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APRIL 2014 GROUNDWATER MONITORING REPORT

CHS AUBURN SITE
AUBURN, WASHINGTON

Submitted by:
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For:
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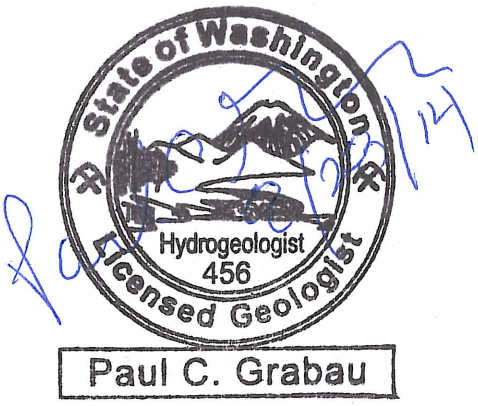
August 28, 2014

Prepared by:



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1.0 INTRODUCTION

Farallon Consulting, L.L.C. (Farallon) has prepared this report on behalf of CHS Inc. (CHS) to document the groundwater monitoring activities conducted on April 23 and 24, 2014 at the CHS Auburn site in Auburn, Washington (herein referred to as the Site). The report also presents the results of ongoing air sparging and groundwater treatment system operation and maintenance activities at the Site. The Site location is provided on Figure 1 and a Site Plan is provided on Figure 2.

Periodic groundwater monitoring is being conducted during completion of a Remedial Investigation/Feasibility Study (RI/FS) for the Site. The RI/FS is being conducted in accordance with the Washington State Model Toxics Control Act Cleanup Regulation (MTCA), as established in Chapter 173-340 of the Washington Administrative Code and pursuant to the requirements of Agreed Order No. 4033 entered into between CHS and the Washington State Department of Ecology (Ecology). The Remedial Investigation Report was submitted to Ecology on July 20, 2011 (Farallon 2011). A draft Feasibility Study for the Site was submitted to Ecology on April 5, 2013 (Farallon 2013). A final Feasibility Study is under preparation that incorporate comments received from Ecology on the draft document. The Site name is listed on the Ecology Confirmed and Suspected Contaminated Sites List database as *Cenex Valley Supply Coop*, and the Site has been assigned Site Identification No. 2487.

The scope of work for the April 2014 groundwater monitoring event was conducted in accordance with the technical memorandum regarding Groundwater Monitoring Program Modification, CHS Auburn Site dated March 2, 2012, prepared by Farallon (2012) (March 2012 Technical Memorandum), which was approved by Ecology. In addition to the monitoring program requirements outlined in the March 2012 Technical Memorandum, monitoring well CMW-7 has been included in the semiannual groundwater monitoring program for sampling and analysis for at least 1 year based on discussions with Ecology regarding the scope of the monitoring program.

This report is organized as follows:

- Section 2 describes the field methods and sampling protocols used for the April 2014 groundwater monitoring event.
- Section 3 presents the results of the groundwater monitoring activities, including sampling analytical results.
- Section 4 provides a summary of Central/Perimeter air sparging (AS) system operation and maintenance activities conducted at the Site since October 2013.
- Section 5 presents a discussion of contaminant and dissolved oxygen distribution in groundwater.
- Section 6 provides a list of the documents cited in this report.

1.0 INTRODUCTION

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2.0 FIELD METHODS

This section summarizes the field measurement and sampling methods used during the October 2013 monitoring and sampling event at the Site.

2.1 SAMPLING PROTOCOLS

Groundwater samples were collected at the Site on April 23 and 24, 2014 using low-flow sampling methods as described in the March 2012 Technical Memorandum. Groundwater elevations and dissolved-oxygen content in groundwater were measured at select well locations on April 23, 2014 prior to initiation of sampling. Groundwater elevations were measured also during sampling at each monitoring well. The depth to groundwater in each monitoring well was measured to the nearest 0.01 foot using an electronic water-level measuring device from the surveyed location on the top of the well casing. Measurements of dissolved-oxygen levels in groundwater were obtained using an InsiteIG Model 3100 dissolved-oxygen analyzer and optical fluorescence down-hole probe. The depth to groundwater measurements and water-level elevations determined prior to sampling for the groundwater monitoring events conducted from June 2008 through April 2014 are presented in Table 1. The dissolved-oxygen measurements obtained concurrently with the initial water-level measurements are presented in Table 2.

Before the monitoring wells were purged, the intake of the dedicated polyethylene tubing was placed in the approximate middle of the saturated portion of the well screen. Groundwater was purged from each well at a flow rate of approximately 100 to 200 milliliters per minute. Field measurements for pH, temperature, specific conductivity, dissolved oxygen, and oxidation-reduction potential (ORP) were recorded during purging of groundwater prior to sampling at each monitoring well using Horiba Model U5000 water quality analyzers equipped with flow-through cells. The results of the water-quality parameter geochemical measurements are presented in Table 2. Groundwater samples were collected after the pH, temperature, and conductivity, parameters stabilized. Stabilization for pH was determined as a change of +/-0.1 pH units between readings for three consecutive measurements, and for temperature and conductivity as a relative percent difference of less than 3 percent between readings for three consecutive measurements.

Following stabilization, the samples were collected by pumping groundwater directly from each monitoring well through dedicated polyethylene tubing into laboratory-prepared containers, taking care to minimize turbulence. Care was taken not to handle the seal or lid of the container when placing samples into the containers. The containers were filled to eliminate headspace, and the seal/lid secured. The samples were placed on ice in a cooler under standard chain-of-custody protocols and delivered to OnSite Environmental Inc. of Redmond, Washington (OnSite) for laboratory analysis.

2.2 SELECTED MONITORING WELLS AND ANALYSIS

During the April 2014 monitoring and sampling event, groundwater samples were collected from monitoring wells CMW-2, CMW-7, CMW-8, CMW-10, CMW-12, CMW-13, CMW-25 through CMW-29, CMW-31, HMW-9 through HMW-11, and HMW-13 and analyzed for the following:

- Total petroleum hydrocarbons as diesel-range organics (DRO) and as oil-range organics (ORO) by Northwest Method NWTPH-Dx;
- Total petroleum hydrocarbons as gasoline-range organics (GRO) by Northwest Method NWTPH-Gx; and
- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by U.S. Environmental Protection Agency (EPA) Method 8021B.

The sample extracts for the DRO analyses were treated with a sulfuric acid/silica gel cleanup procedure consistent with the previous groundwater analyses conducted since 2008. Duplicate groundwater samples were collected from monitoring wells CMW-12 and CMW-27 for quality assurance/quality control (QA/QC) purposes. Monitoring wells CMW-4, CMW-6, CMW-15, and CMW-30 were monitored for water-level elevations and dissolved-oxygen content only. Monitoring well HMW-12 was intended to be monitored for water-level elevation and dissolved-oxygen content, but could not be located visually or using a magnetometer during any of the past four monitoring events. It appears that the well was inadvertently destroyed during landscaping activities in the planting area at the intersection of 6th Street Southeast and Auburn Way South. Wastewater generated during development and purging of the monitoring wells is temporarily stored in labeled 55-gallon drums at the Site.

3.0 GROUNDWATER MONITORING RESULTS

The following sections present the results of the April 2014 groundwater monitoring event conducted at the Site.

3.1 GROUNDWATER ELEVATIONS

The groundwater elevations measured in the Site monitoring wells during the April 2014 monitoring event ranged from 72.36 feet above mean sea level in monitoring well CMW-30 to 70.97 feet above mean sea level in monitoring well CMW-8 (Table 1). Groundwater elevation contours based on the measured elevations on April 23, 2014 are shown on Figure 3. Groundwater flow direction was northeast, with an average gradient of 0.0015 foot per foot. The groundwater elevations measured in April 2014 were approximately 5 feet higher on average than those measured during the previous monitoring event in October 2013 (Farallon 2014).

3.2 SITE-WIDE MONITORING ANALYTICAL RESULTS

The analytical results for the April 2014 groundwater monitoring event at the Site are discussed in the following sections. For screening purposes, the analytical results for DRO, ORO, GRO, and BTEX constituents are compared in Table 3 to MTCA Method A groundwater cleanup levels. Final cleanup levels for the Site will be defined in the Cleanup Action Plan to be prepared following completion of the Feasibility Study for the Site. The laboratory analytical reports for the April 2014 monitoring event are included in Appendix A.

3.2.1 Total Petroleum Hydrocarbons as Gasoline-Range Organics

GRO was detected at concentrations exceeding the MTCA Method A screening level of 800 micrograms per liter (µg/l) in the groundwater samples collected from 1 of the 16 monitoring wells sampled during the April 2014 monitoring event (Table 3). GRO was detected at a concentration of 1,600 µg/l in the sample collected from monitoring well CMW-12 and at a concentration of 1,500 µg/l in the QA/QC duplicate sample collected from monitoring well CMW-12. The analytical results for GRO for the April 2014 groundwater monitoring event are presented on Figure 4.

3.2.2 BTEX

No BTEX constituents were detected at concentrations exceeding MTCA Method A screening levels during the April 2014 monitoring event (Table 3).

3.2.3 Total Petroleum Hydrocarbons as Diesel-Range Organics

DRO was detected at a concentration exceeding the MTCA Method A screening level of 0.5 milligrams per liter (mg/l) in the groundwater sample collected from 1 of the 16 monitoring wells sampled during the April 2014 monitoring event (Table 3). DRO was detected at a concentration of 0.55 mg/l in the duplicate sample collected for QA/QC purposes from monitoring well CMW-27. The laboratory reporting limit for the DRO analyses exceeded the MTCA Method A screening level in the groundwater water sample and the duplicate sample

collected for QA/QC purposes from monitoring well CMW-12 due to interferences in the samples. The analytical results for DRO for the April 2014 groundwater monitoring event are presented on Figure 5.

3.2.4 Total Petroleum Hydrocarbons as Oil-Range Organics

ORO was not detected at concentrations exceeding the MTCA Method A screening level of 0.5 mg/l in the samples collected and analyzed during the April 2014 monitoring event (Table 3).

3.2.5 Groundwater Geochemical Parameters

The groundwater geochemical parameters measured in the field during the April 2014 monitoring event included pH, ORP, and dissolved-oxygen content. The results for these geochemical parameters for the April 2014 monitoring event are presented in Table 2 and are summarized in the following sections. The dissolved-oxygen findings are discussed further in Section 5.2, Dissolved-Oxygen Distribution in Groundwater.

3.2.5.1 Oxidation-Reduction Potential

ORP readings in groundwater measured during the April 2014 groundwater sampling event ranged from -169 millivolts at monitoring well CMW-12 to 186 millivolts at monitoring well CMW-13.

3.2.5.2 pH

The pH measurements for groundwater samples collected during the April 2014 monitoring event ranged from 5.84 pH units at monitoring well CMW-28 to 6.68 pH units at monitoring well CMW-8.

3.2.5.3 Dissolved Oxygen

The dissolved-oxygen readings measured at the Site on April 23, 2014 ranged from 0.05 mg/l in monitoring wells CMW-12 to 5.55 mg/l in monitoring well CMW-2.

3.3 DATA VALIDATION

Farallon reviewed the analytical data package provided by OnSite for sample delivery group 1404-219. The laboratory analytical reports for the samples analyzed by OnSite are provided in Appendix A. The groundwater samples from sample delivery group 1404-219 were analyzed for GRO, DRO, ORO, and BTEX constituents by the methods cited above. The samples were analyzed within the prescribed method holding times for each of the analyses. The QA/QC testing performed by OnSite included evaluation of surrogate recoveries and matrix spike/matrix spike duplicates. Results of the QA/QC testing were within established laboratory control limits. Based on Farallon's review of the QA/QC data generated during the April 2014 monitoring event, the groundwater analytical results are acceptable for use in characterizing groundwater quality at the Site relative to the groundwater quality screening levels used for comparative purposes in this report.

4.0 TREATMENT SYSTEM OPERATION AND MAINTENANCE

This section provides a summary of the operation and maintenance activities conducted on the Central/Perimeter AS system at the Site since November 2013. Farallon has been conducting regular operation and maintenance inspections of the combined Central/Perimeter AS system at the Site since the previous groundwater monitoring event was conducted in October 2013. No significant irregularities were noted during the operation and maintenance inspections conducted from November 2013 through April 2014 with the exception of a faulty air flow rotometer for AS well CAS-13. Air flows to the individual AS wells were rebalanced during each system inspection.

AS wells CAS-1 through CAS-4, and CAS-12are currently being used for sparging at the Site. AS well CAS-13 is currently not used pending replacement of the rotometer. AS wells CAS-1 through CAS-4 are located on the down-gradient perimeter of the restaurant property north of the CHS Auburn facility, and AS wells CAS-12 and CAS-13 are located up-gradient of monitoring well CMW-10 (Figure 2). Air flows of approximately 2 standard cubic feet per minute (scfm) were maintained in the AS wells at pressures ranging from approximately 12 to 15 pounds per square foot. A lower air flow of approximately 0.5 scfm was maintained in AS well CAS-1. Lower air flows typically are observed in AS well CAS-1.

5.0 DISCUSSION

The following sections provide an overview of the distribution of DRO, GRO, BTEX constituents, and dissolved oxygen in groundwater at the Site, and planned actions with respect to the RI/FS and groundwater monitoring activities.

