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

Quarterly Groundwater Monitoring Report (Quarter #3 – 2016)

Nelson Petroleum Inc.
201 W. Stanley Street
Granite Falls, WA

Prepared for:

Nelson Petroleum Inc.
1125 SW 80th Street
Everett, WA 98203

Submitted by:

Slotta Design & Construction
PO Box 2071
Kirkland, WA 98083

October 2, 2016

Timothy S. Slotta
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 General

This report presents the results of the third quarter (Q3-2016) monitoring event conducted by Slotta Design and Consulting (SD&C) at the Nelson Petroleum Inc. (Nelson) facility located at 201 W. Stanley Street in Granite Falls, WA (Site). The groundwater sampling, and monitoring activities were conducted in accordance with the Washington Department of Ecology (Ecology's) Model Toxics Control Act (MTCA) WAC 173-340, Voluntary Cleanup Program (VCP), with the intent of achieving "no further action" (NFA) designation for the site.

1.2 Site Description

The rectangular shaped Site is approximately one-acre in size and located in a commercial area of downtown CGF as illustrated in Figure 1. The recently demolished bulk fuel facility at the Site included a warehouse and operations building (1,500 sq. ft.), a small pump monitoring shed building associated with an aboveground storage tank (AST) compound, and three fuel distribution pump islands as illustrated in Figure 2. The northern portion of the site is undeveloped, and is surfaced by deciduous trees and blackberry vines. The buildings and the AST compound were demolished by SD&C between July 3rd and 12th, 2016, and the site is currently undeveloped.

The property is bordered to by:

- A vacant, flat graded, undeveloped property to the north.
- Stanley Street, residential and commercial properties further to the south.
- An unpaved lot and an utility sales company to the west
- A Shell gasoline distribution station, and mini-mart convenience store to the east.

1.3 Background

Past environmental investigations conducted at the site include: Environmental Associates (EA) *Preliminary Subsurface Exploration Report* dated December 9, 2003, SD&C's *Phase I and II Environmental Site Assessment* dated April 3, 2008 and SD&C's *Subsurface Investigation Report* dated January 14, 2016. The past investigations identified widespread subsurface impact at the Site from petroleum hydrocarbons constituents (PHCs) at concentrations exceeding the MTCA cleanup levels in soil and groundwater.

During demolition, all fuel storage facility, and transfer piping were removed and a total of 2,683.31 tons of soil were disposed of off-site. The PHC impacted soil was transported to the Iron Mountain Quarry, a licensed treatment and disposal facility. Soil sample results indicate that the majority of PHC impacted soil was removed from the Site, however there are concentrations of PHC which remained outside the south, west, and eastern property boundaries, and beneath the utilities located on the southeastern entrance to the western adjacent site.

2.0 FIELD ACTIVITIES

2.1 Groundwater Monitoring

Prior to collecting groundwater samples, each of the monitoring wells were opened and inspected. Residual water which had collected in the monuments was removed using a transfer pipet. The locking thermistor caps were then removed and a water level indicator was placed inside the well casing to measure the depth to water. The depth to water level measurements from each of the monitoring wells is included in Table 1 and illustrated in Figure 3 Groundwater Elevation Contour Map. The water levels indicate that the water is flowing to the southwest.

The wells were purged of three well columns. The purge water from the wells was treated on-site and disposed using carbon filtration. After purging the wells, the water levels were allowed to equilibrate.

2.2 Water Monitoring and Sampling

The monitoring wells were sampled in accordance with EPA approved protocol and Ecology's Chapter 172-160 WAC Groundwater samples were collected directly from each probe using a low flow peristaltic pump into pre-prepared laboratory glassware for volatile organic analysis (40 mL glass vials with Teflon-lined septum caps). Two laboratory preserved vials containing HCL were collected from each sampling location. The vials were labeled in accordance with their sampling location including the date, time, and project name. The vials were placed in iced coolers at 4-degrees Celsius to store the samples until delivery to ALS Laboratory of Everett, WA for analysis. The groundwater collected from MW-3 had a slight PHC aroma during sampling, but none of the wells had a sheen or floating PHC product.

3.0 CHEMICAL ANALYSES AND RESULTS

3.1 Laboratory Analyses of Water Samples

Copies of the original laboratory reports are included as Appendix I. The water samples were analyzed for the following PHCs:

- Total Petroleum Hydrocarbons (TPH) Volatile Range as Gasoline, using Ecology Method WTPH-Gx.
- Benzene, Toluene, Ethyl Benzene, Xylenes (BTEX), using EPA Method 8020 modified.
- TPH in the Diesel and Heavy Oil Range, using Ecology Method WTPH-Dx.

