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/09/2017	SNC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**87.4**	03/09/2017	SNC
TFT	EPA-8021	**71.7**	03/09/2017	SNC
C25	NWTPH-DX	**121**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-10
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 2:00:00 PM
CLIENT SAMPLE ID	SB-20 @ 5'	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	03/09/2017	SNC
Benzene	EPA-8021	U	0.030	1	MG/KG	03/09/2017	SNC
Toluene	EPA-8021	U	0.050	1	MG/KG	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	03/09/2017	SNC
Xylenes	EPA-8021	U	0.20	1	MG/KG	03/09/2017	SNC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	03/14/2017	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**87.4**	03/09/2017	SNC
TFT	EPA-8021	**78.2**	03/09/2017	SNC
C25	NWTPH-DX	**119**	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-11
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 9:30:00 AM
CLIENT SAMPLE ID	SB-11	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	73.5	03/09/2017	SNC
TFT	EPA-8021	74.3	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-12
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 10:00:00 AM
CLIENT SAMPLE ID	SB-12	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.0**	03/09/2017	SNC
TFT	EPA-8021	**61.8**	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030059-13
CLIENT PROJECT:	Nelson GF	DATE RECEIVED:	03/08/2017
CLIENT SAMPLE ID	SB-13	COLLECTION DATE:	3/7/2017 10:30:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	87.0	03/09/2017	SNC
TFT	EPA-8021	81.9	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-14
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 11:00:00 AM
CLIENT SAMPLE ID	SB-14	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.8**	03/09/2017	SNC
TFT	EPA-8021	**82.8**	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-15
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 11:30:00 AM
CLIENT SAMPLE ID	SB-15	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	77.2	03/09/2017	SNC
TFT	EPA-8021	71.3	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-16
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 12:00:00 PM
CLIENT SAMPLE ID	SB-16	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	80.8	03/09/2017	SNC
TFT	EPA-8021	74.9	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-17
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 12:30:00 PM
CLIENT SAMPLE ID	SB-17	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.0**	03/09/2017	SNC
TFT	EPA-8021	**76.2**	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-18
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 1:00:00 PM
CLIENT SAMPLE ID	SB-18	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	81.3	03/09/2017	SNC
TFT	EPA-8021	78.4	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
		ALS SAMPLE#:	EV17030059-19
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	03/08/2017
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	3/7/2017 1:30:00 PM
CLIENT SAMPLE ID	SB-19	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	83.1	03/09/2017	SNC
TFT	EPA-8021	78.1	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE:	3/15/2017
		ALS JOB#:	EV17030059
CLIENT CONTACT:	Tim Slotta	ALS SAMPLE#:	EV17030059-20
CLIENT PROJECT:	Nelson GF	DATE RECEIVED:	03/08/2017
CLIENT SAMPLE ID	SB-20	COLLECTION DATE:	3/7/2017 2:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/09/2017	SNC
Benzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Toluene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/09/2017	SNC
Xylenes	EPA-8021	U	3.0	1	UG/L	03/09/2017	SNC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	82.2	03/09/2017	SNC
TFT	EPA-8021	75.1	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: SD & C
PO Box 2071
Kirkland, WA 98083

CLIENT CONTACT: Tim Slotta
CLIENT PROJECT: Nelson GF

DATE: 3/15/2017
ALS SDG#: EV17030059
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MBG-030817S - Batch 113058 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	03/08/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

MBG-030917W - Batch 113131 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-030817S - Batch 113058 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	03/08/2017	SNC
Toluene	EPA-8021	U	MG/KG	0.050	03/08/2017	SNC
Ethylbenzene	EPA-8021	U	MG/KG	0.050	03/08/2017	SNC
Xylenes	EPA-8021	U	MG/KG	0.20	03/08/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-030917W - Batch 113131 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	03/09/2017	SNC
Toluene	EPA-8021	U	UG/L	1.0	03/09/2017	SNC
Ethylbenzene	EPA-8021	U	UG/L	1.0	03/09/2017	SNC
Xylenes	EPA-8021	U	UG/L	3.0	03/09/2017	SNC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-031417S - Batch 114299 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	03/14/2017	EBS
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	03/14/2017	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: SD & C
PO Box 2071
Kirkland, WA 98083