5.1 CONTAMINANT DISTRIBUTION IN GROUNDWATER

The concentrations of constituents of concern detected in groundwater samples collected from Site monitoring wells during the April 2014 monitoring event varied relative to the October 2013 monitoring event (Farallon 2014) as follows:

- DRO, GRO, and xylenes concentrations decreased in the groundwater samples collected from monitoring well CMW-10 between the October 2013 and April 2014 monitoring events. These constituents were not detected at concentrations exceeding MTCA Method A screening levels at this location during the April 2014 monitoring event.
- GRO, benzene, ethylbenzene, and xylenes concentrations increased in the groundwater sample collected from monitoring well CMW-12 between the October 2013 and April 2014 monitoring events. Of those constituents, only GRO was detected at a concentration exceeding MTCA Method A screening levels at this location during the April 2014 monitoring event.
- DRO, GRO, benzene, ethylbenzene, and xylenes concentrations decreased significantly in groundwater samples collected from monitoring well CMW-27 between the October 2013 and April 2014 monitoring events. Of these constituents, only DRO was detected at a concentration exceeding MTCA Method A screening levels at this location during the April 2014 monitoring event.
- GRO, benzene, and ethylbenzene concentrations decreased in the groundwater samples collected from monitoring well HMW-11 between the October 2013 and April 2014 monitoring events. These constituents were not detected at concentrations exceeding MTCA Method A screening levels at this location during the April 2014 monitoring event.

5.2 DISSOLVED-OXYGEN DISTRIBUTION IN GROUNDWATER

Since initiation of the second phase of dissolved-oxygen enhancement testing in June 2010, AS wells CAS-1 through CAS-4, CAS-12, and CAS-13 have been operating on or near the down-gradient perimeter of the restaurant property north of the CHS Auburn facility (Figure 2). Dissolved-oxygen levels in monitoring well CMW-2 have been significantly elevated as a result of focusing air flows into the down-gradient perimeter AS wells, most likely from AS well CAS-2 located approximately 25 feet in the cross-gradient direction of groundwater flow.

The distribution of dissolved oxygen measured in groundwater in April 2014 was generally consistent with previous monitoring events, with elevated levels of dissolved oxygen in monitoring well CMW-2, depleted levels in monitoring wells on the CHS Auburn property, and

depleted levels in monitoring wells northeast of Auburn Way South. In general, dissolved-oxygen levels measured on the Thai Restaurant property and in the down-gradient area of the Site were higher than those typically measured at the Site.

Background dissolved-oxygen concentrations of 3.32 to 2.70 mg/l were measured in monitoring wells CMW-4 and CMW-7 during the April 2014 monitoring event. Dissolved-oxygen levels of less than 1 mg/l were observed immediately down-gradient of the area of the GRO and DRO plumes depicted on Figures 4 and 5, respectively, northeast of Auburn Way South, consistent with previous monitoring events. Farther down-gradient, higher concentrations of dissolved-oxygen were measured in monitoring wells CMW-8 and CMW-31 at 2.63 and 1.13 mg/l , respectively. The dissolved-oxygen concentration measure in monitoring well CMW-15 was relatively low at 0.07 mg/l.

6.0 REFERENCES

Farallon Consulting, L.L.C. (Farallon). 2011. *Remedial Investigation Report, CHS Auburn Site, Auburn, Washington*. Prepared for CHS Inc., Stevensville, Montana. July 20.

———. 2012. Technical Memorandum Regarding Groundwater Monitoring Program Modification, CHS Auburn Site. From Paul C. Grabau. To Jerome Cruz, Washington State Department of Ecology. March 2.

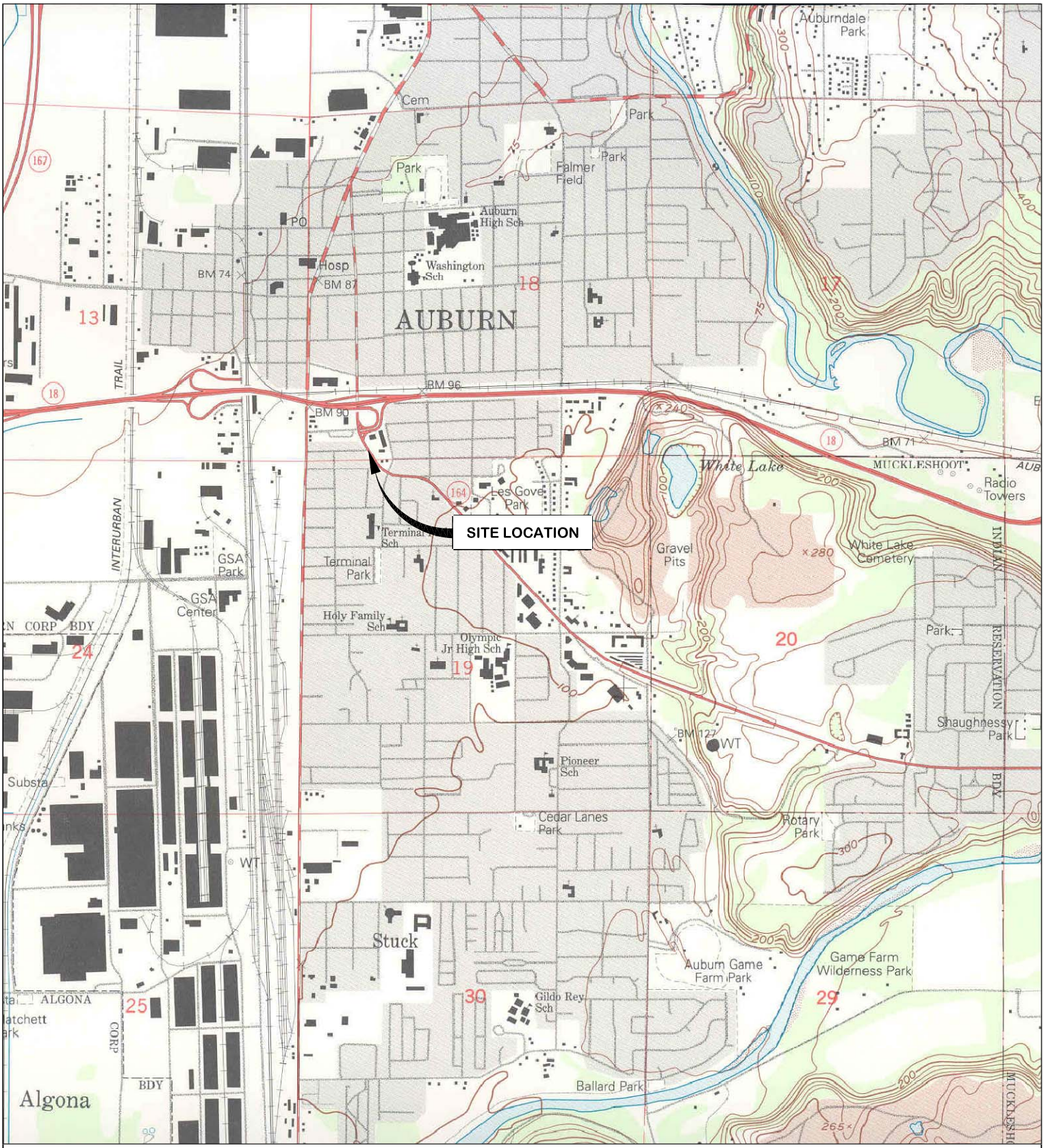
———. 2013. Draft *Feasibility Study CHS Auburn Site, Auburn, Washington*. Prepared for CHS Inc., Stevensville, Montana. April 5.

———. 2014. *October 2013 Groundwater Monitoring Report, CHS Auburn Site, Auburn Washington.* Prepared for CHS Inc., Stevensville, Montana. May 27.

FIGURES

APRIL 2014 GROUNDWATER MONITORING REPORT
CHS Auburn Site
Auburn, Washington

Farallon PN: 301-004



REFERENCE: 7.5 MINUTE USGS QUADRANGLE AUBURN, WASHINGTON. DATED 1949 AND PHOTOREVISED 1994

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975 5th Avenue Northwest
Issaquah, WA 98027

FIGURE 1

SITE VICINITY MAP
CHS AUBURN SITE
AUBURN, WASHINGTON

FARALLON PN: 301-004

Drawn By: DEW	Checked By: PG	Date: 7/18/08	Disk Reference: 301004b

STATE ROUTE - 18

AUBURN WAY SOUTH

6TH STREET SE

7th STREET SE

8th STREET SE

7TH STREET SE

8TH STREET SE

D STREET SE

C STREET SE

SCHUCKS

FIRE HOUSE SQUARE

MCDONALD'S

WSIADA

THAI RESTAURANT

BIG-O TIRES

CHS AUBURN FACILITY

CHS MAIN BUILDING

CMW-20 CMW-23 CMW-22 CMW-32 CMW-14 CMW-17 CMW-21 CMW-19 DAS-13 DAS-14 DSVE-15 DSVE-16 CMW-15 CMW-9 CMW-8 CMW-31 CMW-5 HMW-12 HMW-9 HMW-5 HMW-6 HMW-10 HMW-8 CMW-18 CMW-12 CRW-2 HMW-11 CMW-6 CMW-7 CMW-27 CMW-13 CSVE-1 CMW-2 CAS-3 CAS-1 CAS-2 CMW-10 CRW-1 CMW-11 CAS-12 CSVE-7 CAS-10 CSVE-8 CAS-11 CSVE-4 CAS-4 CAS-5 CMW-25 CAS-8 CAS-13 CMW-28 CAS-7 CSVE-5 CSVE-6 CAS-9 HMW-13 AS-1 AS-14 SV-2 SV-14 SV-1 SV-15 SV-16 AS-15 SV-3 AS-13 AS-16 SV-13 CMW-26 CMW-29 AS-12 SV-12 AS-11 SV-11 SV-10 CMW-4 CMW-3 CMW-1 CMW-30 CMW-24 HMW-14

0 100

APPROXIMATE SCALE IN FEET

LEGEND

CMW-25	CHS MONITORING WELL
CRW-2	CHS RECOVERY WELL
HMW-13	HILLMAN MONITORING WELL
AS-2	AIR SPARGE (AS) WELL AS/ SOIL VAPOR EXTRACTION (SVE) PERIMETER SYSTEM
CAS-13	AS WELL AS/SVE CENTRAL SYSTEM
DAS-13	AS WELL AS/SVE DOWN GRADIENT SYSTEM (LOST)
SV-3	SVE WELL AS/SVE PERIMETER SYSTEM
CSVE-3	SVE WELL AS/SVE CENTRAL SYSTEM
DSVE-16	SVE WELL AS/SVE DOWN GRADIENT SYSTEM (LOST)
CAS-12 CSVE-7	DUAL COMPLETION SVE AND AS SYSTEM WELL
CMW-9	LOST OR ABANDONED MONITORING WELL

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Issaquah, WA 98027

FIGURE 2

SITE PLAN
CHS AUBURN SITE
AUBURN, WASHINGTON

FARALLON PN: 301-004

Drawn By: DEW	Checked By: PG	Date: 8/16/10	Disk Reference: 301004f

STATE ROUTE - 18

AUBURN WAY SOUTH

6TH STREET SE

7TH STREET SE

8TH STREET SE

7th STREET SE

8th STREET SE

D STREET SE

C STREET SE

FIRE HOUSE SQUARE

SCHUCKS

MCDONALD'S

WSIADA

THAI RESTAURANT

BIG-O TIRES

CHS AUBURN FACILITY

CHS MAIN BUILDING

CMW-19

CMW-32

CMW-17

CMW-21

CMW-15 (71.06)

CMW-8 (70.97)

CMW-31 (71.12)

CMW-5

CMW-18

HMW-12

HMW-9 (71.22)

HMW-10 (71.46)

CMW-12 (71.59)

CRW-2

HMW-11

CMW-7 (71.77)

CMW-27 (71.89)

CMW-6 (71.34)

CMW-13 (71.69)

CMW-2 (72.12)

CRW-1

CMW-10

CMW-11

CMW-25

CMW-28 (71.99)

HMW-13 (72.14)

CMW-4 (72.20)

CMW-26

CMW-29 (72.18)

CMW-3

CMW-30 (72.36)

CMW-24

HMW-14

71.00

71.20

71.40

71.60

71.80

72.00

72.20

0 100

APPROXIMATE SCALE IN FEET

LEGEND

CMW-25	CHS MONITORING WELL
HMW-13	HILLMAN MONITORING WELL
(66.07)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
66.25	GROUNDWATER ELEVATION CONTOUR DASHED WHERE INFERRED
	APPROXIMATE DIRECTION OF GROUNDWATER FLOW