3.2 Results of Sample Analyses

The results of the laboratory analysis are summarized in Table 2. The groundwater samples collected from MW-1, MW-2, and MW-4 did not contain detectable concentrations of PHCs at concentrations exceeding the MTCA Method A cleanup levels. The groundwater samples collected from MW-3 and MW-5 contained Diesel, and Heavy Oil at concentrations which exceeded the MTCA method A cleanup levels.

4.0 SUMMARY AND CONCLUSIONS

SD&C conducted this Q3-2016 groundwater monitoring and sampling event at Nelson Petroleum's Granite Falls Facility on September 9th 2016. The quarterly water monitoring and remediation activities were conducted with the intent of achieving an NFA designation with Ecology's VCP. Ecology requires four consecutive quarters of water monitoring data with chemical concentrations below the MTCA method A cleanup levels prior to authorizing a NFA.

The Q3-2016 field results indicates the depth to groundwater in the wells continues to be at a shallow depth between 3-4 feet bgs, and flows to the southwest. In comparison to previous analytical data, PHC concentrations have decreased from the previous sampling events conducted prior to the site decommissioning and demolition. The sample results from MW-1, MW-2, and MW-4 previously contained PHCs at concentrations which exceeded the MTCA method A cleanup levels, and are currently below the cleanup levels. The results indicate that the excavation of the PHC impacted soil at the site had a significant impact on reducing PHC concentrations in groundwater.

The concentrations of PHCs in MW-3 decreased slightly for Diesel, but increased for gasoline. Heavy oil in MW-3 previously had a high detection limit, and the concentration now slightly exceeds the Method A cleanup level. The concentrations of Diesel and Heavy Oil both increased in MW-5. The results of the samples collected from MW-3 and MW-5 indicates that there are residual sources of PHC impact which were not removed during the decommissioning activities.

5.0 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 water conditions in proximity to the sample sites do not deviate appreciably from those examined. Any unusual conditions not identified during this monitoring event should be brought to the attention of SD&C so that modifications may be made 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.

6.0 REFERENCES

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

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-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-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-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-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

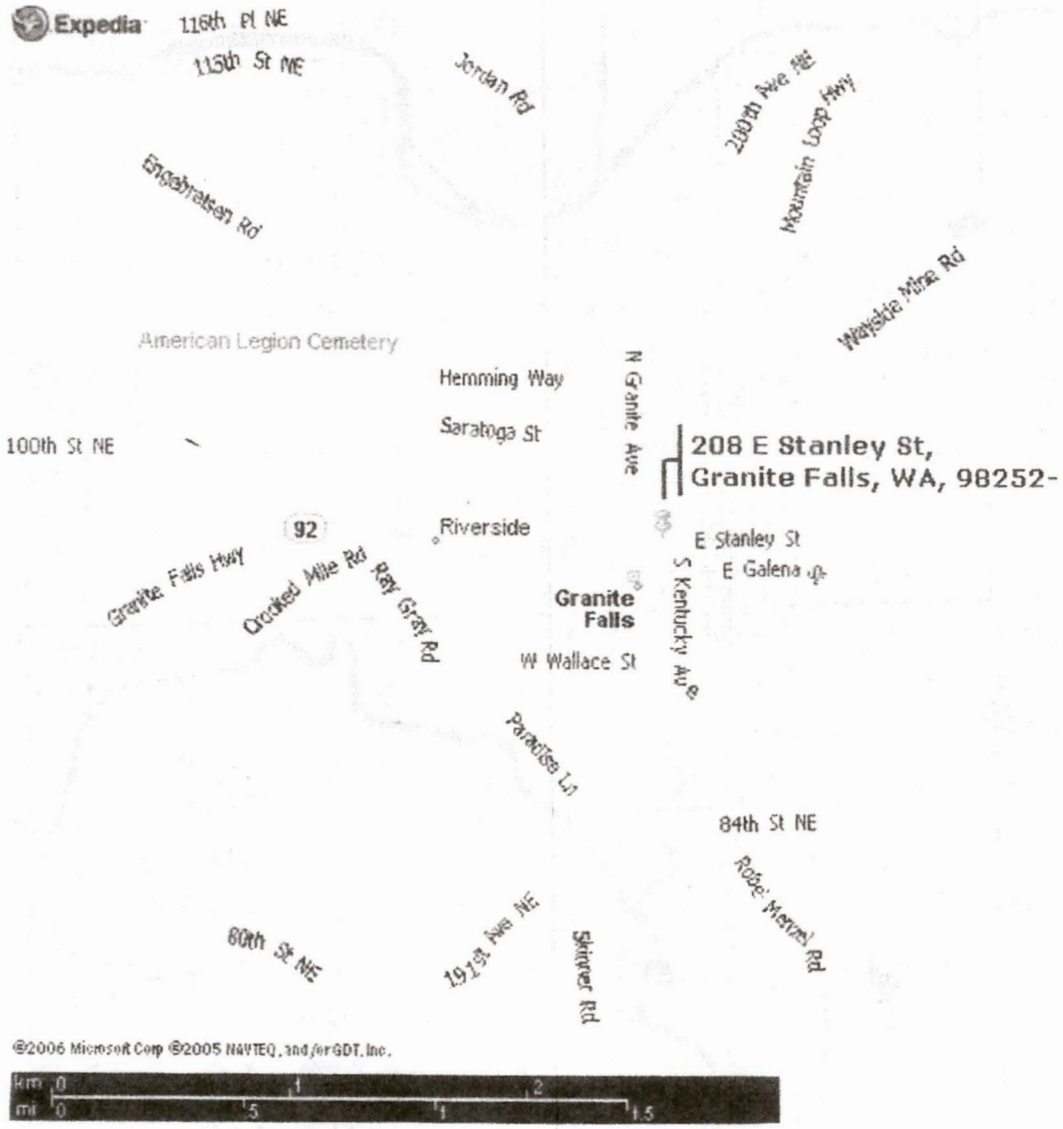
Notes : Casing Elevation Survey Data Provided by David R. Downing & Associates 12/14/15. Groundwater Elevation data was collected using a water level indicator.

