NW2174
Smokey Point Chevron
Marysville.

GeoScience Management, Inc. *Environmental Consulting Services*

809 156th Street NE, Arlington, WA 98223 Telephone (360) 654-0677 - Fax (360) 654-0678

May 7, 2011

ROGERS
ORIGINAL

Denis and Mary Rogers
2809 Lake Avenue
Snohomish, WA 98290-1006

Subject: **Groundwater Monitoring Event, April 2011**
Former Smokey Point Chevron
2804 – 172nd Street NE, Marysville, WA

VCP #2174

Dear Mr. and Ms. Rogers:

GeoScience Management, Inc.. (GSM) has conducted a groundwater monitoring event at the above-referenced site. The work consisted of collecting groundwater samples from all 14 existing 2-inch diameter groundwater wells on the former service station site as well as the adjacent Madison Development property. This letter report presents the results of the sampling and analysis of the water samples obtained from those wells. The property owners have entered the site into the Voluntary Cleanup Program (VCP) in Ecology's Toxic Cleanup Program. Mr. Dale Meyer is the VCP manager at Ecology for this project.

Site Description

The site is located at 2804 – 172nd Street NE, Marysville, WA, 98271 (Figure 1). GSM has conducted previous environmental investigations at the former service station and adjacent Madison Development property, resulting in the installation of 18 groundwater monitoring wells. The underground storage tanks were removed from the service station site in October 2009, and a total of six monitoring wells were abandoned by a licensed well driller, and subsequently excavated at that time. GSM installed two replacement monitoring wells in the former excavation area in February 2010.

Sampling Existing Groundwater Monitoring Wells

Groundwater from the 14 existing monitoring wells was sampled on April 11, 2011. Prior to sampling, water levels were measured in each of the wells. The samples were collected using low-flow sampling techniques. Water was purged with a small electric submersible pump at a rate of less than 0.5 liters/minute. Groundwater parameters (temperature, pH, specific conductance) were recorded during purging. When groundwater parameters stabilized (final parameter readings within 10% of the previous reading), the sample was collected. The pump and tubing were cleaned between each sampling event using a laboratory-grade soap and tap water rinse. Depths-to water measurements and relative groundwater elevations are presented in Table 1. Groundwater sampling parameters are contained on the Groundwater Data Sampling Sheets included in Appendix A.

Relative Groundwater Elevations. Table 1 presents the depth-to-water measurements obtained during sampling, the surveyed top of casing (TOC) relative elevations, and the calculated relative groundwater elevations for the monitoring wells. The relative groundwater elevations and inferred groundwater contours are presented on Figure 3. Data indicates that groundwater flow is generally to the south from the UST complex, which is consistent with previous site data. The data used for this investigation was obtained in April 2011, and water levels were generally the highest we have observed since monitoring at the site began in 2006.

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Laboratory Analytical Results

The groundwater samples were transported under standard chain-of-custody to ESN Northwest Analytical Laboratories, Inc., in Bellevue, Washington for laboratory analysis. All 14 groundwater samples were analyzed for TPH as gasoline by Method NWTPH-Gx, and for benzene, toluene, ethylbenzene and xylenes (BTEX), by EPA Method 8260b. Analytical results are presented in Table 2, and shown on Figure 2.

The laboratory results indicated that groundwater samples exceeded cleanup level under Method A of the Model Toxics Control Act (MTCA), for one or more of the target analytes. The cleanup levels under Method A of the MTCA are listed at the bottom of Table 2 for reference. The laboratory results and chain-of-custody record are included as Attachment B

Summary and Discussion

Fourteen existing groundwater monitoring wells were sampled on April 11, 2011, and submitted to ESN NW Analytical Laboratories for analysis for Gas/BTEX. Only four of the 14 groundwater samples had one or more fuel-related compounds at concentrations which exceeded the MTCA Method A cleanup levels. The other 9 wells did not contain contaminants at or above the Method A cleanup levels. In general, contaminant concentrations are lower than the previous sampling event conducted in September 2009, which several exceptions: 1) Gasoline and benzene concentrations in well MW-111 rose from ND (<100) and 1.0 ug/L, to 4,500 ug/L and 6.9 ug/L, respectively, in April 2011; 2). Gasoline and benzene concentrations in well MW-112 rose from ND (<100) and ND (<1.0), to 700 ug/L and 140 ug/L, respectively, in April 2011; and 3). Gasoline and benzene concentrations in well MW-113 rose from 130 ug/L and 29 ug/L, to 4,000 ug/L and 70 ug/L, respectively, in April 2011. The ug/L concentrations approximate parts per billion (ppb) concentrations.

Limitations

The services described in this report were performed consistent with generally accepted professional consulting principles and practices at the time the work was performed. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

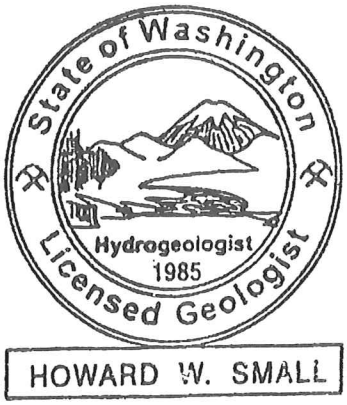
Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

GSM appreciates the opportunity to provide you with consulting services. If you have any questions or require additional information, please call me at (360) 654-0677.