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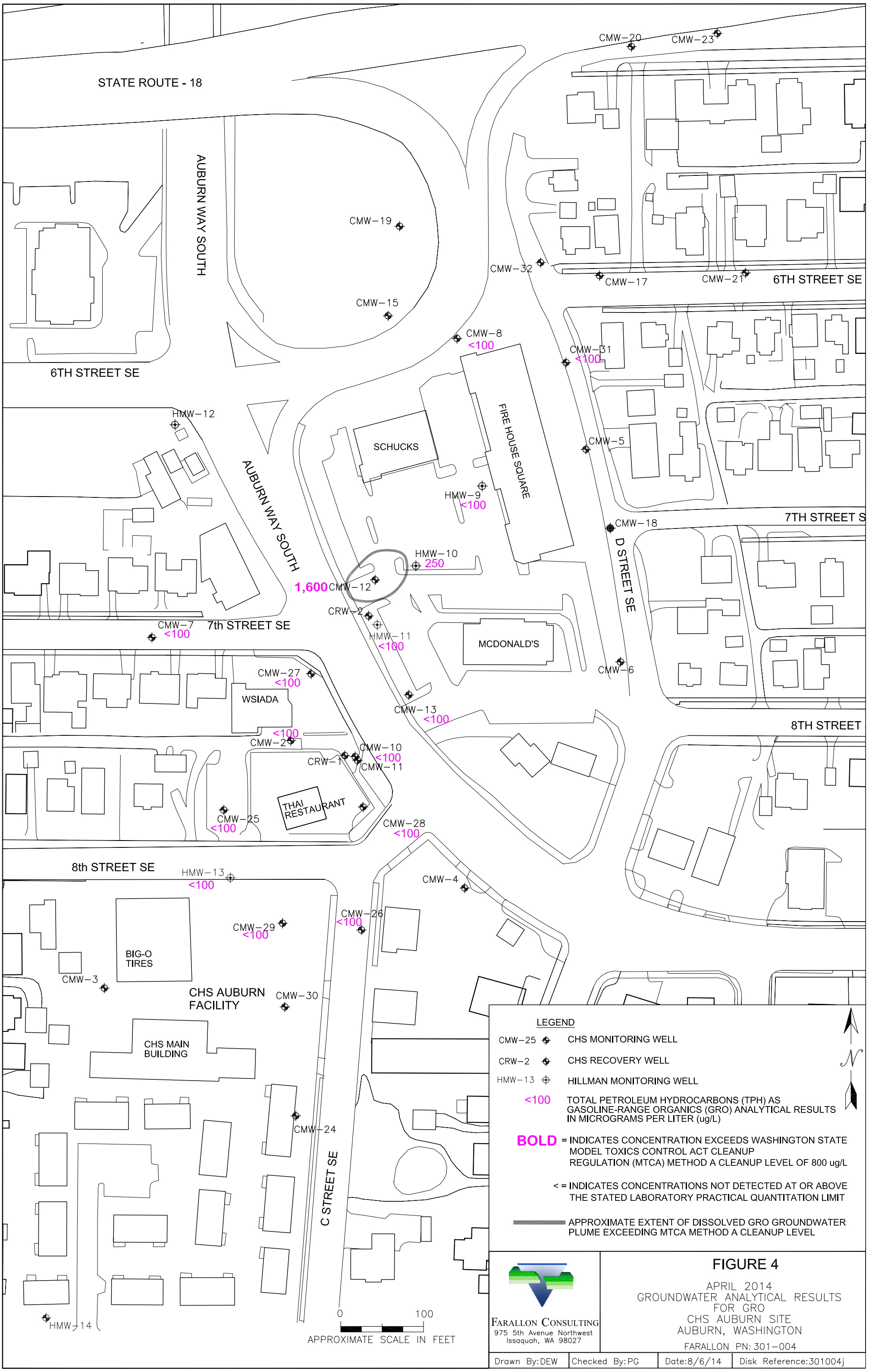
FIGURE 3

GROUNDWATER ELEVATION CONTOUR MAP
APRIL 23, 2014
CHS AUBURN SITE
AUBURN, WASHINGTON

FARALLON PN: 301-004

Drawn By: DEW	Checked By: PG	Date 8/6/14	Disk Reference: 301004k


STATE ROUTE - 18
AUBURN WAY SOUTH
6TH STREET SE
CMW-19
CMW-15
CMW-20
CMW-23
CMW-32
CMW-17
CMW-21
6TH STREET SE
CMW-8
<100
CMW-31
<100
HMW-12
SCHUCKS
FIRE HOUSE SQUARE
HMW-9
<100
CMW-5
7TH STREET S
CMW-18
D STREET SE
HMW-10
250
1,600
CMW-12
CRW-2
HMW-11
<100
MCDONALD'S
CMW-6
CMW-7
<100
7th STREET SE
CMW-27
<100
WSIADA
CMW-13
<100
8TH STREET
<100
CMW-2
CRW-1
CMW-10
<100
CMW-11
THAI RESTAURANT
CMW-25
<100
CMW-28
<100
8th STREET SE
HMW-13
<100
CMW-4
CMW-29
<100
CMW-26
<100
BIG-O TIRES
CMW-3
CHS AUBURN FACILITY
CMW-30
CHS MAIN BUILDING
CMW-24
C STREET SE
HMW-14
0
100
APPROXIMATE SCALE IN FEET
LEGEND
CMW-25 CHS MONITORING WELL
CRW-2 CHS RECOVERY WELL
HMW-13 HILLMAN MONITORING WELL
<100 TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE-RANGE ORGANICS (GRO) ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L)
BOLD = INDICATES CONCENTRATION EXCEEDS WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVEL OF 800 ug/L
< = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
APPROXIMATE EXTENT OF DISSOLVED GRO GROUNDWATER PLUME EXCEEDING MTCA METHOD A CLEANUP LEVEL
FARALLON CONSULTING
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Issaquah, WA 98027
FIGURE 4
APRIL 2014
GROUNDWATER ANALYTICAL RESULTS
FOR GRO
CHS AUBURN SITE
AUBURN, WASHINGTON
FARALLON PN: 301-004
Drawn By:DEW
Checked By:PG
Date:8/6/14
Disk Reference:301004j

STATE ROUTE - 18

AUBURN WAY SOUTH

6TH STREET SE

7th STREET SE

8th STREET SE

6TH STREE

7TH STRE

8TH STR

D STREET SE

C STREET SE

FIRE HOUSE SQUARE

SCHUCKS

WSIADA

THAI RESTAURANT

MCDONALD'S

BIG-O TIRES

CHS AUBURN FACILITY

CHS MAIN BUILDING

CMW-20

CMW-23

CMW-19

CMW-15

CMW-32

CMW-17

CMW-21

CMW-8 <0.26

CMW-31 <0.26

CMW-5

HMW-12

HMW-9 <0.25

CMW-18

HMW-10 <0.26

CMW-12 <0.75

CRW-2

HMW-11 <0.26

CMW-7 <0.26

CMW-6

CMW-27 0.55

CMW-13 <0.25

<0.26

CMW-2

CMW-10 0.28

CRW-1

CMW-11

CMW-25 <0.26

CMW-28 <0.26

HMW-13 <0.25

CMW-4

CMW-26 <0.26

CMW-29 <0.26

CMW-3

CMW-30

CMW-24

HMW-14

0 100

APPROXIMATE SCALE IN FEET

LEGEND

CMW-25 CHS MONITORING WELL

CRW-2 CHS RECOVERY WELL

HMW-13 HILLMAN MONITORING WELL

0.353 = TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL-RANGE ORGANICS (DRO) ANALYTICAL RESULTS IN MILLIGRAMS PER LITER (mg/L)

BOLD = INDICATES CONCENTRATION OR LABORATORY PRACTICAL QUANTITATION LIMIT EXCEEDS WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVEL OF 0.5 mg/L

< = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT

APPROXIMATE EXTENT OF DISSOLVED DRO GROUNDWATER PLUME EXCEEDING MTCA METHOD A CLEANUP LEVEL

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

FIGURE 5

APRIL 2014
GROUNDWATER ANALYTICAL RESULTS
FOR DRO
CHS AUBURN SITE
AUBURN, WASHINGTON

FARALLON PN: 301-004

Drawn By: DEW	Checked By: PG	Date: 8/6/14	Disk Reference: 301004k

TABLES

APRIL 2014 GROUNDWATER MONITORING REPORT
CHS Auburn Site
Auburn, Washington

Farallon PN: 301-004

Table 1
Summary of Groundwater Elevation Data - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-2	88.9	6/16/2008	21.57	67.33
		9/30/2008	25.43	63.47
		12/29/2008	19.74	69.16
		3/18/2009	21.58	67.32
		10/27/2009	25.55	63.35
		1/28/2010	20.20	68.70
		4/19/2010	21.16	67.74
		7/19/2010	21.57	67.33
		10/20/2010	24.03	64.87
		1/24/2011	18.35	70.55
		4/25/2011	17.80	71.10
		7/18/2011	21.22	67.68
		10/20/2011	24.05	64.85
		4/26/2012	18.67	70.23
		10/31/2012	23.57	65.33
		4/22/2013	18.82	70.08
		10/22/2013	21.96	66.94
		4/23/2014	16.78	72.12
CMW-4	90.68	6/16/2008	23.17	67.51
		9/30/2008	27.19	63.49
		12/29/2008	24.36	66.32
		3/18/2009	23.23	67.45
		10/27/2009	27.25	63.43
		1/28/2010	21.81	68.87
		4/19/2010	22.78	67.90
		7/19/2010	23.21	67.47
		10/20/2010	25.67	65.01
		1/24/2011	20.00	70.68
		4/25/2011	19.45	71.23
		7/18/2011	22.94	67.74
		10/20/2011	25.70	64.98
		4/26/2012	20.35	70.33
		10/31/2012	25.21	65.47
		4/22/2013	20.61	70.07
		10/22/2013	23.60	67.08
		4/23/2014	18.48	72.20
CMW-5	89.44	6/16/2008	23.03	66.41
		9/30/2008	26.88	62.56
		12/29/2008	24.17	65.27
		3/18/2009	23.09	66.35
		10/27/2009	26.93	62.51
		1/28/2010	21.70	67.74
		4/19/2010	22.64	66.8
		7/19/2010	23.17	66.27

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-6	90.66	6/16/2008	dry	dry
		9/30/2008	dry	dry
		12/29/2008	dry	dry
		7/18/2011	23.78	66.88
		10/20/2011	dry	dry
		4/26/2012	21.20	69.46
		10/31/2012	dry	dry
		4/22/2013	21.44	69.22
		10/22/2013	24.43	66.23
		4/23/2014	19.32	71.34
CMW-7	87.73	6/16/2008	20.54	67.19
		9/30/2008	24.41	63.32
		12/29/2008	21.75	65.98
		3/18/2009	20.61	67.12
		4/19/2010	20.20	67.53
		1/24/2011	17.50	70.23
		4/25/2011	16.92	70.81
		7/18/2011	20.30	67.43
		10/20/2011	23.07	64.66
		4/26/2012	17.80	69.93
		10/31/2012	22.59	65.14
		4/22/2013	18.10	69.63
		10/22/2013	21.08	66.65
		4/23/2014	15.96	71.77
CMW-8	89.94	6/16/2008	23.58	66.36
		9/30/2008	27.40	62.54
		12/29/2008	24.70	65.24
		3/18/2009	23.61	66.33
		10/27/2009	27.50	62.44
		1/28/2010	22.25	67.69
		4/19/2010	23.23	66.71
		7/19/2010	23.69	66.25
		10/20/2010	26.00	63.94
		1/24/2011	20.32	69.62
		4/25/2011	19.91	70.03
		7/18/2011	23.35	66.59
		10/20/2011	26.04	63.90
		4/26/2012	20.79	69.15
		10/31/2012	25.58	64.36
		4/22/2013	21.05	68.89
		10/22/2013	23.97	65.97
		4/23/2014	18.97	70.97

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-10	NS	6/16/2008	22.42	NS
		9/30/2008	25.91	NS
		12/29/2008	23.20	NS
		3/18/2009	22.06	NS
		10/27/2009	26.05	NS
		1/28/2010	20.69	NS
		4/19/2010	21.64	NS
		7/19/2010	22.06	NS
		10/20/2010	24.50	NS
		1/24/2011	18.75	NS
		4/25/2011	18.25	NS
		7/18/2011	21.72	NS
		10/20/2011	24.51	NS
		4/26/2012	19.12	NS
		10/31/2012	24.02	NS
		4/22/2013	19.37	NS
		10/22/2013	22.43	NS
		4/23/2014	17.22	NS
CMW-11	NS	6/16/2008	22.36	NS
		9/30/2008	26.24	NS
		12/29/2008	23.54	NS
		3/18/2009	22.41	NS
		10/27/2009	26.42	NS
		1/28/2010	21.02	NS
		4/19/2010	22.00	NS
		7/19/2010	22.43	NS
		10/20/2010	24.88	NS
		1/24/2011	19.20	NS
		4/25/2011	18.66	NS
		7/18/2011	22.11	NS
		10/20/2011	24.87	NS

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-12	90.02	6/16/2008	23.11	66.91
		9/30/2008	26.98	63.04
		12/29/2008	24.28	65.74
		3/18/2009	23.16	66.86
		10/27/2009	27.13	62.89
		1/28/2010	21.79	68.23
		4/19/2010	22.75	67.27
		7/19/2010	23.21	66.81
		10/20/2010	25.57	64.45
		1/24/2011	19.94	70.08
		4/25/2011	19.43	70.59
		7/18/2011	22.87	67.15
		10/20/2011	25.62	64.40
		4/26/2012	20.29	69.73
		10/31/2012	25.09	64.93
		4/22/2013	20.58	69.44
		10/22/2013	23.54	66.48
		4/23/2014	18.43	71.59
CMW-13	89.67	6/16/2008	22.69	66.98
		9/30/2008	26.57	63.10
		12/29/2008	23.85	65.82
		3/18/2009	22.74	66.93
		10/27/2009	26.71	62.96
		1/28/2010	21.35	68.32
		4/19/2010	22.27	67.40
		7/19/2010	22.75	66.92
		10/20/2010	25.16	64.51
		1/24/2011	19.50	70.17
		4/25/2011	18.97	70.70
		7/18/2011	22.45	67.22
		10/20/2011	25.20	64.47
		4/26/2012	19.85	69.82
		10/31/2012	24.69	64.98
		4/22/2013	20.13	69.54
		10/22/2013	23.10	66.57
		4/23/2014	17.98	71.69

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-15	87.22	6/16/2008	20.76	66.46
		9/30/2008	24.58	62.64
		12/29/2008	21.89	65.33
		3/18/2009	20.79	66.43
		10/27/2009	24.69	62.53
		1/28/2010	19.45	67.77
		4/19/2010	20.36	66.86
		7/19/2010	20.86	66.36
		10/20/2010	23.17	64.05
		1/24/2011	17.58	69.64
		4/25/2011	17.12	70.10
		7/18/2011	20.46	66.76
		10/20/2011	23.25	63.97
		4/26/2012	17.96	69.26
		10/31/2012	22.75	64.47
		4/22/2013	18.24	68.98
		10/22/2013	21.23	65.99
		4/23/2014	16.16	71.06
CMW-17	88.16	6/16/2008	21.94	66.22
		9/30/2008	25.79	62.37
		12/29/2008	23.08	65.08
		3/18/2009	22.01	66.15
		1/28/2010	20.60	67.56
		4/19/2010	21.58	66.58
	NS	7/19/2010	22.07	NS
		4/25/2011	18.00	NS
		7/18/2011	21.42	NS
		10/20/2011	24.13	NS
CMW-19	88.26	9/30/2008	25.73	62.53
CMW-20	85.90	6/16/2008	21.11	64.79
		9/30/2008	23.91	61.99
		12/29/2008	21.23	64.67
		3/18/2009	20.17	65.73
CMW-21	87.48	9/30/2008	25.33	62.15