Table 2
Laboratory Chemical Analyses Results - Groundwater Samples Q3-2016
Nelson Petroleum Facility, Granite Falls, WA

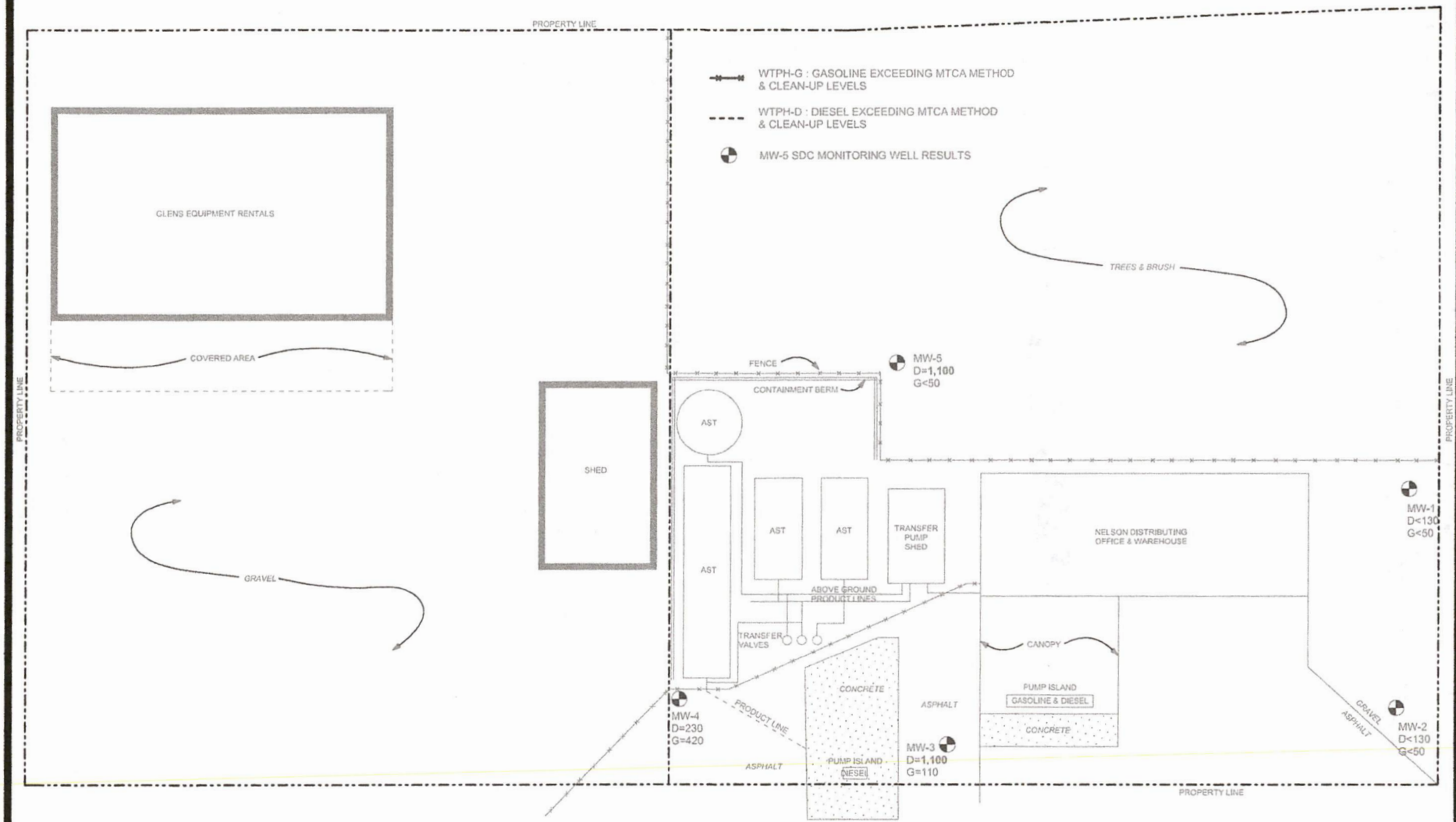
Sample ID	Sample Date	WTPH-G (ug/L, ppb)	WTPH-D (ug/L, ppb)	WTPH-O (ug/L, ppb)	Benzene (ug/L, ppb)	Toluene (ug/L, ppb)	Ethyl Benzene (ug/L, ppb)	Xylenes (ug/L, ppb)
Monitoring Wells								
MW-1	11/12/15	<50	**650**	<1,200	<1	<1	<1	<3
MW-1	9/9/16	<50	<130	300	<1	<1	<1	<3
MW-2	11/12/15	<50	**640**	<1,200	<1	<1	<1	<3
MW-2	9/9/16	<50	<130	<250	<1	<1	<1	<3
MW-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-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-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
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-D ext.