Sincerely,
GeoScience Management, Inc.

Howard W. Small, L.HG. C.P.G.
Principal Geologist

Attachments: Table 1 – Relative Groundwater Elevations
Table 2 - Summary of Laboratory Analytical Results
Figure 1 – Site Vicinity Map
Figure 2 - Site Plan and Groundwater Contours, April 11, 2011
Figure 3 – Groundwater Analytical Results, April 11, 2011
Attachment A – Groundwater Sampling Data Sheets
Attachment B - Laboratory Report by ESN Northwest, Inc.



TABLES

Table 1
Relative Groundwater Elevations

Table 2
Summary of Laboratory Analytical Results

Table 1
Relative Groundwater Elevations
Smokey Point Chevron Station
2804 - 172nd Street NE, Marysville, WA

Sample ID	Collection Date	TOC Elevation (Feet)	Measured Depth to Groundwater (Feet)	Relative Groundwater Elevation (Feet)	Change since last Measurement (+) or (-) (Feet)
Monitoring Wells					
MW-101	9/27/2006	99.86	6.86	93.00	N/A
	12/6/2008	99.86	4.56	95.30	2.30
	9/27/2009	99.86	6.45	93.41	-1.89
	4/11/2011	99.86	2.44	97.42	4.01
MW-102	9/27/2006	99.28	6.47	92.81	N/A
	12/6/2008	99.28	3.93	95.35	2.54
	9/27/2009	99.28	5.85	93.43	-1.92
	4/11/2011	Well Destroyed During UST Removal, October 2009			
MW-103	9/27/2006	99.40	6.41	92.99	N/A
	12/6/2008	99.40	4.12	95.28	2.29
	9/27/2009	99.40	6.07	93.33	-1.95
	4/11/2011	Well Destroyed During UST Removal, October 2009			
MW-104	9/27/2006	99.57	6.57	93.00	N/A
	12/6/2008	99.57	4.28	95.29	2.29
	9/27/2009	99.57	6.19	93.38	-1.91
	4/11/2011	Well Destroyed During UST Removal, October 2009			
MW-105	9/27/2006	99.33	6.39	92.94	N/A
	12/6/2008	99.33	4.09	95.24	2.30
	9/27/2009	99.33	5.97	93.36	-1.88
	4/11/2011	99.33	1.98	97.35	3.99
MW-106	9/27/2006	98.87	5.97	92.90	N/A
	12/6/2008	98.87	4.39	94.48	1.58
	9/27/2009	98.87	5.10	93.77	-0.71
	4/11/2011	98.87	1.55	97.32	3.55
MW-107	9/27/2006	99.33	6.41	92.92	N/A
	12/6/2008	99.33	4.15	95.18	2.26
	9/27/2009	99.33	6.04	93.29	-1.89
	4/11/2011	Well Destroyed During UST Removal, October 2009			
MW-108	9/27/2006	99.29	6.37	92.92	N/A
	12/6/2008	99.29	4.11	95.18	2.26
	9/27/2009	99.29	6.00	93.29	-1.89
	4/11/2011	Well Destroyed During UST Removal, October 2009			
MW-109	9/27/2006	99.40	6.47	92.93	N/A
	12/6/2008	99.40	4.22	95.18	2.25
	9/27/2009	99.40	6.09	93.31	-1.87
	4/11/2011	Well Destroyed During UST Removal, October 2009			
MW-110	9/27/2006	99.20	6.23	92.97	N/A
	12/6/2008	99.20	4.00	95.20	2.23
	9/27/2009	99.20	5.87	93.33	-1.87
	4/11/2011	99.20	1.85	97.35	4.02
MW-111	9/27/2006	100.78	7.69	93.09	N/A
	12/6/2008	100.78	5.46	95.32	2.23
	9/27/2009	100.78	7.29	93.49	-1.83
	4/11/2011	100.78	3.50	97.28	3.79
MW-112	12/6/2008	99.50	4.21	95.29	N/A
	9/27/2009	99.50	6.11	93.39	-1.90
	4/11/2011	99.50	2.51	96.99	3.60

Table 1
Relative Groundwater Elevations
Smokey Point Chevron Station
2804 - 172nd Street NE, Marysville, WA

Sample ID	Collection Date	TOC Elevation (Feet)	Measured Depth to Groundwater (Feet)	Relative Groundwater Elevation (Feet)	Change since last Measurement (+) or (-) (Feet)
MW-113	12/6/2008	100.03	4.86	95.17	N/A
	9/27/2009	100.03	6.73	93.30	-1.87
	4/11/2011	100.03	3.18	96.85	3.55
MW-114	12/6/2008	99.62	4.71	94.91	N/A
	9/27/2009	99.62	6.55	93.07	-1.84
	4/11/2011	99.62	3.07	96.55	3.48
MW-115	12/6/2008	99.90	4.93	94.97	N/A
	9/27/2009	99.90	6.49	93.41	-1.56
	4/11/2011	99.90	3.15	96.75	3.34
MW-116	12/6/2008	100.17	5.30	94.87	N/A
	9/27/2009	100.17	7.17	93.00	-1.87
	4/11/2011	100.17	3.75	96.42	3.42
MW-117	12/6/2008	100.65	5.59	95.06	N/A
	9/27/2009	100.65	7.45	93.20	-1.86
	4/11/2011	100.65	3.78	96.87	3.67
MW-118	12/6/2008	100.20	4.91	95.29	N/A
	9/27/2009	100.20	6.78	93.42	-1.87
	4/11/2011	100.20	3.19	97.01	3.59
MW-119	3/14/2010	99.53	3.67	95.86	N/A
	4/11/2011	99.53	2.15	97.38	1.52
MW-120	3/14/2010	99.42	3.98	95.44	N/A
	4/11/2011	99.42	2.11	97.31	1.87