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-24	88.39	6/16/2008	20.60	67.79
		9/30/2008	24.52	63.87
		12/29/2008	21.81	66.58
		3/18/2009	20.65	67.74
		6/16/2008	22.02	66.37
		1/24/2011	17.42	70.97
		4/25/2011	16.89	71.50
		7/18/2011	20.31	68.08
		10/20/2011	23.09	65.30
CMW-25	NS	9/30/2008	25.86	NS
		12/29/2008	23.18	NS
		3/18/2009	22.03	NS
		10/27/2009	26.03	NS
		1/28/2010	20.64	NS
		4/19/2010	21.59	NS
		7/19/2010	22.00	NS
		10/20/2010	24.45	NS
		1/24/2011	18.85	NS
		4/25/2011	18.28	NS
		7/18/2011	21.71	NS
		10/20/2011	24.49	NS
		4/26/2012	19.13	NS
		10/31/2012	24.00	NS
		4/22/2013	19.42	NS
		10/22/2013	22.42	NS
		4/23/2014	17.27	NS

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-26	87.80	6/16/2008	20.32	67.48
		9/30/2008	24.22	63.58
		12/29/2008	21.48	66.32
		3/18/2009	20.34	67.46
		10/27/2009	24.35	63.45
		1/28/2010	18.95	68.85
		4/19/2010	19.88	67.92
		7/19/2010	20.35	67.45
		10/20/2010	22.80	65.00
		1/24/2011	17.15	70.65
		4/25/2011	16.59	71.21
		7/18/2011	20.03	67.77
		10/20/2011	22.80	65.00
		4/26/2012	17.45	70.35
		10/31/2012	22.32	65.48
		4/22/2013	17.72	70.08
		10/22/2013	20.73	67.07
		4/23/2014	15.62	72.18
CMW-27	89.10	6/16/2008	21.02	68.08
		9/30/2008	25.89	63.21
		12/29/2008	23.18	65.92
		3/18/2009	22.22	66.88
		10/27/2009	26.09	63.01
		1/28/2010	20.69	68.41
		4/19/2010	21.61	67.49
		7/19/2010	22.06	67.04
		10/20/2010	24.45	64.65
		1/24/2011	18.80	70.30
		4/25/2011	18.30	70.80
		7/18/2011	21.97	67.13
		10/20/2011	24.50	64.60
		4/26/2012	19.70	69.40
		10/31/2012	24.05	65.05
		4/22/2013	19.28	69.82
		10/22/2013	22.44	66.66
		4/23/2014	17.21	71.89

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-28	89.48	6/16/2008	22.22	67.26
		9/30/2008	26.15	63.33
		12/29/2008	23.19	66.29
		3/18/2009	22.14	67.34
		10/27/2009	26.19	63.29
		1/28/2010	20.86	68.62
		4/19/2010	21.84	67.64
		7/19/2010	22.26	67.22
		10/20/2010	24.68	64.80
		1/24/2011	19.00	70.48
		4/25/2011	18.40	71.08
		7/18/2011	21.90	67.58
		10/20/2011	24.82	64.66
		4/26/2012	19.30	70.18
		10/31/2012	23.45	66.03
		4/22/2013	19.58	69.90
		10/22/2013	22.62	66.86
		4/23/2014	17.49	71.99
CMW-29	88.03	6/16/2008	20.51	67.52
		9/30/2008	24.44	63.59
		12/29/2008	21.71	66.32
		3/18/2009	20.56	67.47
		10/27/2009	24.56	63.47
		1/28/2010	19.15	68.88
		4/19/2010	20.12	67.91
		7/19/2010	20.55	67.48
		10/20/2010	23.02	65.01
		1/24/2011	17.35	70.68
		4/25/2011	16.81	71.22
		7/18/2011	20.20	67.83
		10/20/2011	23.02	65.01
		4/26/2012	17.67	70.36
		10/31/2012	22.54	65.49
		4/22/2013	17.94	70.09
		10/22/2013	20.93	67.10
		4/23/2014	15.85	72.18

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-30	87.58	6/16/2008	19.90	67.68
		9/30/2008	23.82	63.76
		12/29/2008	21.11	66.47
		3/18/2009	20.97	66.61
		10/27/2009	24.01	63.57
		1/28/2010	18.57	69.01
		4/19/2010	19.51	68.07
		7/19/2010	19.93	67.65
		10/20/2010	22.40	65.18
		1/24/2011	16.78	70.80
		4/25/2011	16.19	71.39
		7/18/2011	19.60	67.98
		10/20/2011	22.40	65.18
		4/26/2012	17.05	70.53
		10/31/2012	21.94	65.64
		4/22/2013	17.34	70.24
		10/22/2013	20.32	67.26
		4/23/2014	15.22	72.36
CMW-31	89.02	6/16/2008	22.59	66.43
		9/30/2008	26.45	62.57
		12/29/2008	23.73	65.29
		3/18/2009	22.65	66.37
		10/27/2009	26.56	62.46
		1/28/2010	21.24	67.78
		4/19/2010	22.26	66.76
		7/19/2010	22.67	66.35
		10/20/2010	24.97	64.05
		1/24/2011	19.27	69.75
		4/25/2011	18.86	70.16
		7/18/2011	22.31	66.71
		10/20/2011	25.04	63.98
		4/26/2012	19.73	69.29
		10/31/2012	24.56	64.46
		4/22/2013	19.99	69.03
		10/22/2013	22.96	66.06
		4/23/2014	17.90	71.12

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
CMW-32	88.12	6/16/2008	21.75	66.37
		9/30/2008	25.61	62.51
		12/29/2008	22.90	65.22
		3/18/2009	21.82	66.30
		10/27/2009	25.72	62.40
		1/28/2010	20.40	67.72
		4/19/2010	21.39	66.73
	NS	7/19/2010	21.88	NS
		1/24/2011	18.47	NS
		4/25/2011	18.04	NS
		7/18/2011	21.45	NS
		10/20/2011	24.22	NS
HMW-9	89.07	6/16/2008	22.49	66.58
		9/30/2008	26.34	62.73
		12/29/2008	23.64	65.43
		3/18/2009	22.53	66.54
		10/27/2009	26.42	62.65
		1/28/2010	21.15	67.92
		4/19/2010	22.13	66.94
		7/19/2010	22.59	66.48
		10/20/2010	24.91	64.16
		1/24/2011	19.30	69.77
		4/25/2011	18.43	70.64
		7/18/2011	22.25	66.82
		10/20/2011	24.96	64.11
		4/26/2012	19.70	69.37
		10/31/2012	24.48	64.59
		4/22/2013	19.93	69.14
		10/22/2013	22.85	66.22
		4/23/2014	17.85	71.22

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
HMW-10	89.18	6/16/2008	22.42	66.76
		9/30/2008	26.24	62.94
		12/29/2008	23.57	65.61
		3/18/2009	22.45	66.73
		10/27/2009	26.40	62.78
		1/28/2010	21.19	67.99
		4/19/2010	21.99	67.19
		7/19/2010	22.51	66.67
		10/20/2010	24.85	64.33
		1/24/2011	19.23	69.95
		4/25/2011	18.73	70.45
		7/18/2011	22.15	67.03
		10/20/2011	24.90	64.28
		4/26/2012	19.60	69.58
		10/31/2012	24.39	64.79
		4/22/2013	19.88	69.30
		10/22/2013	22.83	66.35
		4/23/2014	17.72	71.46
HMW-11	NS	10/27/2009	24.52	NS
		1/28/2010	19.20	NS
		4/19/2010	20.16	NS
		7/19/2010	20.64	NS
		10/20/2010	22.99	NS
		1/24/2011	17.33	NS
		4/25/2011	16.83	NS
		7/18/2011	20.30	NS
		10/20/2011	23.02	NS
		4/26/2012	17.70	NS
		10/31/2012	22.51	NS
		4/22/2013	17.99	NS
		10/22/2013	20.98	NS
		4/23/2014	15.83	NS
HMW-12	88.55	9/30/2008	25.53	63.02
		1/24/2011	18.55	70.00
		4/25/2011	18.00	70.55
		7/18/2011	21.40	67.15
		10/22/2013	NM	NM

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Well Identification	Elevation Top of Well Casing (feet)[1]	Measurement Date	Depth to Water (feet)[2]	Elevation (feet)[1]
HMW-13	88.32	6/16/2008	20.82	67.50
		9/30/2008	24.72	63.60
		12/29/2008	22.06	66.26
		3/18/2009	20.86	67.46
		10/27/2009	24.92	63.40
		1/28/2010	19.50	68.82
		4/19/2010	20.39	67.93
		7/19/2010	20.83	67.49
		10/20/2010	23.36	64.96
		1/24/2011	17.71	70.61
		4/25/2011	17.25	71.07
		7/18/2011	20.51	67.81
		10/20/2011	23.34	64.98
		4/26/2012	18.03	70.29
		10/31/2012	22.89	65.43
		4/22/2013	18.29	70.03
		10/22/2013	21.28	67.04
		4/23/2014	16.18	72.14

NOTES:

[1]Elevation in feet above mean sea level.
[2]In feet below top of well casing.

NS = well not surveyed, groundwater elevation could not be determined

Table 2
Summary of Groundwater Geochemical Data - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
CMW-2	6/16/2008	13.72	6.02	54.5	0.16
	10/1/2008	16.36	6.26	44.7	0.53
	12/30/2008	10.81	7.12	97.1	11.29
	3/19/2009	12.37	6.18	39	0.71
	10/28/2009	13.62	6.43	-28.6	1.49
	1/26/2010	14.29	6.68	124.6	9.33
	4/20/2010	14.23	6.79	64.9	8.9
	7/20/2010	15.32	—[3]	42.5	10.5
	10/21/2010	15.61	6.04	149.8	7.9
	1/25/2011	13.79	6.81	134.1	9.7
	4/27/2011	12.5	5.89	309.2	5.2
	7/18/2011	15.73	5.88	14.5	4.0
	10/21/2011	13.59	7.06	32.7	8.7
	4/27/2012	13.18	6.80	10.8	8.8
	10/31/2012	14.58	7.15	5.8	5.76
	4/22/2013	13.13	7.60	160.3	6.33
	10/23/2013	13.40	6.92	166.8	6.54
	4/24/2014	16.48	6.47	124	5.55
CMW-4	6/16/2008	15.34	6.08	138.3	4.43
	10/1/2008	17.96	6.04	209.6	3.13
	12/30/2008	11.47	6.35	124.9	4.74
	3/19/2009	12.72	6.18	203.8	3.95
	10/28/2009	12.03	6.26	351.0	5.40
	1/26/2010	12.89	6.12	365.1	4.30
	4/19/2010	14.15	6.36	284.4	4.8
	7/20/2010	15.20	5.98	111.3	4.1
	10/21/2010	14.47	5.61	210.1	3.05
	1/25/2011	12.59	6.23	170.9	5.1
	4/26/2011	14.02	6.07	168.5	4.1
	7/18/2011	13.39	6.05	17.6	3.4
	10/20/2011	15.15	6.78	23.8	2.43
	4/26/2012	—	—	—	6.1
	10/31/2012	—	—	—	4.75
	4/22/2013	—	—	—	2.60
	10/22/2013	—	—	—	4.85
	4/23/2014	—	—	—	3.32

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Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
CMW-6	4/26/2012	—	—	—	2.65
	4/22/2013	—	—	—	3.93
	10/22/2013	—	—	—	0.67
	4/23/2014	—	—	—	2.17
CMW-7	6/17/2008	13.45	6.35	50.9	5.08
	10/1/2008	14.51	6.14	47.2	4.51
	12/30/2008	11.53	6.50	72.1	4.82
	3/19/2009	10.72	6.39	161.0	5.19
	1/24/2011	—	—	—	5.2
	4/25/2011	—	—	—	4.6
	7/18/2011	—	—	—	3.60
	4/27/2012	11.12	5.96	104.3	3.90
	10/31/2012	12.80	6.19	304.6	2.75
	4/22/2013	12.88	6.48	207.0	2.98
	10/22/2013	12.39	6.02	204.5	5.14
	4/23/2014	14.81	6.06	119.0	2.70
CMW-8	6/17/2008	15.90	6.51	9.5	0.17
	10/2/2008	13.92	6.30	132.3	0.64
	12/30/2008	10.64	6.60	68.2	0.66
	3/19/2009	10.39	6.51	30	0.72
	10/29/2009	12.09	6.48	31.3	1.18
	1/26/2010	12.37	6.45	-4.8	0.12
	4/20/2010	13.68	6.49	24.6	1.06
	7/20/2010	16.18	—[3]	25.4	0.98
	10/22/2010	12.97	6.02	122.9	1.90
	1/24/2011	11.73	6.42	13.9	0.30
	4/27/2011	11.30	6.32	288.0	<0.1
	7/19/2011	14.22	6.41	-39.1	1.1
	10/21/2011	13.96	6.48	69.0	0.61
	4/26/2012	11.33	7.93	-24.9	0.34
	10/31/2012	13.05	6.39	31.6	0.85
	4/22/2013	12.28	6.77	49.7	0.14
	10/23/2013	12.12	6.39	21.3	3.10
	4/23/2014	14.60	6.68	-40.0	2.63