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



SITE PLAN
SCALE: 1" = 20'

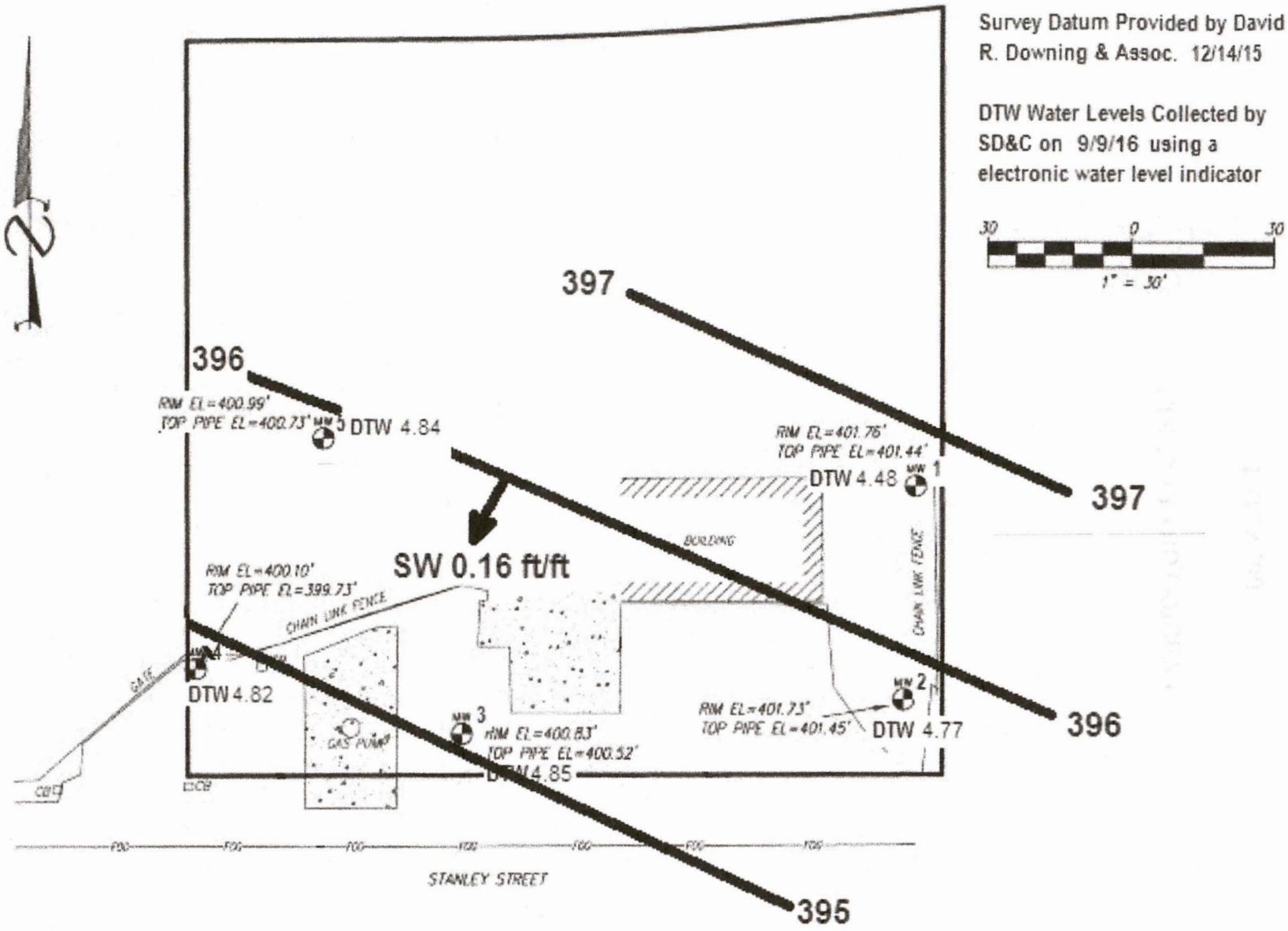
0 10' 20' 40'