Notes:

- Elevations surveyed by professional land surveyor, base point assumed 10.91 feet vertical elevation at top of northwest bolt on concrete base for yard light located east of pump islands.

Table 2
Summary of Laboratory Results of Groundwater Analsysis
Smokey Point Chevron Site
Marysville, WA

Sample ID	Sample Date	TPH-G (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
MW-101	9/27/2006	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	12/6/2008	450	7.1	48	7.0	45
	9/27/2009	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	4/11/2011	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
MW-102	9/27/2006	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	12/6/2008	990	17	99	12	86
	9/27/2009	ND(<100)	1.3	1.7	ND(<1.0)	ND(<3.0)
	Well Destroyed During UST Removal in October 2010					
MW-103	9/27/2006	13,000	450	2,100	330	2,200
	12/6/2008	21,000	1,400	2,500	1,300	1,000
	9/27/2009	44,000	1,600	9,700	1,500	9,800
	Well Destroyed During UST Removal in October 2010					
MW-104	9/27/2006	5,000	61	700	120	830
	12/6/2008	33,000	300	3,400	490	3,600
	9/27/2009	20,000	250	4,200	770	4,700
	Well Destroyed During UST Removal in October 2010					
MW-105	9/27/2006	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	12/6/2008	630	7.7	55	9.0	61
	9/27/2009	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	4/11/2011	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
MW-106	9/27/2006	360	ND(<1.0)	ND(<1.0)	52	6.0
MW-106 dup	9/27/2006	360	ND(<1.0)	3.0	14	51
	12/6/2008	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	9/27/2009	ND(<100)	ND(<1.0)	1.0	ND(<1.0)	ND(<3.0)
	4/11/2011	ND(<100)	ND(<1.0)	ND(<1.0)	2.0	14
MW-107	9/27/2006	8,300	170	930	240	1,200
	12/6/2008	37,000	950	3,800	550	3,400
	9/27/2009	16,000	500	4,900	720	3,600
	Well Destroyed During UST Removal in October 2010					
MW-108	9/27/2006	1,200	52	190	21	160
	12/6/2008	68,000	3,450	7,400	470	3,100
	9/27/2009	29,000	1,700	12,000	1,200	6,900
	Well Destroyed During UST Removal in October 2010					
MW-109	9/27/2006	2,500	47	470	48	370
	12/6/2008	500	13	71	2.1	35
	9/27/2009	11,000	560	2,600	260	2,100
	Well Destroyed During UST Removal in October 2010					
MW-110	9/27/2006	ND(<100)	ND(<1.0)	3.0	ND(<1.0)	ND(<3.0)
	12/6/2008	ND(<100)	1.3	ND(<1.0)	ND(<1.0)	ND(<3.0)
	9/27/2009	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	4/11/2011	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
MW-111	9/27/2006	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	12/6/2008	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	9/27/2009	ND(<100)	1.0	1.3	ND(<1.0)	ND(<3.0)
	4/11/2011	4,500	6.9	45	220	130
MW-112	12/6/2008	ND(<100)	1.5	1.2	ND(<1.0)	ND(<3.0)
	9/27/2009	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
	4/11/2011	700	140	54	35	67
MW-113	12/6/2008	250	50	1.8	6.9	ND(<3.0)
	9/27/2009	130	29	4.7	5.6	7.2
	4/11/2011	4,000	70	110	110	260
MW-114	12/6/2008	250	28	ND(<1.0)	ND(<1.0)	ND(<3.0)
	9/27/2009	160	15	1.9	1.3	ND(<3.0)
	4/11/2011	ND(<100)	9.2	ND(<1.0)	4.5	8.3
MW-115	12/6/2008	540	120	1.1	14	ND(<3.0)
	9/27/2009	ND(<100)	180	ND(<1.0)	10	ND(<3.0)
	4/11/2011	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)

Table 2
Summary of Laboratory Results of Groundwater Analsysis
Smokey Point Chevron Site
Marysville, WA