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Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
CMW-10	6/17/2008	15.86	6.13	-183.3	0.16
	10/1/2008	16.98	6.26	27.1	0.48
	12/30/2008	12.55	6.24	-1.8	0.68
	3/19/2009	12.75	6.25	-41	0.64
	10/28/2009	14.15	6.32	-1.6	1.16
	1/26/2010	14.24	5.90	53.4	0.19
	4/20/2010	14.70	6.05	-12.3	0.61
	7/20/2010	17.97	—[3]	-33.0	0.55
	10/21/2010	15.23	5.68	125.3	1.32
	1/25/2011	14.44	5.74	155.3	0.35
	4/26/2011	3.13	—[4]	100.7	0.18
	7/18/2011	14.85	6.01	-80.5	0.07
	10/21/2011	13.62	7.59	-140.3	0.74
	4/26/2012	12.38	6.02	89.1	2.3
	10/31/2012	14.29	6.32	49.1	0.07
	4/22/2013	13.90	6.81	187.3	3.52
	10/23/2013	13.65	5.56	192.0	6.31
	4/24/2014	16.89	5.89	48.0	3.53
CMW-12	6/17/2008	14.76	6.37	-125.3	0.62
	10/1/2008	15.77	6.23	-9.8	0.54
	12/30/2008	12.22	6.53	54.9	1.29
	3/19/2009	12.55	6.42	-12	0.53
	10/28/2009	13.05	6.42	-1.7	1.36
	1/26/2010	12.78	6.36	-89.9	1.10
	4/20/2010	14.51	6.46	66.9	0.42
	7/21/2010	15.16	6.09	9.1	0.14
	10/21/2010	13.63	6.40	105.6	0.12
	1/25/2011	12.79	6.04	28.2	0.30
	4/26/2011	15.60	6.12	14.6	<0.1
	7/19/2011	13.59	6.28	-67.2	0.37
	10/21/2011	13.37	8.00	-161.3	0.09
	4/26/2012	12.94	9.10	-123.8	0.57
	11/1/2012	13.79	6.22	-144.3	0.36
	4/22/2013	14.04	6.09	-12.1	1.62
	10/23/2013	13.32	6.22	-54.2	0.25
	4/24/2014	15.30	6.36	-169.0	0.05

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Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
CMW-13	6/17/2008	14.03	6.23	82.2	0.17
	10/1/2008	14.44	6.19	91.8	0.43
	12/30/2008	13.05	5.79	141.0	1.07
	3/19/2009	12.81	5.98	50.4	0.68
	10/29/2009	12.80	6.45	-14.8	1.43
	1/26/2010	13.79	5.81	56.4	0.25
	4/20/2010	14.30	6.40	72.1	2.19
	7/20/2010	20.00	5.79	-18.9	0.22
	10/21/2010	14.32	6.43	111.3	0.63
	1/25/2011	13.64	6.27	154.1	7.70
	4/27/2011	11.90	6.23	377.2	3.41
	7/18/2011	13.17	6.27	-33.1	1.30
	10/20/2011	14.09	6.29	46.9	0.06
	4/26/2012	11.61	7.52	-41.0	1.33
	10/31/2012	13.33	5.81	-52.0	1.97
	4/22/2013	20.11	3.16	120.0	0.17
	10/22/2013	14.65	5.53	73.8	5.55
	4/24/2014	12.67	6.41	186.0	1.62
CMW-15	6/17/2008	12.46	6.37	46.7	0.17
	10/2/2008	13.07	6.21	65.1	0.90
	12/30/2008	11.56	6.40	83.1	0.70
	3/19/2009	10.81	6.26	61	1.61
	10/29/2009	11.84	6.30	58.6	1.66
	1/26/2010	12.29	6.23	35.4	0.15
	4/20/2010	12.64	6.45	127.6	0.92
	7/20/2010	14.46	—[3]	33.1	0.75
	10/22/2010	13.35	5.59	167.5	0.65
	1/25/2011	12.27	5.68	387.6	0.35
	4/27/2011	10.96	6.19	336.0	0.11
	7/19/2011	12.94	6.21	14.0	0.10
	10/21/2011	12.56	6.24	87.4	0.17
	4/26/2012	—	—	—	0.08
	10/31/2012	—	—	—	0.25
	4/22/2013	—	—	—	0.19
	10/22/2013	—	—	—	2.41
	4/23/2014	—	—	—	0.07

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Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
CMW-25	6/16/2008	16.57	5.97	160.7	4.80
	10/1/2008	14.32	6.15	49.9	0.53
	12/30/2008	12.08	6.04	135.3	3.70
	3/19/2009	12.68	6.03	91.3	0.75
	10/28/2009	12.45	6.32	42.7	1.47
	1/26/2010	13.42	5.89	358.1	5.10
	4/20/2010	13.35	6.25	262.4	7.3
	7/20/2010	15.47	5.23	105.7	6.3
	10/21/2010	13.14	6.14	223.9	0.18
	1/25/2011	13.12	5.94	174.9	7.1
	4/26/2011	11.94	5.88	184.2	4.5
	7/18/2011	13.68	6.07	17.9	4.1
	10/21/2011	12.80	6.14	154.7	0.73
	4/27/2012	12.25	6.60	15.7	4.5
	10/31/2012	12.67	6.36	88.8	0.12
	4/22/2013	13.64	6.23	193.8	2.68
	10/22/2013	12.69	6.01	189.3	5.64
	4/23/2014	17.12	5.85	108	2.80
CMW-26	6/16/2008	15.32	6.29	111.7	3.79
	10/1/2008	14.09	6.14	84.7	4.47
	12/30/2008	11.84	6.30	203.4	3.71
	3/19/2009	11.88	6.32	170.1	4.75
	10/28/2009	12.16	6.31	344.2	4.08
	1/26/2010	12.46	6.16	352.9	3.90
	4/20/2010	13.14	6.49	272.0	4.30
	7/20/2010	14.40	6.03	92.8	4.10
	10/21/2010	12.30	6.37	186.8	4.00
	1/25/2011	11.97	6.30	169.9	5.60
	4/26/2011	13.07	6.20	108.6	4.90
	7/18/2011	13.77	6.32	38.8	3.65
	10/20/2011	12.93	6.61	27.8	3.51
	4/27/2012	11.33	6.04	104.2	4.7
	10/31/2012	12.61	5.70	323.0	2.52
	4/22/2013	13.54	6.49	242.1	2.56
	10/22/2013	12.50	6.08	239.7	2.15
	4/24/2014	15.12	6.11	131.0	0.10

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Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
CMW-27	6/17/2008	16.53	6.44	-12.4	0.17
	10/1/2008	15.53	6.26	10.3	0.51
	12/30/2008	13.08	6.59	70.2	0.64
	3/19/2009	12.39	6.46	-48	0.58
	10/28/2009	13.58	6.48	-29.1	1.45
	1/26/2010	13.8	6.39	-132.2	5.17
	4/20/2010	14.35	6.47	-34.6	0.53
	7/21/2010	15.16	—[3]	-14.5	0.87
	10/21/2010	14.97	6.50	95.1	0.12
	1/25/2011	14.35	6.18	154.9	4.90
	4/26/2011	13.4	—[4]	75.6	0.26
	7/18/2011	15.45	6.01	-51.9	0.15
	10/21/2011	13.62	7.69	-144.9	0.00
	4/27/2012	12.78	5.19	-81.3	1.51
	10/31/2012	14.22	6.35	-126.7	0.06
	4/22/2013	13.70	6.07	3.6	0.19
	10/23/2013	14.00	5.99	6.8	1.59
	4/24/2014	14.22	6.54	16	2.09
CMW-28	6/16/2008	15.93	6.31	-19.7	0.16
	10/1/2008	18.34	5.98	46.2	0.50
	12/30/2008	6.96	6.16	44.0	0.81
	3/19/2009	9.11	6.15	167.5	3.40
	10/28/2009	14.97	5.59	179.3	1.36
	1/26/2010	8.89	5.86	176.7	8.33
	4/20/2010	11.37	5.96	307.3	6.4
	7/20/2010	16.44	—[3]	36.8	0.36
	10/21/2010	17.04	5.77	194.1	<0.1
	1/25/2011	7.05	5.74	165.3	9.91
	4/26/2011	10.54	5.92	361.8	7.60
	7/18/2011	16.69	5.66	5.2	5.0
	10/20/2011	14.46	5.61	7.9	0.32
	4/27/2012	9.92	5.73	80.2	8.3
	11/1/2012	15.34	5.94	93.8	1.51
	4/22/2013	11.73	6.21	183.3	5.92
	10/23/2013	14.78	5.46	170.3	6.07
	4/24/2014	16.25	5.84	137.0	5.29

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Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
CMW-29	6/17/2008	14.81	6.06	34.5	0.21
	10/1/2008	13.76	6.27	32.9	0.64
	12/30/2008	11.63	6.22	15.8	1.04
	3/19/2009	11.73	6.04	98.1	1.24
	10/28/2009	12.22	6.26	77.3	1.57
	1/27/2010	12.44	5.38	205.5	1.25
	4/20/2010	13.74	6.32	226.3	6.0
	7/20/2010	13.59	5.75	74.6	0.54
	10/21/2010	12.17	5.74	59.8	1.94
	1/25/2011	13.20	5.93	109.5	2.19
	4/26/2011	12.13	5.93	135.7	1.15
	7/18/2011	13.54	5.97	-4.9	1.55
	10/20/2011	13.00	6.46	21.9	1.08
	4/26/2012	12.80	8.53	-47.0	0.63
	10/31/2012	12.88	6.11	333.1	0.11
	4/22/2013	12.98	6.27	175.4	0.20
	10/22/2013	13.12	5.85	162.5	0.36
	4/23/2014	15.54	5.97	-60.0	0.06
CMW-30	3/19/2009	11.65	6.27	191.0	1.14
	10/28/2009	11.99	6.18	344.2	1.96
	1/27/2010	12.35	5.99	313.2	1.21
	4/20/2010	13.35	6.36	299.9	0.14
	7/20/2010	13.92	5.58	140.7	0.06
	10/21/2010	13.10	5.70	196.6	0.08
	1/25/2011	12.89	6.17	130.0	1.01
	4/26/2011	12.05	6.05	57.8	1.03
	7/19/2011	13.27	6.30	-1.0	0.05
	10/20/2011	13.24	6.51	22.2	0.00
	4/26/2012	—	—	—	0.35
	10/31/2012	—	—	—	1.15
	4/22/2013	—	—	—	0.06
	10/22/2013	—	—	—	0.06
	4/23/2014	—	—	—	0.56

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Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
CMW-31	6/16/2008	14.08	6.22	124.8	0.73
	10/2/2008	14.01	6.29	60.8	0.50
	12/31/2008	10.89	6.32	155.4	5.14
	3/20/2009	11.63	6.16	211.6	2.59
	10/29/2009	12.28	6.50	62.4	2.32
	1/27/2010	11.57	6.07	147.5	1.55
	4/20/2010	12.99	6.20	169.8	0.92
	7/20/2010	15.15	5.61	130.1	0.93
	10/22/2010	13.38	5.99	145.1	1.19
	1/25/2011	12.20	5.86	396.9	2.80
	4/26/2011	13.13	5.97	402.8	0.73
	7/19/2011	13.46	6.23	43.5	0.10
	10/20/2011	13.59	6.23	184.3	0.61
	4/26/2012	12.33	5.99	32.4	0.64
	10/31/2012	12.86	5.33	91.3	3.81
	4/22/2013	20.43	5.27	175.0	0.71
	10/22/2013	13.35	5.88	82.6	1.70
	4/23/2014	13.52	6.33	178.0	1.13
HMW-9	6/17/2008	15.16	6.43	8.5	0.68
	10/2/2008	14.13	6.36	45.2	0.54
	12/31/2008	11.98	6.40	3.7	0.71
	3/19/2009	12.88	6.29	42	0.61
	10/29/2009	13.22	6.39	39.7	1.15
	1/26/2010	12.22	6.39	-41.6	0.09
	4/20/2010	14.61	6.48	73.9	0.86
	7/20/2010	15.18	—[3]	22.7	1.01
	10/22/2010	13.61	6.28	101.7	0.45
	1/25/2011	13.11	6.10	144.0	3.70
	4/26/2011	13.91	6.24	99.5	<0.1
	7/19/2011	13.93	6.20	-22.2	0.6
	10/20/2011	14.28	6.30	72.0	0.37
	4/26/2012	13.64	8.53	-76.9	0.10
	10/31/2012	13.61	6.16	-54.2	1.02
	4/22/2013	12.18	6.23	-18.6	0.04
	10/23/2013	13.13	6.28	7.0	0.09
	4/24/2014	15.60	6.57	-20.0	0.46

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Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
HMW-10	6/17/2008	15.06	6.45	-4.0	0.60
	10/2/2008	14.72	6.30	72.9	0.70
	12/31/2008	10.97	6.43	-14.2	0.83
	3/19/2009	12.98	6.45	-25	0.58
	10/29/2009	12.12	6.46	6.7	1.20
	1/26/2010	12.15	6.42	-80.4	0.09
	4/20/2010	14.38	6.41	68.6	0.62
	7/20/2010	14.70	—[3]	-14.2	0.67
	10/21/2010	13.95	5.84	124.0	0.36
	1/25/2011	12.71	6.10	149.3	0.50
	4/26/2011	14.49	6.15	114.5	<0.1
	7/19/2011	13.62	6.30	-70.5	1.0
	10/21/2011	13.24	6.33	80.9	0.46
	4/26/2012	12.90	6.51	-78.8	0.44
	11/1/2012	13.14	6.06	-84.5	1.03
	4/22/2013	19.27	3.01	133.0	0.07
	10/22/2013	14.04	6.25	-38.9	0.06
	4/23/2014	14.27	6.58	-60.0	0.10
HMW-11	6/17/2008	14.44	6.38	13.2	0.15
	10/1/2008	14.71	6.18	40.0	0.50
	12/31/2008	11.04	6.38	-17.1	1.20
	3/20/2009	11.71	5.70	53	0.62
	10/28/2009	12.89	6.39	11.7	1.16
	1/26/2010	13.25	6.19	44.5	0.37
	4/20/2010	14.00	6.41	85.7	1.89
	7/20/2010	17.71	6.10	-19.1	0.98
	10/21/2010	14.01	5.79	128.2	0.43
	1/25/2011	13.08	5.77	197.9	1.10
	4/27/2011	13.08	6.02	380.4	<0.1
	7/19/2011	13.36	6.39	-55.4	1.0
	10/21/2011	13.18	6.36	72.5	0.56
	4/26/2012	12.25	7.62	67.7	0.49
	11/1/2012	13.66	6.19	-70.7	0.10
	4/22/2013	12.65	5.89	90.2	0.85
	10/23/2013	13.76	6.19	-12.6	0.08
	4/24/2014	12.87	6.16	79.0	0.18

Table 2
Summary of Groundwater Geochemical Data - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Sample Location	Date[1]	Temperature[2] (°Celsius)	pH[2]	ORP[2] (millivolts)	Dissolved Oxygen[1] (milligrams per liter)
HMW-13	6/16/2008	18.52	6.07	114.6	0.74
	10/1/2008	15.26	6.19	61.5	0.55
	12/30/2008	11.54	6.09	127.8	1.19
	3/19/2009	12.66	6.03	184.3	1.11
	10/28/2009	12.38	6.29	103.1	1.49
	1/26/2010	12.42	5.95	330.9	0.20
	4/20/2010	14.52	6.31	201.9	0.56
	7/20/2010	15.08	5.95	81.1	0.23
	10/21/2010	13.17	5.48	211.8	0.35
	1/25/2011	12.71	6.04	176.2	6.9
	4/26/2011	12.42	5.95	188.6	0.59
	7/18/2011	14.39	6.13	5.7	1.6
	10/21/2011	12.66	6.10	27.0	0.20
	4/26/2012	12.05	6.30	52.6	0.94
	11/1/2012	13.27	6.09	73.3	0.26
	4/22/2013	13.97	6.30	233.0	0.11
	10/23/2013	12.37	5.86	233.5	4.40
	4/23/2014	15.26	5.86	118.0	0.37

NOTES:

[1]Date shown represents date of groundwater sample collection. Dissolved oxygen measurements are typically collected 1 to 2 days prior using a dissolved-oxygen analyzer with a down-hole probe.