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

NELSON DISTRIBUTING
201 W. Stanley Street
Granite Falls, WA

GROUNDWATER ANALYTICAL RESULTS

2



SD&C	Groundwater Elevation Contour Map	Figure 3

APPENDIX I

LABORATORY REPORTS

September 14, 2016

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

Dear Mr. Slotta,

On September 9th, 5 samples were received by our laboratory and assigned our laboratory project number EV16090054. 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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE: ALS JOB#: ALS SAMPLE#:	9/14/2016 EV16090054 EV16090054-01
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	09/09/2016
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	9/9/2016 9:00:00 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	09/10/2016	PAB
Benzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	09/10/2016	PAB
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	09/14/2016	DLC
TPH-Oil Range	NWTPH-DX	**300**	250	1	UG/L	09/14/2016	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**93.8**	09/10/2016	PAB
TFT	EPA-8021	**95.9**	09/10/2016	PAB
C25	NWTPH-DX	**78.6**	09/14/2016	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE: ALS JOB#: ALS SAMPLE#:	9/14/2016 EV16090054 EV16090054-02
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	09/09/2016
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	9/9/2016 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	09/10/2016	PAB
Benzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	09/10/2016	PAB
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	09/14/2016	DLC
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	09/14/2016	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**99.0**	09/10/2016	PAB
TFT	EPA-8021	**97.4**	09/10/2016	PAB
C25	NWTPH-DX	**81.8**	09/14/2016	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE: ALS JOB#: ALS SAMPLE#:	9/14/2016 EV16090054 EV16090054-03
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	09/09/2016
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	9/9/2016 11:00:00 AM
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	**110**	50	1	UG/L	09/10/2016	PAB
Benzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	09/10/2016	PAB
TPH-Diesel Range	NWTPH-DX	**1100**	130	1	UG/L	09/14/2016	DLC
TPH-Oil Range	NWTPH-DX	**530**	250	1	UG/L	09/14/2016	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**96.4**	09/10/2016	PAB
TFT	EPA-8021	**97.0**	09/10/2016	PAB
C25	NWTPH-DX	**81.6**	09/14/2016	DLC

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline, weathered diesel and lube oil.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE: ALS JOB#: ALS SAMPLE#:	9/14/2016 EV16090054 EV16090054-04
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	09/09/2016
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	9/9/2016 1:30:00 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	**420**	50	1	UG/L	09/10/2016	PAB
Benzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	09/10/2016	PAB
TPH-Diesel Range	NWTPH-DX	**230**	130	1	UG/L	09/14/2016	DLC
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	09/14/2016	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**97.9**	09/10/2016	PAB
TFT	EPA-8021	**106**	09/10/2016	PAB
C25	NWTPH-DX	**100**	09/14/2016	DLC