Sample ID	Sample Date	TPH-G (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
MW-116	12/6/2008	380	49	ND(<1.0)	ND(<1.0)	ND(<3.0)
	9/27/2009	ND(<100)	32	ND(<1.0)	1.2	ND(<3.0)
	4/11/2011	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
MW-117	12/6/2008	100	12	1.6	ND(<1.0)	ND(<3.0)
	9/27/2009	ND(<100)	1.4	1.0	ND(<1.0)	ND(<3.0)
	4/11/2011	ND(<100)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)
MW-118	12/6/2008	2,400	290	3.0	20	5.1
	9/27/2009	ND(<100)	4.1	21.0	2	14.0
	4/11/2011	ND(<100)	1.1	3.1	1.9	5.8
MW-119	3/14/2010	5,300	8	120	170	1,000
	4/11/2011	ND(<100)	ND(<1.0)	2.6	1.7	5.9
MW-120	3/14/2010	11,000	18	330	220	1,500
	4/11/2011	170	ND(<1.0)	1.4	ND(<1.0)	3.3
MTCA Method A Cleanup Level		800 /1000	5	700	1000	1000

-- = Not Analyzed ND = Not Detected ug/kg = micrograms per liter (approximates parts per billion)

Bold = Exceeds the Model Toxics Control Act (MTCA) Method A cleanup level.

BTEX = Benzene, Toluene, Ethylbenzene, and Total Xylenes by EPA Method 8021.

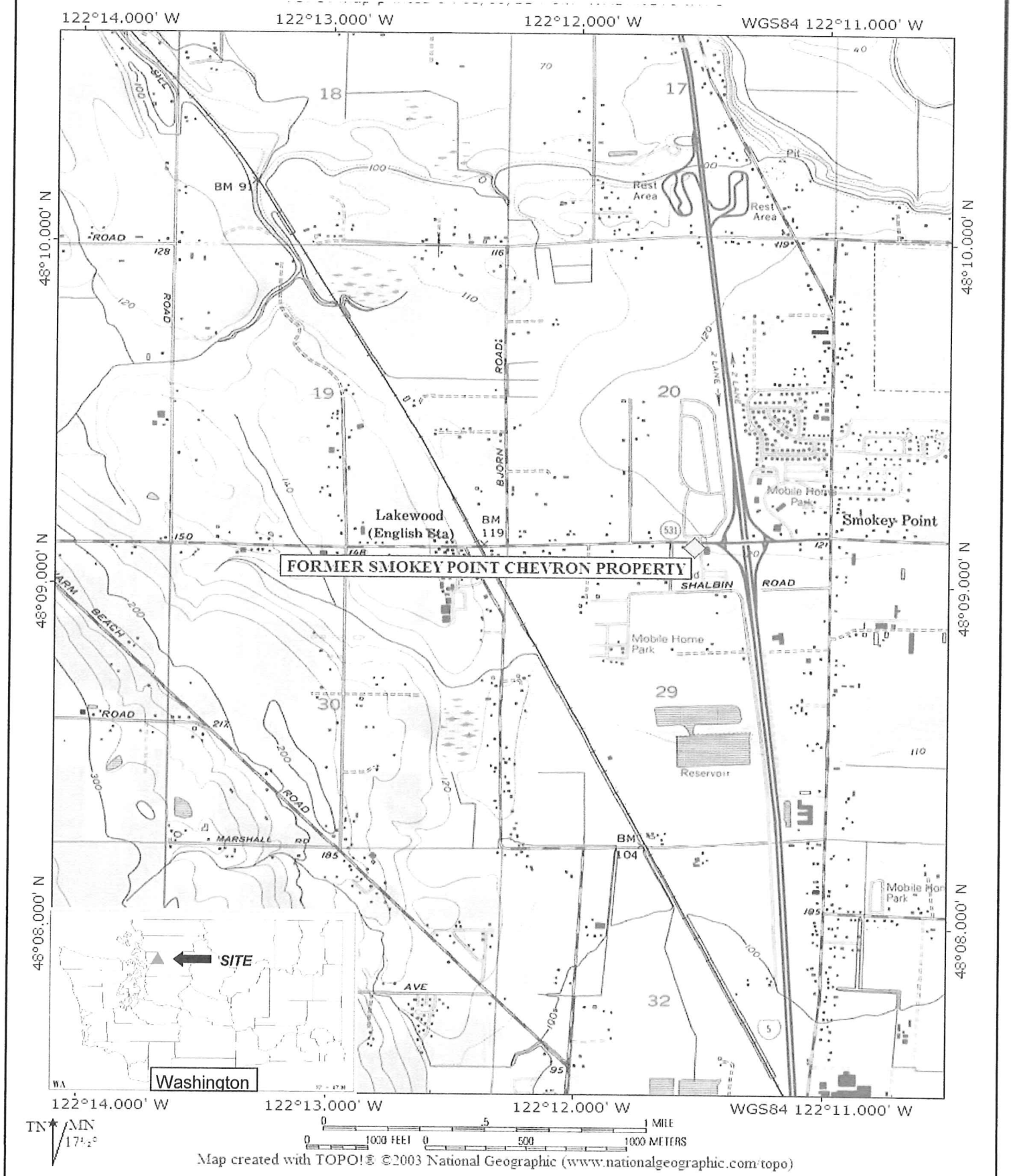
TPH-G = Total Petroleum Hydrocarbons as Gasoline by Northwest Method NWTPH-Gx.