CLIENT CONTACT: Tim Slotta
CLIENT PROJECT: Nelson GF

DATE: 3/15/2017
ALS SDG#: EV17030059
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 113058 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	90.4			66.5	122.7	03/08/2017	SNC
TPH-Volatile Range - BSD	NWTPH-GX	90.4	0		66.5	122.7	03/08/2017	SNC

ALS Test Batch ID: 113131 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	94.2			66.5	122.7	03/09/2017	SNC
TPH-Volatile Range - BSD	NWTPH-GX	93.6	1		66.5	122.7	03/09/2017	SNC

ALS Test Batch ID: 113058 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	74.3			67.7	124	03/08/2017	SNC
Benzene - BSD	EPA-8021	81.3	9		67.7	124	03/08/2017	SNC
Toluene - BS	EPA-8021	76.9			71	123	03/08/2017	SNC
Toluene - BSD	EPA-8021	84.0	9		71	123	03/08/2017	SNC
Ethylbenzene - BS	EPA-8021	81.7			69.8	117	03/08/2017	SNC
Ethylbenzene - BSD	EPA-8021	88.0	8		69.8	117	03/08/2017	SNC
Xylenes - BS	EPA-8021	80.0			70	119	03/08/2017	SNC
Xylenes - BSD	EPA-8021	86.1	7		70	119	03/08/2017	SNC

ALS Test Batch ID: 113131 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	93.6			83	120	03/09/2017	SNC
Benzene - BSD	EPA-8021	92.8	1		83	120	03/09/2017	SNC
Toluene - BS	EPA-8021	94.5			85	115	03/09/2017	SNC
Toluene - BSD	EPA-8021	94.1	0		85	115	03/09/2017	SNC
Ethylbenzene - BS	EPA-8021	97.8			85	113	03/09/2017	SNC
Ethylbenzene - BSD	EPA-8021	97.5	0		85	113	03/09/2017	SNC
Xylenes - BS	EPA-8021	101			85	116	03/09/2017	SNC
Xylenes - BSD	EPA-8021	101	1		85	116	03/09/2017	SNC

ALS Test Batch ID: 114299 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	95.8			75.5	122.1	03/14/2017	EBS
TPH-Diesel Range - BSD	NWTPH-DX	98.0	2		75.5	122.1	03/14/2017	EBS

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CERTIFICATE OF ANALYSIS

APPROVED BY

Laboratory Director

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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV1703059

Date 3/7/17 Page 1 Of 2

PROJECT ID:	NELSON GF
REPORT TO COMPANY:	SDyC
PROJECT MANAGER:	T. SLOTTA
ADDRESS:	P.O. Box 2071
	KIRKLAND, WA
PHONE:	(206) 459-5775 FAX:
P.O. #:	E-MAIL: TS4SDC
INVOICE TO COMPANY:	SDyC
ATTENTION:	
ADDRESS:	

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐ BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. SB-11@5'	3/7/17	9:30 A	SOIL	1		X	X	X													3	
2. SB-12@5'	"	10:00 A	"	2		X	X	X													3	
3. SB-13@5'	"	10:30 A	"	3		X	X	X													3	
4. SB-14@5'	"	11:15 A	"	4		X	X	X													3	
5. SB-15@5'	"	11:30 A	"	5		X	X	X													3	
6. SB-16@5'	"	12 P	"	6		X	X	X													3	
7. SB-17@5'	"	12:30 P	"	7		X	X	X													3	
8. SB-18@5'	"	1:00 P	"	8		X	X	X													3	
9. SB-19@5'	"	1:30 P	"	9		X	X	X													3	
10. SB-20@5'	"	2:00 P	"	10		X	X	X													3	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: SDyC, 3/8/17, 11:43am
   Received By: ALS, 3/8/17, 11:43am
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV1703 0059

Date 3/7/17 Page 2 Of 2

PROJECT ID:	NELSON GF
REPORT TO COMPANY:	STD & C
PROJECT MANAGER:	T SLOTTA
ADDRESS:	P.O. Box 2071 KIRKLAND WA 98083
PHONE:	(206) 459-5775 FAX:
P.O. #:	E-MAIL: TS4STDC@HOTMAIL.COM
INVOICE TO COMPANY:	
ATTENTION:	
ADDRESS:	