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 weathered diesel.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	SD & C PO Box 2071 Kirkland, WA 98083	DATE: ALS JOB#: ALS SAMPLE#:	9/14/2016 EV16090054 EV16090054-05
CLIENT CONTACT:	Tim Slotta	DATE RECEIVED:	09/09/2016
CLIENT PROJECT:	Nelson GF	COLLECTION DATE:	9/9/2016 12:00:00 PM
CLIENT SAMPLE ID	MW-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	50	1	UG/L	09/10/2016	PAB
Benzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	09/10/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	09/10/2016	PAB
TPH-Diesel Range	NWTPH-DX	**1100**	130	1	UG/L	09/14/2016	DLC
TPH-Oil Range	NWTPH-DX	**1100**	250	1	UG/L	09/14/2016	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**96.8**	09/10/2016	PAB
TFT	EPA-8021	**93.7**	09/10/2016	PAB
C25	NWTPH-DX	**61.9**	09/14/2016	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Tim Slotta
CLIENT PROJECT: Nelson GF

DATE: 9/14/2016
ALS SDG#: EV16090054
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MBG-090816W2 - Batch 107859 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	09/09/2016	PAB

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

MB-090816W2 - Batch 107859 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	09/09/2016	PAB
Toluene	EPA-8021	U	UG/L	1.0	09/09/2016	PAB
Ethylbenzene	EPA-8021	U	UG/L	1.0	09/09/2016	PAB
Xylenes	EPA-8021	U	UG/L	3.0	09/09/2016	PAB

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

MB-091216W - Batch 107927 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	UG/L	130	09/12/2016	DLC
TPH-Oil Range	NWTPH-DX	U	UG/L	250	09/12/2016	DLC

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

ALS Environmental

CERTIFICATE OF ANALYSIS

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

CLIENT CONTACT: Tim Slotta
CLIENT PROJECT: Nelson GF

DATE: 9/14/2016
ALS SDG#: EV16090054
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 107859 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	88.7			66.5	122.7	09/09/2016	PAB
TPH-Volatile Range - BSD	NWTPH-GX	89.1	0		66.5	122.7	09/09/2016	PAB

ALS Test Batch ID: 107859 - 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	09/09/2016	PAB
Benzene - BSD	EPA-8021	93.1	1		83	120	09/09/2016	PAB
Toluene - BS	EPA-8021	96.9			85	115	09/09/2016	PAB
Toluene - BSD	EPA-8021	95.3	2		85	115	09/09/2016	PAB
Ethylbenzene - BS	EPA-8021	101			85	113	09/09/2016	PAB
Ethylbenzene - BSD	EPA-8021	101	0		85	113	09/09/2016	PAB
Xylenes - BS	EPA-8021	99.2			85	116	09/09/2016	PAB
Xylenes - BSD	EPA-8021	99.3	0		85	116	09/09/2016	PAB

ALS Test Batch ID: 107927 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	96.3			67	125.2	09/12/2016	DLC
TPH-Diesel Range - BSD	NWTPH-DX	98.1	2		67	125.2	09/12/2016	DLC

APPROVED BY

Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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): EV1609005 4

Date 9-9-16 Page 1 Of 1

PROJECT ID:	NELSON GF
REPORT TO COMPANY:	SDGC
PROJECT MANAGER:	T. SLOTA
ADDRESS:	P.O. BOX 2071
	KIRKLAND, WA 98083
PHONE:	(206) 459-5775 FAX:
P.O. #:	E-MAIL: TS4SDGC@HOTMAIL.COM
INVOICE TO COMPANY:	SDGC
ATTENTION:	T. SLOTA
ADDRESS:	

ANALYSIS REQUESTED

OTHER (Specify)

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 ☐								NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-1	9-9-16	9:00	H2O	1		X	X	X																											3	
2. MW-2	9-9-16	10:00	"	2		X	X	X																											3	
3. MW-3	"	11:00	"	3		X	X	X																											3	
4. MW-4	"	13:30	"	4		X	X	X																											3	
5. MW-5	"	12:00	"	5		X	X	X																											3	
6.																																					
7.																																					
8.																																					
9.																																					
10.																																					

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: _____ SDGC 9-9-16
   Received By: _____ ALS 9/9/16 1:40
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