FIGURES

Figure 1
Vicinity Map

Figure 2
Relative Groundwater Elevations Contours and Groundwater Flow on April 11, 2011

Figure 3
Groundwater Analytical Results April 11, 2011



GEOSCIENCE MANAGEMENT, INC.
ENVIRONMENTAL CONSULTING SERVICES
809 156TH STREET NE
ARLINGTON, WA 98223

FIGURE 1

VICINITY MAP

FORMER SMOKEY POINT CHEVRON PROPERTY
2804 172ND STREET NE
MARYSVILLE, WA

ATTACHMENT A

Groundwater Sampling Data Sheets

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-101*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1645*

Weather: ☐ Clear ☐ Raining Overcast ☑ Snowing ☐ Hot ☐ Warm ☐ Cold ☑ Other: ☐ _____

SAMPLING DATA

2.44 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
15 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____

☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 12.56 feet of water X *0.17* gallons per foot = *2.14* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1637		*11.47*	*7.56*	*7.10*			
1640		*11.35*	*7.25*	*6.99*			
1643		*11.25*	*7.21*	*6.87*			

Notes:

Sampler Decontamination:

☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-101* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-105*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1710*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐ _____

SAMPLING DATA

1.98 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
15 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 13.02 feet of water X *0.17* gallons per foot = *2.21* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1700		*12.21*	*7.55*	*6.95*			
1705		*12.00*	*7.41*	*6.81*			
1709		*11.95*	*7.35*	*6.74*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-105* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-106*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1755*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐ _____

SAMPLING DATA

1.55 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
15 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 13.45 feet of water X *0.17* gallons per foot = *2.29* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1745		*12.63*	*9.69*	*6.81*			
1750		*12.4*	*9.53*	*6.68*			
1754		*12.01*	*9.11*	*6.68*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Howard W. Small

Sample ID: *MW-106* **Signature:**

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-110*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1625*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐ _____

SAMPLING DATA

1.85 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
15 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 13.15 feet of water X *0.17* gallons per foot = *2.24* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1615		*12.34*	*8.56*	*6.77*			
1620		*12.06*	*8.05*	*6.51*			
1624		*11.99*	*7.95*	*6.42*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-110* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:**

Client: *Denis and Mary Rogers* **Well ID:** *MW-111*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1730*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐

SAMPLING DATA

3.50 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
15 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other:
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 11.5 feet of water X *0.17* gallons per foot = *1.96* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other:

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1720		*12.95*	*8.55*	*6.75*			
1725		*12.75*	*8.41*	*6.64*			
1729		*12.70*	*8.26*	*6.55*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-111* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-112*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1200*

Weather: ☐ Clear ☐ Raining Overcast ☑ Snowing ☐ Hot ☐ Warm ☐ Cold ☑ Other: ☐ _____

SAMPLING DATA

2.51 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
13 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____

☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 10.49 feet of water X *0.17* gallons per foot = *1.78* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1150		*12.81*	*8.89*	*6.94*			
1154		*12.64*	*8.46*	*6.79*			
1157		*12.16*	*8.27*	*6.66*			

Notes:

Sampler Decontamination:

☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-112* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-113*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1010*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐ _____

SAMPLING DATA

3.18 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
14.5 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 11.32 feet of water X *0.17* gallons per foot = *1.92* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1002		*11.90*	*11.15*	*6.68*			
1006		*11.85*	*10.91*	*6.61*			
1009		*11.80*	*10.75*	*6.51*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-113* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-114*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1225*

Weather: ☐ Clear ☐ Raining Overcast ☑ Snowing ☐ Hot ☐ Other: ☐ Warm ☐ Cold ☑

SAMPLING DATA

3.07 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
14 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____

☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 10.93 feet of water X *0.17* gallons per foot = *1.86* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1216		*12.35*	*9.68*	*6.64*			
1220		*12.15*	*9.38*	*6.35*			
1223		*1.203*	*9.15*	*6.31*			

Notes:

Sampler Decontamination:

☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-114* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-115*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1400*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐ _____

SAMPLING DATA

3.15	*Feet*	Below	*Top of PVC Casing, North Side*
Depth to water	Units		Measuring point
N/A	*Feet*	Below	*Top of PVC Casing, North Side*
Depth to product	Units		Measuring point
14	*Feet*	Below	*Top of PVC Casing, North Side*
Well depth	Units		Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 10.85 feet of water X *0.17* gallons per foot = *1.84* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1345		*12.35*	*9.76*	*6.88*			
1348		*12.10*	*9.58*	*6.62*			
1352		*12.00*	*9.41*	*6.56*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-115* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:** _____

Client: *Denis and Mary Rogers* **Well ID:** *MW-116*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1250*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐ _____

SAMPLING DATA

3.75 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
14 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other: _____
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 10.25 feet of water X *0.17* gallons per foot = *1.74* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other: _____

Time	Total Volume Discharged (gal. or L)	Temperature C °	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1241		*12.95*	*7.35*	*6.77*			
1245		*12.67*	*6.85*	*6.66*			
1248		*12.61*	*6.55*	*6.58*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-116* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:**

Client: *Denis and Mary Rogers* **Well ID:** *MW-117*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1330*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐

SAMPLING DATA

3.78 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
14 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other:
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 10.22 feet of water X *0.17* gallons per foot = *1.74* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other:

Time	Total Volume Discharged (gal. or L)	Temperature C°	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
13.22		*12.24*	*6.66*	*6.51*			
1325		*12.06*	*6.38*	*6.21*			
1328		*11.94*	*6.09*	*6.05*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-117* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:**

Client: *Denis and Mary Rogers* **Well ID:** *MW-118*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1040*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐

SAMPLING DATA

3.19 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
14 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other:
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 10.81 feet of water X *0.17* gallons per foot = *1.84* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other:

Time	Total Volume Discharged (gal. or L)	Temperature C°	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1032		*12.58*	*9.42*	*6.78*			
1036		*12.36*	*9.29*	*6.57*			
1039		*12.11*	*9.02*	*6.65*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-118* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:**

Client: *Denis and Mary Rogers* **Well ID:** *MW-119*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1115*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐

SAMPLING DATA

2.15 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
14 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other:
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 11.85 feet of water X *0.17* gallons per foot = *2.01* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other:

Time	Total Volume Discharged (gal. or L)	Temperature C°	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1107		*12.49*	*9.26*	*6.65*			
1110		*12.15*	*9.03*	*6.42*			
1113		*12.07*	*8.89*	*6.36*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Sample ID: *MW-119* **Signature:** Howard W. Small

Groundwater Sampling Data Sheet

Project Name: *Smokey Point Chevron* **Project Number:**

Client: *Denis and Mary Rogers* **Well ID:** *MW-120*

Location: *2804 172nd Street NE, Marysville, WA* **Date:** *4/11/2011*

Personnel: *HWSmall* **Time:** *1200*

Weather: ☐ Clear Overcast ☑ Hot ☐ Warm ☐ Cold ☑
☐ Raining Snowing ☐ Other: ☐

SAMPLING DATA

2.11 Depth to water	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
N/A Depth to product	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point
14 Well depth	*Feet* Units	Below	*Top of PVC Casing, North Side* Measuring point

Based on: ☐ Field Measurements ☑ Well Log

Well Diameter: ☑ 2-inch (0.17 gal./ft.) ☐ 6-inch (1.5 gal./f ☐ Other:
☐ 4-inch (0.66 gal./ft.) ☐ 8-inch (2.6 gal./ft.)

Casing Volume: 11.89 feet of water X *0.17* gallons per foot = *2.02* gallons

Volume Purged: 2 gallons

Purge Method: ☐ Bailer ☑ Pump ☐ Other/Material: Low flow <0.5L/min

Well Condition: ☑ Satisfactory ☐ Other:

Time	Total Volume Discharged (gal. or L)	Temperature C°	Specific Conductance (MicroSiemans/cm)	pH	TDS (g/L) ~~Turbidity~~	Dissolved Oxygen (mg/L)	ReDox
1153		*12.75*	*9.26*	*6.99*			
1156		*12.20*	*9.06*	*6.81*			
1159		*12.10*	*9.01*	*6.67*			

Notes:

Sampler Decontamination:
☑ Soap/water ☐ Hexane ☐ Methanol ☐ Distilled Water ☐ Other

Analyses:

Howard W. Small

Sample ID: *MW-120* **Signature:**

ATTACHMENT B

Analytical Laboratory Report

ESN NORTHWEST CHEMISTRY LABORATORY

GSM
SMOKEY POINT CHEVRON PROJECT
Smokey Point, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Water by Method NWTPH-Gx/8260

Sample Number	Date Analyzed	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Gasoline Range Organics (ug/L)	Surrogate Recovery (%)
Method Blank	4/19/2011	nd	nd	nd	nd	nd	117%
LCS	4/19/2011	82%	69%	76%	80%	98%	96%
LCSD	4/19/2011	123%	115%	118%	128%	---	134%
MW-101	4/19/2011	nd	nd	nd	nd	nd	132%
MW-101 Dup	4/19/2011	nd	nd	nd	nd	nd	114%
MW-105	4/19/2011	nd	nd	nd	nd	nd	100%
MW-106	4/19/2011	nd	nd	**2.0**	**14**	nd	117%
MW-110	4/19/2011	nd	nd	nd	nd	nd	98%
MW-111	4/19/2011	**6.9**	**45**	**220**	**130**	**4500**	97%
MW-112	4/19/2011	**140**	**54**	**35**	**67**	**700**	116%
MW-113	4/19/2011	**70**	**110**	**110**	**260**	**4000**	95%
MW-114	4/19/2011	**9.2**	nd	**4.5**	**8.3**	nd	127%
MW-115	4/19/2011	nd	nd	nd	nd	nd	128%
MW-116	4/19/2011	nd	nd	nd	nd	nd	123%
MW-117	4/19/2011	nd	nd	nd	nd	nd	67%
MW-118	4/19/2011	**1.1**	**3.1**	**1.9**	**5.8**	nd	129%
MW-119	4/19/2011	nd	**2.6**	**1.7**	**5.9**	nd	129%
MW-120	4/19/2011	nd	**1.4**	nd	**3.3**	**170**	119%
Reporting Limits		1.0	1.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Bromoflurorbenzene) & LCS: 65% TO 135%