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐ BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. SB-11	3-7-17	9:30 A	H_2O	11	NO	~~X~~	X	X													2	
2. SB-12	"	10 A	"	12	NO	~~X~~	X	X													2	
3. SB-13	"	10:30 A	"	13	NO	~~X~~	X	X													2	
4. SB-14	"	11 A	"	14	NO	~~X~~	X	X													2	
5. SB-15	"	11:30 AM	"	15	NO	~~X~~	X	X													2	
6. SB-16	"	12 pm	"	16	NO	~~X~~	X	X													2	
7. SB-17	"	12:30 pm	"	17	NO	~~X~~	X	X													2	
8. SB-18	"	1 pm	"	18	NO	~~X~~	X	X													2	
9. SB-19	"	1:30 pm	"	19	NO	~~X~~	X	X													2	
10. SB-20	"	2 pm	"	20	NO	~~X~~	X	X													2	

SPECIAL INSTRUCTIONS: Cancel Dx on all water samples due to no Dx bottles per Tim 3/8/17 SM.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: STD C 3-8-17
   Received By: ALS 3/8/17 11:55
2. Relinquished By:
   Received By:

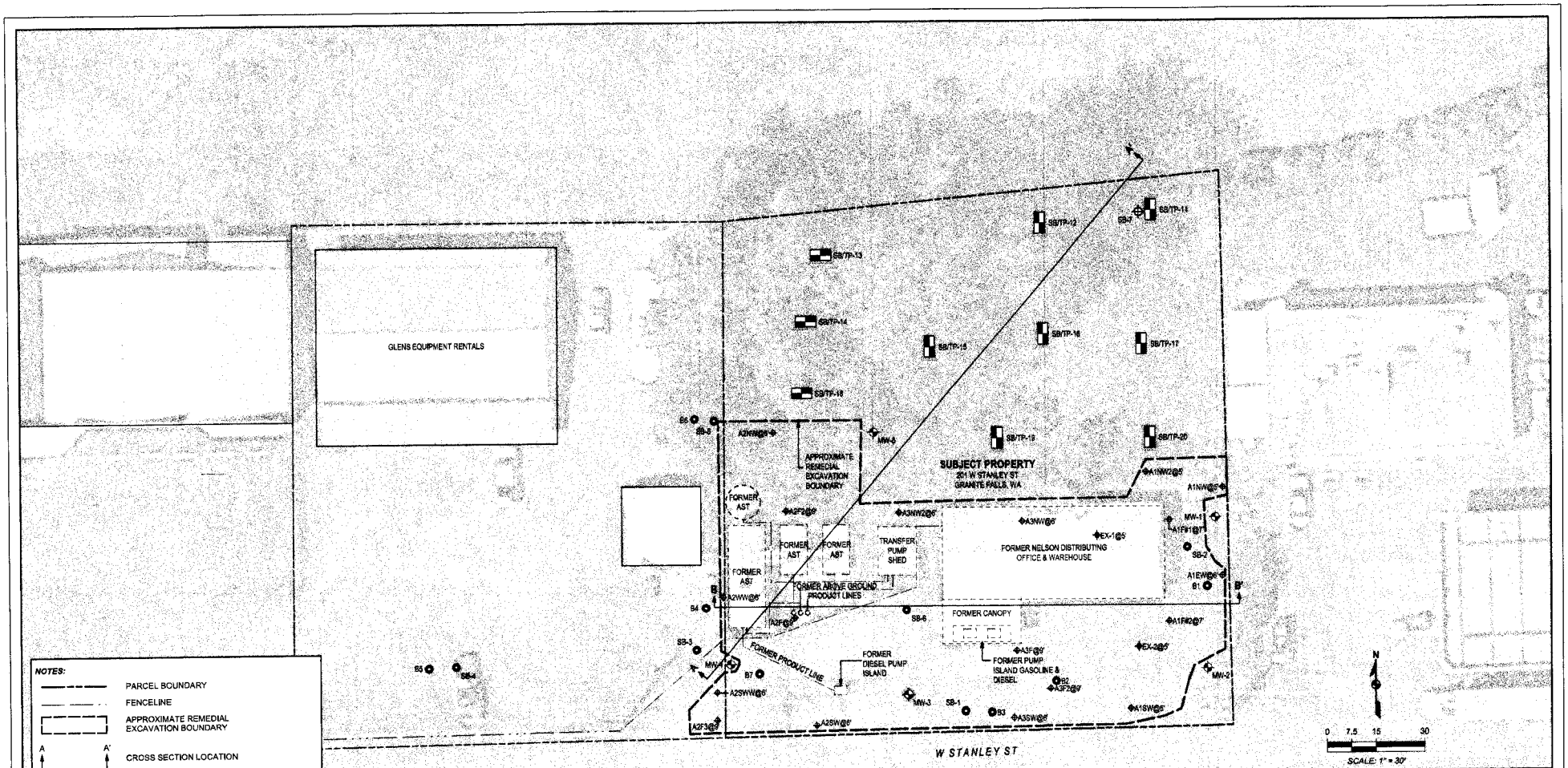
TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