[2]Temperature, pH, and oxidation-reduction potential (ORP) measured using YSI multi-parameter water quality analyzer.

[3]Not measured due to malfunctioning pH meter.

[4]pH readings did not stabilize.

[5]Well paved over on October 20, 2010, uncovered October 22, 2010.

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-2	CMW2-061708	6/17/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW2-100108	10/1/2008	0.44	**0.85**	<400	<4.0	<4.0	<4.0	<8.0
	CMW2-123008	12/30/2008	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	CMW2-031909	3/19/2009	0.35	<0.43	<100	<1.0	<1.0	<1.0	1.6
	CMW2-102809	10/28/2009	<0.25	<0.40	240	2.0	1.2	<1.0	2.0
	CMW2-012610	1/26/2010	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW2-042010	4/20/2010	0.28	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW2-072010	7/20/2010	**0.92**	**<0.67**[11]	<100	<1.0	<1.0	<1.0	<2.0
	CMW-2-102110	10/21/2010	**0.63**	<0.44	<100	<1.0	<1.0	1.1	1.5
	CMW-2-012511	1/25/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW2-042711	4/27/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-2-071811	7/18/2011	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-2-102111	10/21/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-2-042712	4/27/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-2-110112	11/1/2012	0.44	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-2-042313	4/23/2013	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-2-102313	10/23/2013	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-2-042414	4/24/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-4	CMW4-061608	6/16/2008	<0.25	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW4-100108	10/1/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW4-123008	12/30/2008	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW4-031909	3/19/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW4-102809	10/28/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW4-012610	1/26/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW4-042010	4/20/2010	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW-4-072010	7/20/2010	<0.31	<0.49	<100	<1.0	<1.0	<1.0	<2.0
	CMW-4-102110	10/21/2010	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-4-012511	1/25/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-4-042611	4/26/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-4-071911	7/19/2011	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-4-102011	10/20/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
CMW-5	CMW5-061608	6/16/2008	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW5-100208	10/2/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW5-123108	12/31/2008	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW5-032009	3/20/2009	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	CMW5-102909	10/29/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW5-012710	1/27/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW5-042010	4/20/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-5-072010	7/20/2010	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-7	CMW7-061708	6/17/2008	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW7-100108	10/1/2008	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW7-123008	12/30/2008	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW7-031909	3/19/2009	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-7-042712	4/27/2012	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-7-102112	10/31/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-7-042213	4/22/2013	<0.25	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-7-102213	10/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-7-042314	4/23/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
CMW-8	CMW8-061708	6/17/2008	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	BAIL2-061708[6]	6/17/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW8-100208	10/2/2008	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW8-123008	12/30/2008	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW8-031909	3/19/2009	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW8-102909	10/29/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW8-012610	1/26/2010	<0.26	<0.42	<100	<1.0	<1.0	<1.0	2.6
	CMW8-042010	4/20/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW8-072010	7/20/2010	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-102210	10/22/2010	<0.29	<0.47	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-012411	1/24/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-042711	4/27/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-071911	7/19/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW8-102111	10/21/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-042612	4/26/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-110112	11/1/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-042313	4/23/2013	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-102313	10/23/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-8-042314	4/23/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-10	CMW10-061708	6/17/2008	**1.9**	<0.41	**1,300**[5]	<4.0	<4.0	12	179
	CMW10-061708[4]	6/17/2008	**2.0**	<0.40	**1,300**[5]	<4.0	<4.0	12	181
	BAIL1-061708[6]	6/17/2008	**92**	**<7.0**	**4,600**[5]	<4.0	6.9	31	540
	CMW10-061708[7]	6/17/2008	**11.2**	**<2.53**	61.0	<0.500	<0.500	0.618	9.80
	CMW10-100108	10/1/2008	**0.74**	<0.40	**3,500**	1.9	4.8	64	750
	CMW10-123008	12/30/2008	**1.1**[8]	<0.40	**6,100**	4.1	5.3	140	**1,290**
	CMW10-031909	3/19/2009	**1.3**[8]	<0.46	**1,600**[5]	<4.0	<4.0	13	204
	CMW10-102809	10/28/2009	**0.78**[8]	<0.40	**8,100**	2.7	2.9	140	**1,440**
	QAQC-102809[4]	10/28/2009	**5.5**[8]	**0.76**[10]	**8,400**	2.8	3.1	150	**1,570**
	CMW10-012610	1/26/2010	**5.8**	**<0.65**[11]	**1,100**[5]	<1.0	<1.0	3.5	76
	QAQC-1-012610[4]	1/26/2010	**5.6**	**<0.63**[11]	**1,200**[5]	<1.0	<1.0	3.7	74
	CMW10-042010	4/20/2010	**2.7**[8]	<0.41	560[5]	<1.0	<1.0	<1.0	19.3
	QA/QC-1-042010[4]	4/20/2010	**2.2**[8]	<0.41	660[5]	<4.0	<4.0	<4.0	12
	CMW10-072010	7/20/2010	**2.3**	**<0.57**[11]	740[5]	<1.0	<1.0	1.2	67
	CMW-10-102110	10/21/2010	**2.6**[8]	<0.47	**7,200**	<4.0	<4.0	10	**1,430**
	CMW-10-012511	1/25/2011	**0.79**	<0.42	<400	<4.0	<4.0	<4.0	<8.0
	CMW-10-042611	4/26/2011	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	CMW-10-071811	7/18/2011	**1.2**	<0.42	<400	<4.0	<4.0	<4.0	<8.0
	CMW-10-102111	10/21/2011	**1.4**[8]	<0.41	**3,600**	<4.0	<4.0	9.6	610
	CMW-10-042712	4/27/2012	0.33	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW-10-110112	11/1/2012	**0.67**[8]	<0.41	**840**	1.7	<1.0	1.3	55
	CMW-10-042313	4/23/2013	0.30	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-10-1023013	10/23/2013	**1.3**	<0.42	260[5]	<1.0	<1.0	<1.0	6.9
	CMW-10-042414	4/24/2014	0.28	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-11	CMW11-061708	6/17/2008	<0.27	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW11-100108	10/1/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW11-123008	12/30/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW11-031909	3/19/2009	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW11-102809	10/28/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW11-012610	1/26/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW11-042010	4/20/2010	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW11-072010	7/20/2010	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-11-102110	10/21/2010	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW-11-042711	1/25/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-11-012512	4/27/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-11-071811	7/18/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-11-102111	10/21/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-12	CMW12-061708	6/17/2008	<0.25	<0.40	780	**21**	<4.0	15	11
	CMW12-100108	10/1/2008	<0.40	<0.41	**800**	**18**	<4.0	24	8.4
	QA/QC-1-100108[4]	10/1/2008	<0.45	<0.41	**820**	**17**	<1.0	23	7.7
	CMW12-123008	12/30/2008	<0.26	<0.42	**890**	**19**	<1.0	28	14
	CMW12-031909	3/19/2009	<0.28	<0.44	**980**	**25**	<4.0	26	20
	CMW12-102809	10/28/2009	**1.3**	<0.40	440	**7.2**	<1.0	1.4	<2.0
	QAQC3-102809[4]	10/28/2009	**1.4**	0.41[10]	460	**7.4**	<1.0	1.4	<2.0
	CMW12-012610	1/26/2010	<0.39[11]	<0.43	**980**	**8.5**	<1.0	12	4.3
	CMW12-042010	4/20/2010	**<0.61[11]**	<0.43	**1,200**	**12**	<4.0	17	14
	CMW12-072110	7/21/2010	<0.44[11]	<0.45	**1,300[5]**	**13**	<1.0	25	16.2
	Dup-CMW12-072110[4]	7/21/2010	<0.49[11]	<0.44	**1,300[5]**	**13**	<1.0	26	15
	CMW-12-102110	10/21/2010	<0.36[11]	<0.41	660	**7.6**	<1.0	4.6	2.6
	dup-CMW-12-102110[4]	10/21/2010	<0.46[11]	<0.43	610	**7.1**	<1.0	5.1	2.4
	CMW-12-012511	1/25/2011	<0.48[11]	<0.41	**1,100**	**6.2**	<4.0	<4.0	4.4
	QA/QC-2-012511[4]	1/25/2011	<0.48[11]	<0.41	**1,100**	**6.4**	<4.0	<4.0	4.2
	CMW12-042611	4/26/2011	**<0.62[11]**	<0.41	**1,500**	**9.7**	<4.0	15	8.4
	QA/QC-1-042611[4]	4/26/2011	**<0.63[11]**	<0.41	**1,500**	**9.1**	<4.0	15	8.1
	CMW-12-071911	7/19/2011	**<0.73[11]**	<0.43	**1,600**	**11**	<1.0	11	11
	CMW-12-102111	10/21/2011	<0.41[11]	<0.42	780	**5.4**	<1.0	1.6	1.2
	DUP-2-102111[4]	10/21/2011	<0.42[11]	<0.41	750	**5.4**	<1.0	1.5	1.2
	CMW-12-042612	4/26/2012	**<0.90[11]**	<0.44	**1,600**	**7.1**	1.1	6.4	14
	QA/QC-1-042612[4]	4/26/2012	**<0.84[11]**	<0.44	**1,600**	**7.1**	1.2	6.5	13
	CMW-12-110112	11/1/2012	**0.56[8]**	<0.41	**850**	4.7	<1.0	<1.0	1.5
	DUP1-110112[4]	11/1/2012	0.46[8]	<0.41	**890**	**5.1**	<1.0	<1.0	2.0
	CMW-12-042313	4/23/2013	**<0.60[11]**	<0.43	390	2.6	<1.0	<1.0	1.6
	DUP1-042313[4]	4/23/2013	**<0.52[11]**	<0.43	390	2.1	<1.0	<1.0	1.5
	CMW-12-102313	10/23/2013	**<0.55[11]**	<0.41	740	3.1	<1.0	<1.0	<2.0
	DUP2-102313[4]	10/23/2013	<0.48[11]	<0.41	790	3.0	<1.0	<1.0	<2.0
	CMW-12-042414	4/24/2014	**<0.75[11]**	<0.41	**1,600**	4.3	<1.0	17	7.3
	DUP-2-042414	4/24/2014	**<0.75[11]**	<0.41	**1,500**	4.1	<1.0	16	7.1
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-13	CMW13-061708	6/17/2008	<0.26	<0.41	<100	1.1	<1.0	<1.0	<2.0
	CMW13-100108	10/1/2008	<0.55	<0.43	**1,000**	<4.0	<4.0	21	11
	CMW13-123008	12/30/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW13-031909	3/19/2009	<0.25	<0.40	<100	1.2	<1.0	<1.0	<2.0
	CMW13-102909	10/29/2009	**1.6**	<0.40	**860**	2.2	<1.0	1.3	<1.0
	CMW13-012609	1/26/2009	<0.27	<0.43	110	<1.0	<1.0	<1.0	<2.0
	CMW13-042010	4/20/2010	<0.26	<0.41	120	<1.0	<1.0	2.7	<2.0
	CMW-13-072010	7/20/2010	<0.28	<0.45	140	<1.0	<1.0	2.6	<2.0
	CMW-13-102110	10/21/2010	**<0.60**[11]	<0.43	**840**	2.2	<1.0	5.5	4.5
	CMW-13-012511	1/25/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW13-042711	4/27/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-13-071911	7/19/2011	<0.31	<0.50	130	<1.0	<1.0	<1.0	<2.0
	CMW13-102011	10/20/2011	<0.30	<0.46	460	1.7	<1.0	<1.0	<2.0
	CMW-13-042612	4/26/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-13-110112	11/1/2012	<0.26	<0.42	170	<1.0	<1.0	<1.0	<2.0
	CMW-13-042213	4/22/2013	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW-13-102213	10/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-13-042414	4/24/2014	<0.25	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-15	CMW15-061708	6/17/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW15-100208	10/2/2008	<0.25	<0.40	<400	<4.0	<4.0	<4.0	<8.0
	CMW15-123008	12/30/2008	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<1.0
	CMW15-031909	3/19/2009	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<1.0
	CMW15-102909	10/29/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<1.0
	CMW15-012610	1/26/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<1.0
	CMW15-042010	4/20/2010	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<1.0
	CMW15-072010	7/20/2010	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-15-102210	10/22/2010	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-15-012511	1/25/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW15-042711	4/27/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-15-071911	7/19/2011	<0.29	<0.47	<100	<1.0	<1.0	<1.0	<2.0
	CMW15-102111	10/21/2011	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
CMW-17	CMW17-061708	6/17/2008	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW17-100208	10/2/2008	<0.28	<0.45	<400	<4.0	<4.0	<4.0	<8.0
	CMW17-123108	12/31/2008	<0.30	<0.48	<100	<1.0	<1.0	<1.0	<2.0
	CMW17-032009	3/20/2009	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW17-012710	1/27/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW17-042010	4/20/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-17-072010	7/20/2010	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW17-042611	4/26/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-17-071911	7/19/2011	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW17-102011	10/20/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-19	CMW19-100208	10/2/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
CMW-20	CMW20-061708	6/17/2008	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW20-100208	10/2/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW20-123108	12/31/2008	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW20-032009	3/20/2009	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
CMW-21	CMW21-100208	10/2/2008	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
CMW-24	CMW24-061708	6/17/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW24-100108	10/1/2008	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW24-123008	12/30/2008	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW24-031909	3/19/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
CMW-25	CMW25-061608	6/16/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW25-100108	10/1/2008	<0.25	<0.40	<400	<4.0	<4.0	<4.0	<8.0
	CMW25-123008	12/30/2008	<0.33	<0.52	<100	<1.0	<1.0	<1.0	<2.0
	CMW25-031909	3/19/2009	<0.25	<0.40	130	<1.0	<1.0	<1.0	<2.0
	CMW25-102809	10/28/2009	0.29	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW25-012610	1/26/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW25-042010	4/20/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-25-072010	7/20/2010	<0.28	<0.45	120	<1.0	<1.0	<1.0	<2.0
	CMW-25-102110	10/21/2010	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-25-012511	1/25/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	1.6