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: GSM

ADDRESS: 809 156TH ST. NE, ARLINGTON, WA 98223

PHONE: 206 730 0228 FAX: 360 335 6425

CLIENT PROJECT #: Smokey Point PROJECT MANAGER: HW Small

DATE: 4/11/2011 PAGE 1 OF 1

PROJECT NAME: Smokey Point Chevron

LOCATION: Smokey Point, WA

COLLECTOR: HW Small DATE OF COLLECTION 4/11/2011

Sample Number	Depth	Time	Sample Type	Container Type	TPH-HCID	TPH - DIESEL & OIL	TPH - GASOLINE	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos-PLM	GRO Suite	DRO Suite	WO Suite	NOTES	Total Number of Containers	Laboratory Note Number
1. MW-101	—	1645	H2O	VOAs			X	X														Preserved w/ HCL	2	
2. MW-105	—	1710	"	"			X	X															2	
3. MW-106		1755	"	"			X	X															2	
4. MW-110		1625	"	"			X	X															2	
5. MW-111		1730	"	"			X	X															2	
6. MW-112		1200	"	"			X	X															2	
7. MW-113		1010	"	"			X	X															2	
8. MW-114		1225	"	"			X	X															2	
9. MW-115		1400	"	"			X	X															2	
10. MW-116		1250	"	"			X	X															2	
11. MW-117		1330	"	"			X	X															2	
12. MW-118		1040	"	"			X	X															2	
13. MW-119		1115	"	"			X	X															2	
14. MW-120		1200	"	"			X	X															2	
15.																								
16.																								
17.																								
18.																								

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
HW Small	4/18/2011 14:25 PM	[illegible]	4/18/11 14:25
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

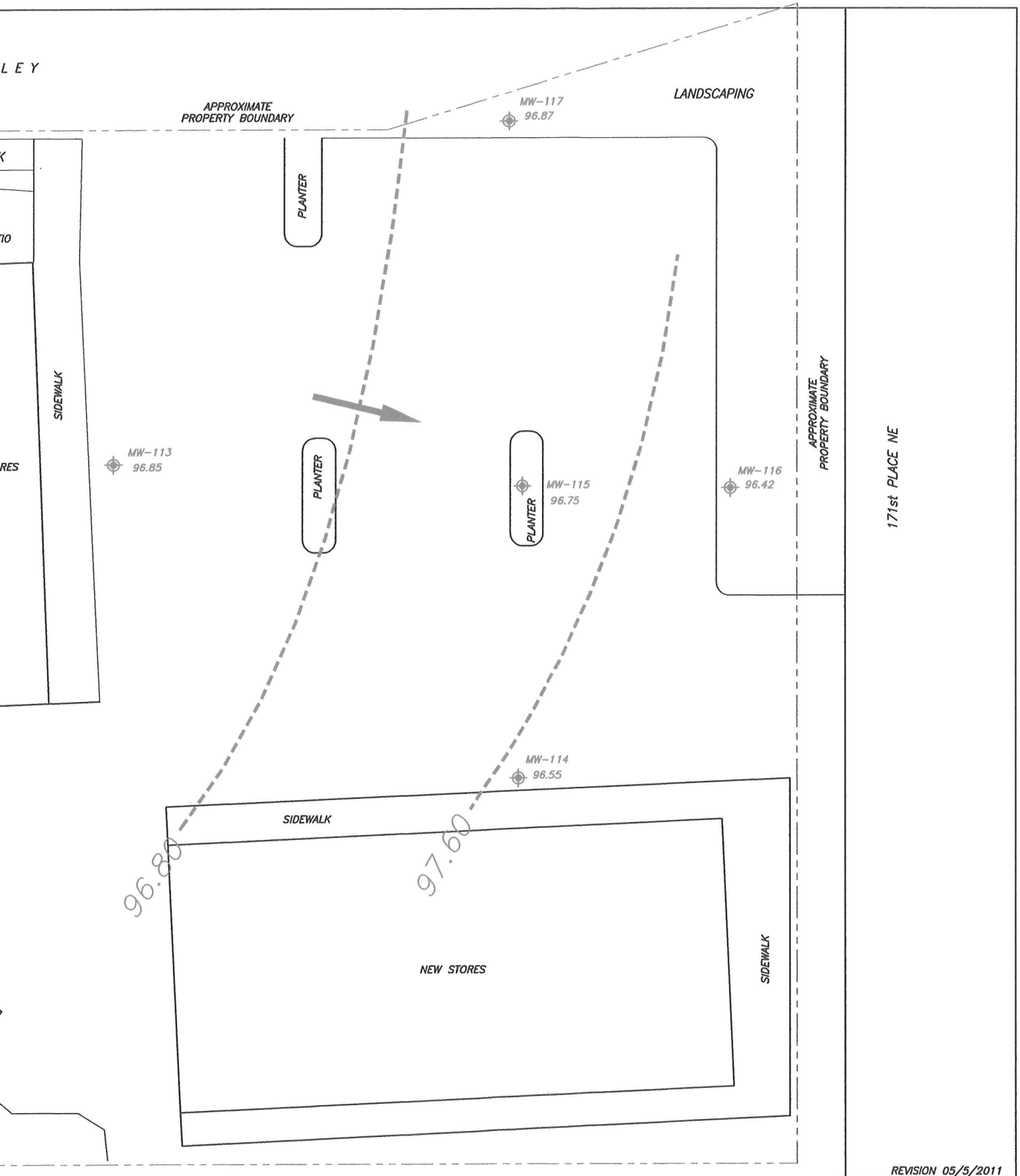
SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:
EMAIL RESULTS TO
hwsmall@gsmenviro.com