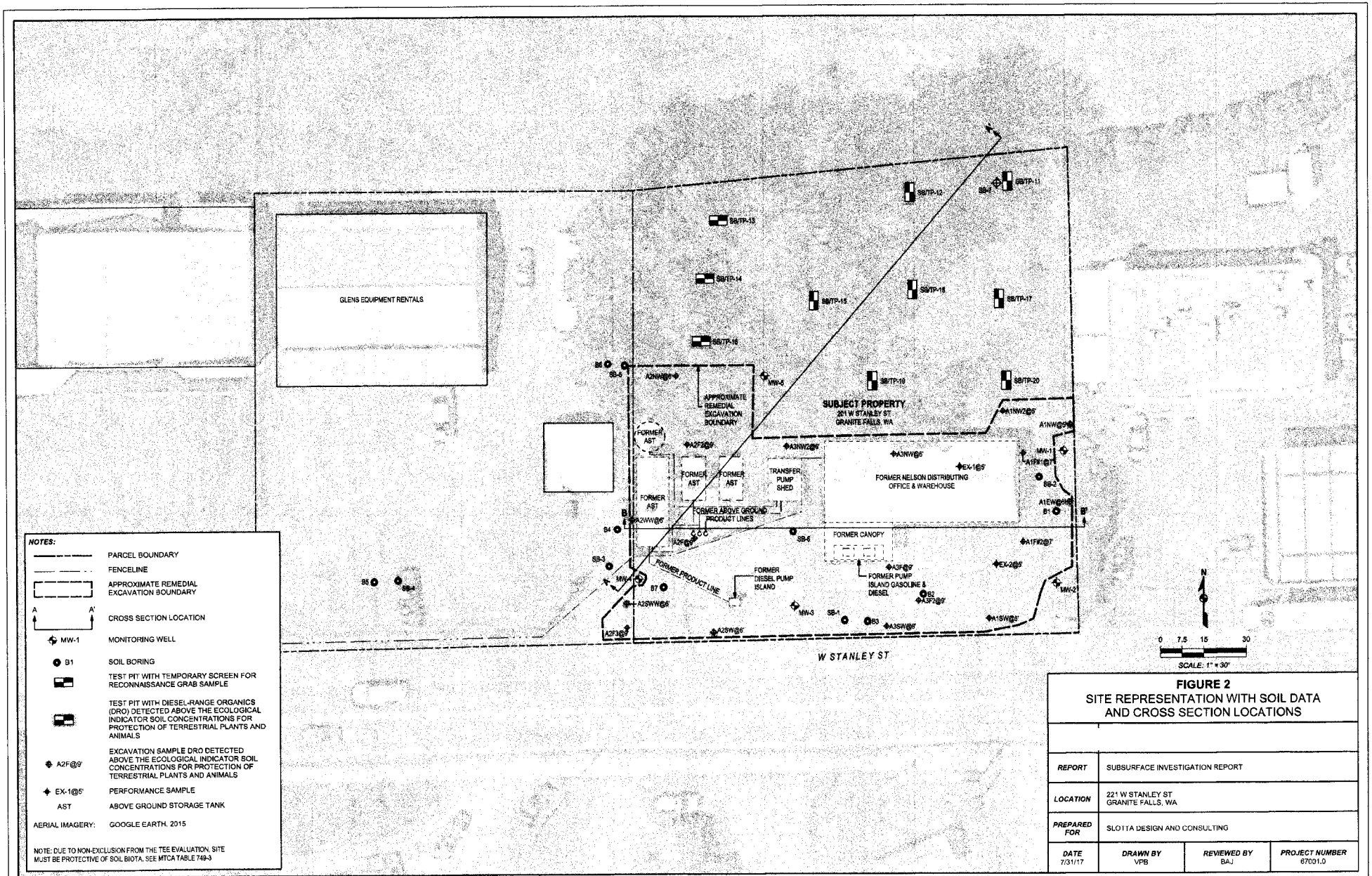


NOTES:

	PARCEL BOUNDARY
	FENCELINE
	APPROXIMATE REMEDIAL EXCAVATION BOUNDARY
A A'	CROSS SECTION LOCATION
MW-1	MONITORING WELL
MW-3	MONITORING WELL WITH DIESEL-RANGE ORGANICS (DRO) DETECTED ABOVE MTCA METHOD A CLEANUP LEVELS IN GROUNDWATER
B1	SOIL BORING
	TEST PIT WITH TEMPORARY SCREEN FOR RECONNAISSANCE GRAB SAMPLE
	TEST PIT WITH WITH DIESEL-RANGE ORGANICS (DRO) DETECTED ABOVE MTCA METHOD A CLEANUP LEVELS IN GROUNDWATER
AST	ABOVE GROUND STORAGE TANK
A2F@9'	EXCAVATION SAMPLE
EX-1@5'	EXCAVATION SAMPLE
AERIAL IMAGERY:	GOOGLE EARTH, 2015

FIGURE 1
SITE REPRESENTATION WITH GROUNDWATER DATA AND CROSS SECTION LOCATIONS

REPORT	SUBSURFACE INVESTIGATION REPORT		
LOCATION	221 W STANLEY ST GRANITE FALLS, WA		
PREPARED FOR	SLOTTA DESIGN AND CONSULTING		
DATE 7/31/17	DRAWN BY VPB	REVIEWED BY BAJ	PROJECT NUMBER 67001.0



NOTES:

- PARCEL BOUNDARY
- FENCELINE
- APPROXIMATE REMEDIAL EXCAVATION BOUNDARY
- A — A' CROSS SECTION LOCATION
- MW-1 MONITORING WELL
- B1 SOIL BORING
- TEST PIT WITH TEMPORARY SCREEN FOR RECONNAISSANCE GRAB SAMPLE
- TEST PIT WITH DIESEL-RANGE ORGANICS (DRO) DETECTED ABOVE THE ECOLOGICAL INDICATOR SOIL CONCENTRATIONS FOR PROTECTION OF TERRESTRIAL PLANTS AND ANIMALS
- A2F@9' EXCAVATION SAMPLE DRO DETECTED ABOVE THE ECOLOGICAL INDICATOR SOIL CONCENTRATIONS FOR PROTECTION OF TERRESTRIAL PLANTS AND ANIMALS
- EX-1@5' PERFORMANCE SAMPLE
- AST ABOVE GROUND STORAGE TANK