	CMW-25-042611	4/26/2011	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-25-071811	7/18/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW25-102111	10/21/2011	<0.28	<0.45	110	<1.0	<1.0	<1.0	<2.0
	CMW-25-042712	4/27/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-25-110112	11/1/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-25-042213	4/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-25-102213	10/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-25-042314	4/23/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-26	CMW26-061608	6/16/2008	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW26-100108	10/1/2008	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW26-123008	12/30/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW26-031909	3/19/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW26-102809	10/28/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW26-012610	1/26/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW26-042010	4/20/2010	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-072010	7/20/2010	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-102110	10/21/2010	<0.29	<0.47	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-012511	1/25/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-042611	4/26/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-071811	7/18/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-102011	10/20/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-042712	4/27/2012	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-103112	10/31/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-042213	4/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-102213	10/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-26-042414	4/24/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-27	CMW27-061708	6/17/2008	**1.0**	<0.40	**2,300**	**33**	<4.0	110	211
	CMW27-061708[4]	6/17/2008	**1.1**	<0.40	**2,300**	**35**	<4.0	110	200
	CMW27-061708[7]	6/17/2008	**2.91**	**0.570**	**2,600**	**25.5**	1.22	143	289
	CMW27-100108	10/1/2008	**<0.75**	<0.40	**2,600**	**37**	<4.0	100	273
	QA/QC-2-100108[4]	10/1/2008	**<0.65**	<0.40	**2,600**	**35**	<1.0	99	271
	CMW27-123008	12/30/2008	**0.64**[8]	<0.44	**2,400**	**34**	<4.0	64	243
	QA/QC-2-123008[4]	12/30/2008	**0.66**[8]	<0.44	**2,500**	**32**	<1.0	74	273
	CMW27-031909	3/19/2009	<0.27	<0.43	**4,000**	**49**	<10.0	170	41.5
	QAQC1-031909[4]	3/19/2009	<0.25	<0.40	**4,200**	**48**	<4.0	170	424
	CMW27-102809	10/28/2009	**2.3**[8]	0.43[10]	**3,700**	**32**	1.6	180	354
	QAQC2-102809[4]	10/28/2009	**2.6**[8]	0.50[10]	**3,900**	**32**	1.6	160	304
	CMW27-012610	1/26/2010	**0.93**[8]	<0.41	**4,500**[5]	**25**	1.4	100	180
	QAQC-2-012610[4]	1/26/2010	**1.0**[8]	<0.40	**4,000**[5]	**24**	1.4	100	179.7
	CMW27-042010	4/20/2010	**2.5**[8]	<0.41	**2,300**	**28**	<4.0	84	88
	QA/QC-2-042010[4]	4/20/2010	**3.0**[8]	<0.41	**2,400**	**26**	<4.0	87	94
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-27	CMW27-072110	7/21/2010	**3.8**[8]	**<0.61**[11]	**2,800**	**36**	<4.0	150	150
	Dup-CMW27-072110[4]	7/21/2010	**2.2**[8]	<0.42	**2,900**	**37**	<4.0	150	150
	CMW-27-102110	10/21/2010	**1.5**[8]	<0.43	**1,400**	**23**	<4.0	69	41
	dup-CMW-27-102110[4]	10/21/2010	**1.4**[8]	<0.43	**1,400**	**23**	<4.0	70	42
	CMW-27-012511	1/25/2011	**2.9**[8]	<0.41	**4,800**	<4.0	<4.0	53	413
	CMW-27-042611	4/26/2011	**1.1**[8]	<0.41	**2,100**	<4.0	<4.0	20	122
	QA/QC-2-042611[4]	4/26/2011	**0.96**[8]	<0.44	**2,100**	<4.0	<4.0	21	133
	CMW-27-071811	7/18/2011	**5.0**[8]	<0.46	**9,100**	**37**	<10	390	999
	QA/QC-1-071811[4]	7/18/2011	**4.1**[8]	<0.43	**6,300**	**25**	<10	220	550
	CMW-27-102111	10/21/2011	**2.3**[8]	<0.41	**1,700**	**13**	<4.0	41	32
	DUP-1-102111[4]	10/21/2011	**2.2**[8]	<0.42	**1,700**	**13**	<4.0	42	33
	CMW-27-042712	4/27/2012	**4.4**[8]	<0.41	**5,100**[5]	<4.0	<4.0	59	355
	QA/QC-2-042712[4]	4/27/2012	**6.9**[8]	**<0.57**[11]	**5,100**[5]	<4.0	<4.0	66	356
	CMW-27-110112	11/1/2012	**2.4**[8]	<0.41	**3,300**[5]	**8.6**	<1.0	58	128.6
	DUP2-110112[4]	11/1/2012	**3.0**[8]	<0.41	**3,400**[5]	**8.5**	<1.0	168	8.7
	CMW-27-042313	4/23/2013	**4.0**[8]	<0.43	**1,900**	<1.0	<1.0	25	149.2
	DUP2-042313[4]	4/23/2013	**2.9**[8]	<0.45	**1,800**	<1.0	<1.0	27	139.5
	CMW-27-102313	10/23/2013	**2.8**[8]	<0.41	**2,200**[5]	4.3	<1.0	32	60.1
	DUP-1-102313[4]	10/23/2013	**2.6**[8]	<0.42	**2,100**[5]	4.5	<1.0	32	61.2
	CMW-27-042414	4/24/2014	0.42	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	DUP-1-042414	4/24/2014	**0.55**	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
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CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-28	CMW28-061608	6/16/2008	**0.54**	<0.40	120[5]	<1.0	<1.0	3.0	12.1
	CMW28-100108	10/1/2008	**0.6**[8]	<0.40	**1,900**	<4.0	<4.0	39	141
	CMW28-123008	12/30/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	QA/QC-1-123008[4]	12/30/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW28-031909	3/19/2009	0.28	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW28-102809	10/28/2009	**3.2**	**0.59**[10]	<100	<1.0	<1.0	<1.0	1.7
	CMW28-012610	1/26/2010	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW28-042010	4/20/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW28-072010	7/20/2010	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-102110	10/21/2010	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-012511	1/25/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW28-042611	4/26/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-071811	7/18/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-102011	10/20/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-042712	4/27/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-110112	11/1/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-042313	4/23/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-102313	10/23/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-28-042414	4/24/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-29	CMW29-061708	6/17/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW29-100108	10/1/2008	0.31	<0.40	<400	<4.0	<4.0	<4.0	<8.0
	CMW29-123008	12/30/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW29-031909	3/19/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW29-102809	10/28/2009	0.44	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW29-012710	1/27/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW29-042010	4/20/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-072010	7/20/2010	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-102110	10/21/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-012511	1/25/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-042611	4/26/2011	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-071811	7/18/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-102011	10/20/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-042612	4/26/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-103112	10/31/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-042313	4/23/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-102213	10/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-29-042314	4/23/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-30	CMW30-061608	6/16/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW30-100108	10/1/2008	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW30-123008	12/30/2008	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	CMW30-031909	3/19/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW30-102809	10/28/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW30-012610	1/26/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW30-042010	4/20/2010	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-30-072010	7/20/2010	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW-30-102110	10/21/2010	<0.30	<0.47	<100	<1.0	<1.0	<1.0	<2.0
	CMW-30-012511	1/25/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-30-042611	4/26/2011	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	CMW-30-071911	7/19/2011	<0.25	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-30-102011	10/20/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-31	CMW31-061608	6/16/2008	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW31-100208	10/2/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW31-123108	12/31/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW31-032009	3/20/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW31-102909	10/29/2009	**0.53**	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW31-012710	1/27/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW31-042010	4/20/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-072010	7/20/2010	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-102210	10/22/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-012511	1/25/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW31-042611	4/26/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-071911	7/19/2011	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	CMW31-102011	10/20/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-042612	4/26/2012	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-110112	11/1/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-042213	4/22/2013	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-102213	10/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-31-042314	4/23/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
CMW-32	CMW32-061708	6/17/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW32-100208	10/2/2008	<0.25	<0.40	<400	<4.0	<4.0	<4.0	<8.0
	CMW32-123108	12/31/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW32-032009	3/20/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	CMW32-102909	10/29/2009	**0.58**	<0.4	<100	<1.0	<1.0	<1.0	<2.0
	CMW32-012710	1/27/2010	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW32-042010	4/20/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW-32-072010	7/20/2010	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	CMW-32-102210	10/22/2010	<0.28	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	CMW-32-012511	1/25/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW32-042611	4/26/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	CMW-32-071911	7/19/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	CMW32-102011	10/20/2011	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
HMW-9	HMW9-061708	6/17/2008	<0.27	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	HMW9-100208	10/2/2008	<0.25	<0.40	<400	<4.0	<4.0	<4.0	<8.0
	HMW9-123108	12/31/2008	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	HMW9-031909	3/19/2009	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	HMW9-102909	10/29/2009	**0.62**	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	HMW9-012610	1/26/2010	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW9-042010	4/20/2010	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	HMW9-072010	7/20/2010	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	HMW-9-102210	10/22/2010	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	HMW-9-012511	1/25/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW9-042611	4/26/2011	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	HMW-9-071911	7/19/2011	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	HMW9-102011	10/20/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	HMW-9-042612	4/26/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-9-110112	11/1/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-9-042313	4/23/2013	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	HMW-9-102313	10/23/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-9-042414	4/24/2014	<0.25	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
HMW-10	HMW10-061708	6/17/2008	0.27	<0.41	<100	2.9	<1.0	<1.0	<2.0
	HMW10-100208	10/2/2008	<0.28	<0.44	240	3.1	<1.0	<1.0	<2.0
	HMW10-123108	12/31/2008	<0.25	<0.40	<400	<4.0	<4.0	<4.0	<8.0
	HMW10-031909	3/19/2009	<0.27	<0.43	250	4.1	<1.0	<1.0	<1.0
	HMW10-102909	10/29/2009	**1.1**	<0.40	220	2.6	<1.0	<1.0	<2.0
	HMW10-012610	1/26/2010	<0.25	<0.40	210	2.3	<1.0	<1.0	<2.0
	HMW10-042010	4/20/2010	<0.26	<0.42	210	2.4	<1.0	<1.0	<2.0
	HMW10-072010	7/20/2010	<0.28	<0.44	240	2.3	<1.0	<1.0	<2.0
	HMW-10-102110	10/21/2010	<0.29	<0.47	180	1.9	<1.0	<1.0	<2.0
	HMW-10-012511	1/25/2011	<0.26	<0.42	<400	<4.0	<4.0	<4.0	<8.0
	QA/QC-1-012511[4]	1/25/2011	<0.26	<0.41	<400	<4.0	<4.0	<4.0	<8.0
	HMW10-042611	4/26/2011	<0.26	<0.41	180	1.6	<1.0	<1.0	<2.0
	HMW-10-071911	7/19/2011	<0.28	<0.44	310	2.3	<1.0	<1.0	1.4
	QA/QC-2-071911[4]	7/19/2011	<0.29[11]	<0.46	350	2.3	<1.0	<1.0	1.8
	HMW10-102111	10/21/2011	<0.28	<0.45	200	2.6	<1.0	<1.0	<2.0
	HMW-10-042612	4/26/2012	<0.26	<0.42	170	1.9	<1.0	<1.0	<2.0
	HMW-10-110112	11/1/2012	<0.26	<0.42	200	1.8	<1.0	<1.0	<2.0
	HMW-10-042213	4/22/2013	<0.26	<0.42	150	1.7	<1.0	<1.0	<2.0
	HMW-10-102213	10/22/2013	<0.26	<0.41	160	2.0	<1.0	<1.0	<2.0
	HMW-10-042314	4/23/2014	<0.26	<0.41	250	1.8	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
HMW-11	HMW11-061708	6/17/2008	**0.83**	<0.44	**940**	**9.0**	<4.0	14	8.3
	HMW11-100108	10/1/2008	**0.89**[8]	<0.42	490	**5.7**	<1.0	1.9	1.4
	HMW11-123108	12/31/2008	<0.25	<0.40	760	**8.1**	<4.0	9.2	4.4
	HMW11-032009	3/20/2009	<0.25	<0.43	680	**7.5**	<4.0	8.2	5.2
	QAQC2-032009[4]	3/20/2009	<0.27	<0.43	720	**7.6**	1.5	8.4	5.4
	HMW11-102809	10/28/2009	**1.4**	<0.40	450	3.6	<1.0	<1.0	<2.0
	HMW11-012610	1/26/2010	<0.26[8]	<0.41	460	1.4	<1.0	2.8	1.5
	HMW11-042010	4/20/2010	**1.0**	<0.43	**1,200**	3.4	1.1	5.7	3.3
	HMW-11-072010	7/20/2010	**<0.60**[11]	<0.46	**1,400**[5]	4.3	1.1	4.6	6.0
	HMW-11-102110	10/21/2010	<0.50[11]	<0.41	740	4.3	<1.0	1.2	2.2
	HMW-11-012511	1/25/2011	0.30	<0.42	<400	<4.0	<4.0	<4.0	<8.0
	HMW11-042711	4/27/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-11-071911	7/19/2011	**0.57**	<0.42	**1,000**	3.1	<1.0	1.4	6.5
	HMW11-102111	10/21/2011	**0.57**	<0.42	**860**	<4.0	<4.0	<4.0	<8.0
	HMW-11-042612	4/26/2012	<0.25	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-11-110112	11/1/2012	**0.58**[8]	<0.41	**1,300**	3.5	<1.0	<1.0	2.6
	HMW-11-042313	4/23/2013	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	HMW-11-102313	10/23/2013	**<0.54**[11]	<0.41	**820**	2.4	<1.0	2.1	<2.0
	HMW-11-042414	4/24/2014	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
HMW-12	HMW12-100208	10/2/2008	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