Turn Around Time: 24 HR 48 HR (5 DAY)



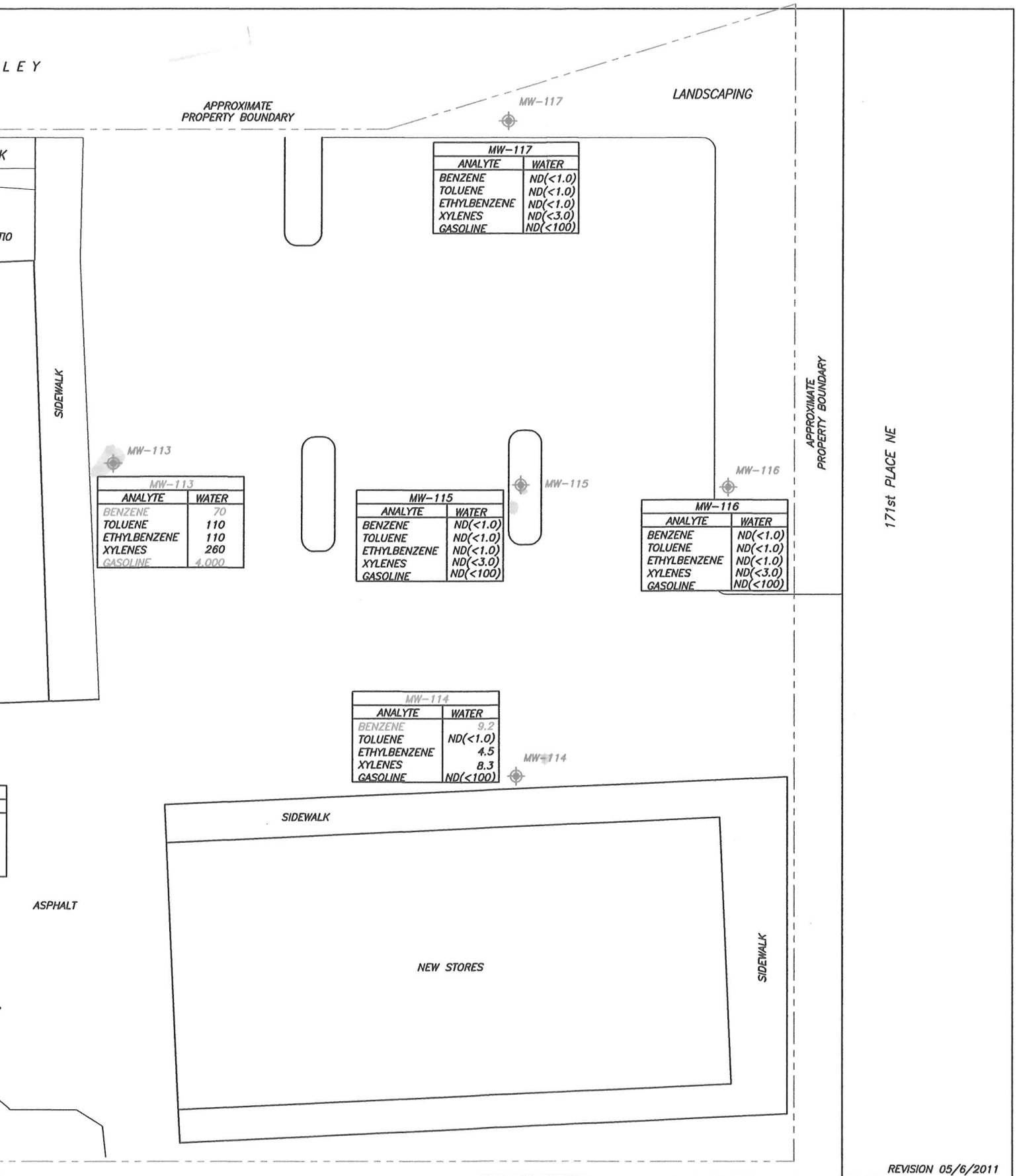
REVISION 05/5/2011

DESIGN HWS
DRAWN HWS
DATE MAY 2011
JOB No. SMOKEY POINT CHEVRON

RELATIVE GROUNDWATER ELEVATIONS, INFERRED ELEVATION CONTOURS, AND DIRECTION OF FLOW ON APRIL 11, 2011

FORMER SMOKEY POINT CHEVRON PROPERTY
2804 172ND STREET NE, MARYSVILLE, WA

FIGURE 2



REVISION 05/6/2011

DESIGN HWS
DRAWN HWS
DATE MAY 2011
JOB No. SMOKEY POINT CHEVRON

SITE PLAN WITH LABORATORY RESULTS
GROUNDWATER MONITORING, APRIL 11, 2011

FORMER SMOKEY POINT CHEVRON PROPERTY
2804-172ND STREET NE, MARYSVILLE, WA

FIGURE
3