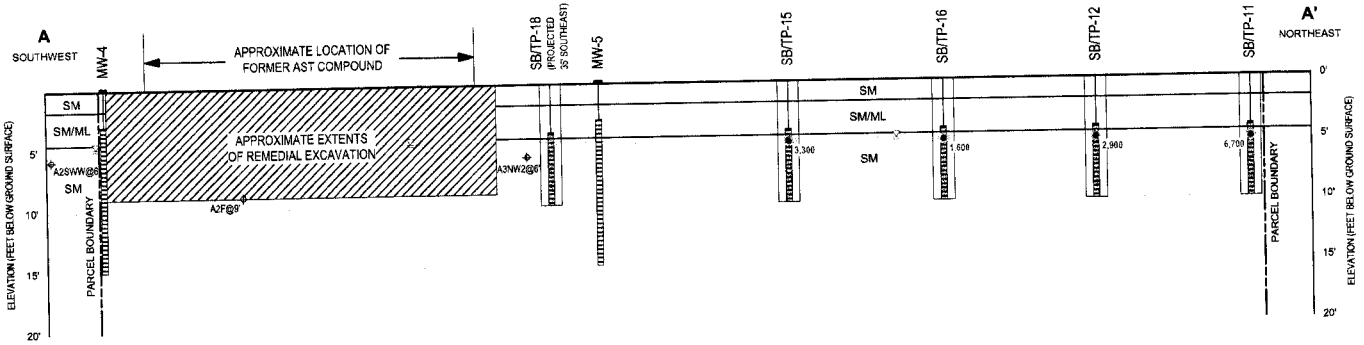
AERIAL IMAGERY: GOOGLE EARTH, 2015

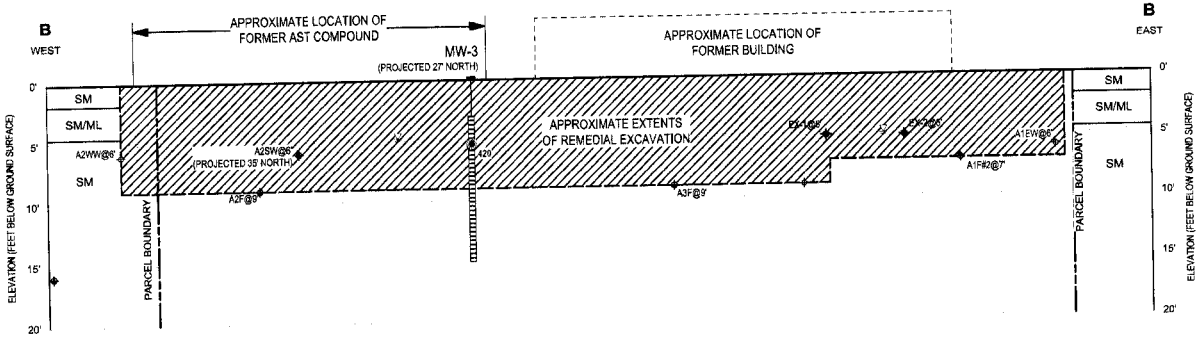
NOTE: DUE TO NON-EXCLUSION FROM THE TEE EVALUATION, SITE MUST BE PROTECTIVE OF SOIL BIOTA, SEE MTCA TABLE 749-3

FIGURE 2
SITE REPRESENTATION WITH SOIL DATA AND CROSS SECTION LOCATIONS

REPORT	SUBSURFACE INVESTIGATION REPORT
LOCATION	221 W STANLEY ST GRANITE FALLS, WA
PREPARED FOR	SLOTTA DESIGN AND CONSULTING

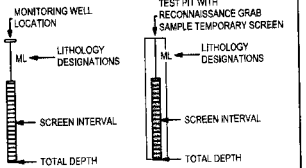
DATE	DRAWN BY	REVIEWED BY	PROJECT NUMBER
7/31/17	VPB	BAJ	67001.0



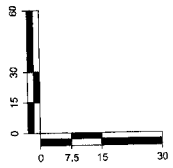


NOTES:

- A2F@9' — EXCAVATION SAMPLE LOCATION
- EX-1@5' — PERFORMANCE SAMPLE LOCATION
- EX-1@5' — MONITORING WELL OR GRAB SAMPLE
- 420 — RED HALO SURROUNDING SAMPLE INDICATES THE SAMPLE HAS DIESEL-RANGE ORGANICS (DRO) CONCENTRATATIONS IN GROUNDWATER IN EXCEEDANCE OF MTCA METHOD A CLEANUP LEVELS. SAMPLE RESULTS SHOWN IN MICROGRAMS PER LITER (µg/L)
- APPROXIMATE REMEDIAL EXCAVATION LIMITS
- ML — INORGANIC SILTS, CLAYEY SILTS OF LOW TO MEDIUM PLASTICITY
- SM — SILTY SAND



NOTE: SAMPLE RESULTS SHOWN ONLY FOR LOCATIONS WITH DRO EXCEEDING MTCA METHOD A CLEANUP LEVELS.