Table 3
Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater - June 2008 through April 2014
CHS Auburn Site
Auburn, Washington
Farallon PN: 301-004

Well Identification	Sample Identification	Sample Date	Analytical Results (milligrams per liter)		Analytical Results (micrograms per liter)				
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
HMW-13	HMW13-061608	6/16/2008	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	HMW13-061608[7]	6/16/2008	0.396	**<0.532**	<50.0	<0.500	<0.500	<0.500	<1.00
	HMW13-100108	10/1/2008	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	HMW13-123008	12/30/2008	<0.27	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	HMW13-031909	3/19/2009	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	HMW13-102809	10/28/2009	**5.7**	**0.86**[10]	<100	<1.0	<1.0	<1.0	<2.0
	HMW13-012610	1/26/2010	<0.25	<0.40	<100	<1.0	<1.0	<1.0	<2.0
	HMW13-042010	4/20/2010	<0.28	<0.44	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-072010	7/20/2010	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-102110	10/21/2010	<0.29	<0.46	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-012511	1/25/2011	<0.27	<0.43	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-042611	4/26/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-071811	7/18/2011	<0.28	<0.45	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-102111	10/21/2011	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-042612	4/26/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-110112	11/1/2012	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-042213	4/22/2013	<0.26	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-102313	10/23/2013	<0.26	<0.42	<100	<1.0	<1.0	<1.0	<2.0
	HMW-13-042314	4/23/2014	<0.25	<0.41	<100	<1.0	<1.0	<1.0	<2.0
MTCA Method A Cleanup Levels for Groundwater[9]			**0.5**	**0.5**	**800**	**5**	**1,000**	**700**	**1,000**

NOTES:

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

Results in **bold** denote sample result or reporting limit exceeds applicable Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater.

[1]Analyzed by Northwest Method NWTPH-Dx.

[2]Analyzed by Northwest Method NWTPH-Gx.

[3]Analyzed by U. S. Environmental Protection Agency Method 8021B.

[4]Quality assurance/quality control duplicate sample.

[5]Hydrocarbons indicative of heavier fuels present in the sample that are impacting the gasoline result.

[6]Sample collected using disposable bailer

[7]Duplicate sample analyzed at TestAmerica Inc.

[8]Hydrocarbons in the gasoline range are impacting the diesel-range result.

[9]MTCA Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised November 2007.

[10]Hydrocarbons in the diesel range are impacting the oil-range result.

[11]The practical quantitation limit is elevated due to interferences in the sample.

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = TPH as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

TPH = total petroleum hydrocarbons

APPENDIX A
LABORATORY ANALYTICAL REPORT

APRIL 2014 GROUNDWATER MONITORING REPORT
CHS Auburn Site
Auburn, Washington

Farallon PN: 301-004

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 5, 2014

Paul Grabau
Farallon Consulting, LLC
1201 Cornwall Avenue, Suite 105
Bellingham, WA 98225

Re: Analytical Data for Project 301-004
Laboratory Reference No. 1404-219

Dear Paul:

Enclosed are the analytical results and associated quality control data for samples submitted on April 25, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

Case Narrative

Samples were collected on April 23 and 24, 2014 and received by the laboratory on April 25, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CMW-25-042314**					
Laboratory ID:	04-219-01					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*71-112*				
Client ID:	**CMW-7-042314**					
Laboratory ID:	04-219-02					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*71-112*				
Client ID:	**CMW-31-042314**					
Laboratory ID:	04-219-03					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*71-112*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**HMW-13-042314**					
Laboratory ID:	04-219-04					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*71-112*				
Client ID:	**HMW-10-042314**					
Laboratory ID:	04-219-05					
Benzene	**1.8**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**250**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*71-112*				
Client ID:	**CMW-8-042314**					
Laboratory ID:	04-219-06					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*71-112*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CMW-29-042314**					
Laboratory ID:	04-219-07					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*71-112*				
Client ID:	**CMW-13-042414**					
Laboratory ID:	04-219-08					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*78*	*71-112*				
Client ID:	**CMW-26-042414**					
Laboratory ID:	04-219-09					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*71-112*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**HMW-11-042414**					
Laboratory ID:	04-219-10					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*71-112*				
Client ID:	**CMW-28-042414**					
Laboratory ID:	04-219-11					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*71-112*				
Client ID:	**CMW-12-042414**					
Laboratory ID:	04-219-12					
Benzene	**4.3**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**17**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**7.3**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**1600**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*71-112*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DUP-2-042414**					
Laboratory ID:	04-219-13					
Benzene	**4.1**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**16**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**7.1**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**1500**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*71-112*				
Client ID:	**CMW-2-042414**					
Laboratory ID:	04-219-14					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*71-112*				
Client ID:	**HMW-9-042414**					
Laboratory ID:	04-219-15					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*71-112*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Gx/BTEX

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CMW-10-042414**					
Laboratory ID:	04-219-16					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*71-112*				
Client ID:	**CMW-27-042414**					
Laboratory ID:	04-219-17					
Benzene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Toluene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Gasoline	**ND**	100	NWTPH-Gx	5-2-14	5-2-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*71-112*				
Client ID:	**DUP-1-042414**					
Laboratory ID:	04-219-18					
Benzene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Toluene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Gasoline	**ND**	100	NWTPH-Gx	5-2-14	5-2-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*71-112*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Gx/BTEX
METHOD BLANK QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0501W1					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*71-112*				
Laboratory ID:	MB0501W2					
Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Toluene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-1-14	5-1-14	
Gasoline	**ND**	100	NWTPH-Gx	5-1-14	5-1-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*71-112*				
Laboratory ID:	MB0502W3					
Benzene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Toluene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Ethyl Benzene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
m,p-Xylene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
o-Xylene	**ND**	1.0	EPA 8021B	5-2-14	5-2-14	
Gasoline	**ND**	100	NWTPH-Gx	5-2-14	5-2-14	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*71-112*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Gx/BTEX
DUPLICATE QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	04-219-01									
	ORIG	DUP								
Benzene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						*81* *79*	*71-112*			
Laboratory ID:	04-219-02									
	ORIG	DUP								
Benzene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						*80* *79*	*71-112*			
Laboratory ID:	04-219-17									
	ORIG	DUP								
Benzene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						*86* *86*	*71-112*			

Date of Report: May 5, 2014
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Project: 301-004

NWTPH-Gx/BTEX
MS/MSD QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	04-219-01										
	MS	MSD	MS	MSD		MS	MSD				
Benzene	**54.2**	**54.4**	50.0	50.0	ND	**108**	**109**	78-120	0	12	
Toluene	**55.0**	**54.9**	50.0	50.0	ND	**110**	**110**	80-121	0	12	
Ethyl Benzene	**55.4**	**55.1**	50.0	50.0	ND	**111**	**110**	81-120	1	13	
m,p-Xylene	**56.0**	**55.2**	50.0	50.0	ND	**112**	**110**	81-119	1	13	
o-Xylene	**56.2**	**55.7**	50.0	50.0	ND	**112**	**111**	79-117	1	13	
Surrogate:											
Fluorobenzene						*96*	*98*	*71-112*			
Laboratory ID:	04-217-17										
	MS	MSD	MS	MSD		MS	MSD				
Benzene	**55.8**	**52.3**	50.0	50.0	ND	**112**	**105**	78-120	6	12	
Toluene	**55.7**	**53.3**	50.0	50.0	ND	**111**	**107**	80-121	4	12	
Ethyl Benzene	**55.8**	**53.9**	50.0	50.0	ND	**112**	**108**	81-120	3	13	
m,p-Xylene	**56.2**	**54.9**	50.0	50.0	ND	**112**	**110**	81-119	2	13	
o-Xylene	**56.6**	**55.6**	50.0	50.0	ND	**113**	**111**	79-117	2	13	
Surrogate:											
Fluorobenzene						*95*	*93*	*71-112*			

Date of Report: May 5, 2014
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Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CMW-25-042314**					
Laboratory ID:	04-219-01					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				
Client ID:	**CMW-7-042314**					
Laboratory ID:	04-219-02					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				
Client ID:	**CMW-31-042314**					
Laboratory ID:	04-219-03					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				
Client ID:	**HMW-13-042314**					
Laboratory ID:	04-219-04					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				
Client ID:	**HMW-10-042314**					
Laboratory ID:	04-219-05					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				
Client ID:	**CMW-8-042314**					
Laboratory ID:	04-219-06					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				

Date of Report: May 5, 2014
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Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CMW-29-042314**					
Laboratory ID:	04-219-07					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				
Client ID:	**CMW-13-042414**					
Laboratory ID:	04-219-08					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				
Client ID:	**CMW-26-042414**					
Laboratory ID:	04-219-09					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**HMW-11-042414**					
Laboratory ID:	04-219-10					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*104*	*50-150*				
Client ID:	**CMW-28-042414**					
Laboratory ID:	04-219-11					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**CMW-12-042414**					
Laboratory ID:	04-219-12					
Diesel Range Organics	**ND**	0.75	NWTPH-Dx	4-29-14	4-29-14	U1,X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DUP-2-042414**					
Laboratory ID:	04-219-13					
Diesel Range Organics	**ND**	0.75	NWTPH-Dx	4-29-14	4-29-14	U1,X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				
Client ID:	**CMW-2-042414**					
Laboratory ID:	04-219-14					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				
Client ID:	**HMW-9-042414**					
Laboratory ID:	04-219-15					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				
Client ID:	**CMW-10-042414**					
Laboratory ID:	04-219-16					
Diesel Range Organics	**0.28**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**CMW-27-042414**					
Laboratory ID:	04-219-17					
Diesel Range Organics	**0.42**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*81*	*50-150*				
Client ID:	**DUP-1-042414**					
Laboratory ID:	04-219-18					
Diesel Range Organics	**0.55**	0.26	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				

Date of Report: May 5, 2014
Samples Submitted: April 25, 2014
Laboratory Reference: 1404-219
Project: 301-004

NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0429W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	4-29-14	4-29-14	X1
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	4-29-14	4-29-14	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-219-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	X1
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	X1
Surrogate:											
o-Terphenyl						*102*	*93*	*50-150*			
Laboratory ID:	04-219-02										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	X1
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	X1
Surrogate:											
o-Terphenyl						*109*	*96*	*50-150*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: FARALLON
Project Number: 301-004
Project Name: CHS AUBURN
Project Manager: PAUL GRABAU
Sampled by: Ken Scott + Jerome Chen

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 04-219

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	CMW-25-042314	4/23/14	1245	W	5		X		X													
2	CMW-7-042314		1315	W	5		X		X													
3	CMW-31-042314		1329	W	5		X		X													
4	HMW-13-042314		1405	W	5		X		X													
5	HMW-10-042314		1410	W	5		X		X													
6	CMW-8-042314		1452	W	5		X		X													
7	CMW-29-042314	↓	1505	W	5		X		X													
8	CMW-13-042414	4/24/14	909	W	5		X		X													
9	CMW-26-042414		945	W	5		X		X													
10	HMW-11-042414	↓	1004	W	5		X		X													

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	4/24/14	1615
Received		ODE	4/25/14	1245
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
RUN silica-gel cleanup on diesel samples. Send invoice to Jerry Eide @ CENEX

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

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Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Company: FARALLON
Project Number: 301-004
Project Name: CHS AUBURN
Project Manager: PAUL GRABAU
Sampled by: Ken Scott + Jerome Chen

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 04-219

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
11	CMW-28-042414	4/24/14	1035	W	5		X		X													
12	CMW-12-042414		1058	W	5		X		X													
13	DUP-2-042414		1103	W	5		X		X													
14	CMW-2-042414		1125	W	5		X		X													
15	HMW-9-042414		1247	W	5		X		X													
16	CMW-10-042414		1250	W	5		X		X													
17	CMW-27-042414		1356	W	5		X		X													
18	DUP-1-042414	↓	1401	W	5		X		X													
									X5													

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	4/24/14	1615
Received		ONE	4/25/14	1245
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
RUN silica-gel CLEAN-UP ON diesel SAMPLES.
SEND INVOICE to Jerry Eide @ CENEX.

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____