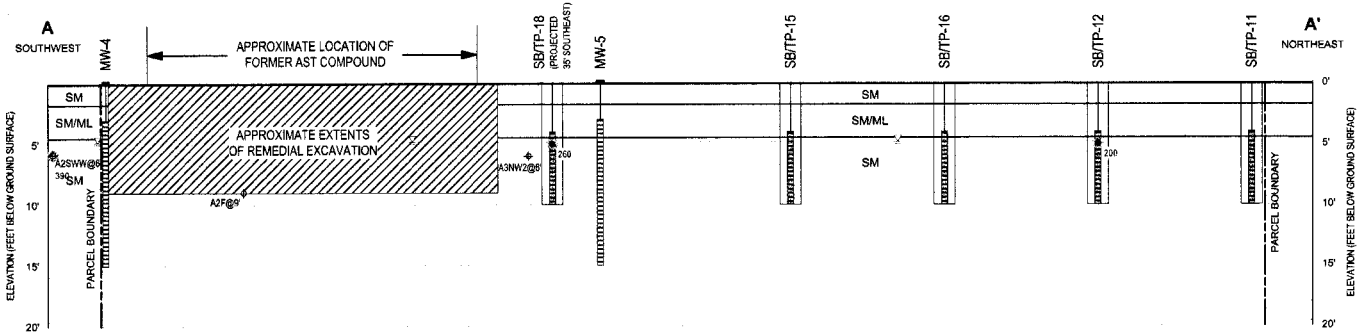


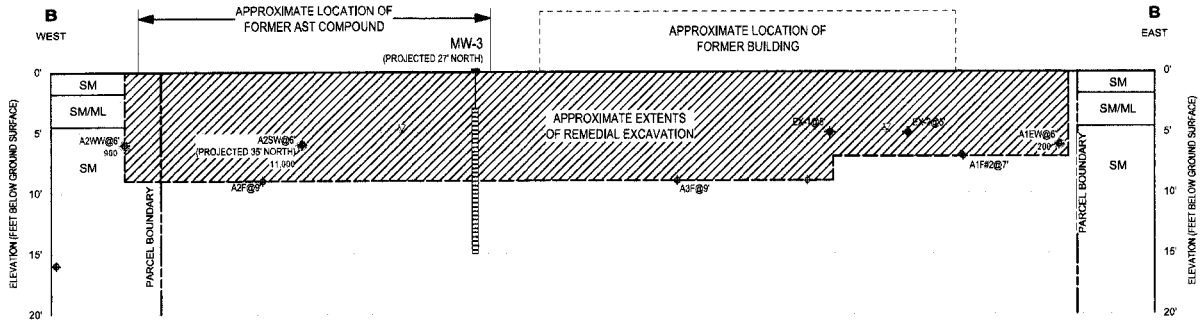
SCALE: 1" = 30'
2X VERTICAL EXAGGERATION

FIGURE 3

GEOLOGIC CROSS SECTIONS A-A' AND B-B' WITH GROUNDWATER DATA

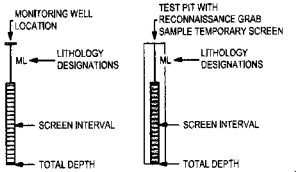
REPORT	INTERIM DELIVERABLE		
LOCATION	201 W STANLEY ST GRANITE FALLS, WASHINGTON		
PREPARED FOR	SLOTTA DESIGN & CONSULTING		
DATE 7/31/17	DRAWN BY VPB	REVIEWED BY BAJ	PROJECT NUMBER 76001.0





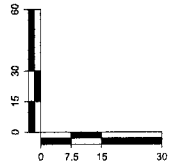
NOTES:

- A2F@9' — EXCAVATION SAMPLE LOCATION
- EX-1@5' — PERFORMANCE SAMPLE LOCATION
- EX-1@5' — MONITORING WELL OR GRAB SAMPLE
- 420 — RED HALO SURROUNDING SAMPLE INDICATES THE SAMPLE HAS DIESEL-RANGE ORGANICS (DRO) CONCENTRATATIONS IN SOIL IN EXCEEDANCE OF THE ECOLOGICAL INDICATOR SOIL CONCENTRATIONS FOR PROTECTION OF TERRESTRIAL PLANTS AND ANIMALS. SAMPLE RESULTS SHOWN IN MILIGRAMS PER KILOGRAM (mg/kg)
- APPROXIMATE REMEDIAL EXCAVATION LIMITS
- ML — INORGANIC SILTS, CLAYEY SILTS OF LOW TO MEDIUM PLASTICITY
- SM — SILTY SAND



NOTE: SAMPLE RESULTS SHOWN ONLY FOR LOCATIONS WITH DRO EXCEEDING CLEANUP LEVELS.

NOTE: DUE TO NON-EXCLUSION FROM THE TEE EVALUATION, SITE MUST BE PROTECTIVE OF SOIL BIOTA. SEE MTCA TABLE 749-3



SCALE: 1" = 30'
2X VERTICAL EXAGGERATION

FIGURE 4

GEOLOGIC CROSS SECTIONS A-A' AND B-B' WITH SOIL DATA

REPORT	INTERIM DELIVERABLE
LOCATION	201 W STANLEY ST GRANITE FALLS, WASHINGTON
PREPARED FOR	SLOTTA DESIGN & CONSULTING

DATE	DRAWN BY	REVIEWED BY	PROJECT NUMBER
7/31/17	VPB	BAJ	76001.0

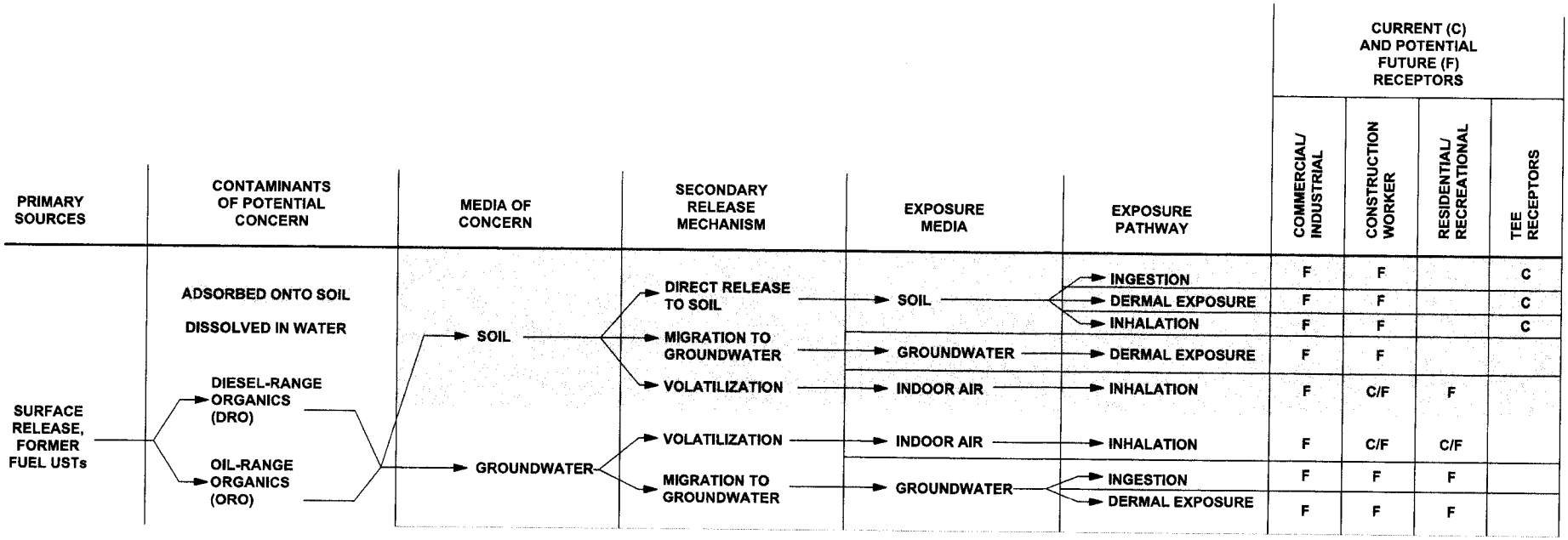


FIGURE 5

CONCEPTUAL SITE MODEL

REPORT	INTERIM DELIVERABLE		
LOCATION	201 WEST STANLEY STREET GRANITE FALLS, WASHINGTON		
PREPARED FOR	SLOTTA DESIGN AND CONSULTING		
DATE 7/18/17	DRAWN BY AM	REVIEWED BY BAJ	PROJECT NUMBER 76001