

# **DRAFT CLEANUP ACTION PLAN**

## **CHS AUBURN SITE 238 8TH STREET SOUTHEAST AND CONTIGUOUS AREAS AUBURN, WASHINGTON**

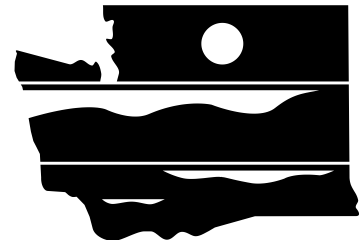
**AGREED ORDER NO. 4033  
FACILITY SITE NO. 2487**

May 17, 2017

**Issued by:**

**Washington State Department of Ecology  
Toxics Cleanup Program**

Northwest Regional Office  
3190 – 160th Avenue SE  
Bellevue, Washington 98008



WASHINGTON STATE  
DEPARTMENT OF  
**E C O L O G Y**

## TABLE OF CONTENTS

<b>EXECUTIVE SUMMARY .....</b>	<b>v</b>
<b>1.0 INTRODUCTION.....</b>	<b>1-1</b>
<b>2.0 BACKGROUND .....</b>	<b>2-1</b>
2.1 SITE DESCRIPTION .....	2-1
2.2 ENVIRONMENTAL INVESTIGATION SUMMARY .....	2-2
2.3 PREVIOUS CLEANUP ACTIONS .....	2-2
<b>3.0 CONCEPTUAL SITE MODEL .....</b>	<b>3-1</b>
3.1 CONSTITUENTS OF CONCERN AND AFFECTED MEDIA.....	3-1
3.1.1 Soil .....	3-1
3.1.2 Groundwater .....	3-2
3.2 CONFIRMED AND SUSPECTED SOURCES .....	3-3
3.3 KNOWN OR POTENTIAL ROUTES OF MIGRATION .....	3-4
3.4 KNOWN OR SUSPECTED HUMAN OR ECOLOGICAL RECEPTORS .....	3-4
<b>4.0 CLEANUP ACTION OBJECTIVES AND CLEANUP STANDARDS .....</b>	<b>4-1</b>
4.1 CLEANUP ACTION OBJECTIVES .....	4-1
4.2 CLEANUP STANDARDS .....	4-1
4.2.1 Cleanup Levels.....	4-1
4.2.2 Points of Compliance.....	4-2
4.2.3 Applicable or Relevant and Appropriate Requirements .....	4-3
<b>5.0 CLEANUP ACTION ALTERNATIVES EVALUATION .....</b>	<b>5-1</b>
5.1 GROUNDWATER CLEANUP ACTION ALTERNATIVES.....	5-1
5.1.1 Groundwater Cleanup Alternative 1—Monitored Natural Attenuation.....	5-1
5.1.2 Groundwater Cleanup Alternative 2—Enhanced Air Sparging with Targeted Soil Vapor Extraction .....	5-2
5.1.3 Groundwater Cleanup Alternative 3—In-Situ Chemical Oxidation and Enhanced Bioremediation .....	5-2
5.1.4 Other Groundwater Cleanup Activities .....	5-2
5.2 SOIL CLEANUP ACTION ALTERNATIVES .....	5-2
5.2.1 Soil Cleanup Alternative 1—Institutional Controls.....	5-3
5.2.2 Soil Cleanup Alternative 2—Excavation and Off-Site Disposal .....	5-4
<b>6.0 PREFERRED CLEANUP ALTERNATIVES .....</b>	<b>6-1</b>
6.1 DESCRIPTION OF SELECTED CLEANUP ALTERNATIVE FOR GROUNDWATER .....	6-1
6.2 DESCRIPTION OF PREFERRED CLEANUP ALTERNATIVE FOR SOIL.....	6-2

6.3 PERFORMANCE MONITORING ..... 6-3  
6.4 PERIODIC REVIEW ..... 6-4  
**7.0 SCHEDULE OF IMPLEMENTATION..... 7-1**  
**8.0 REFERENCES..... 8-1**

**FIGURES**

Figure 1 *Site Vicinity Map*  
Figure 2 *Site Plan*  
Figure 3 *Parcel Map*  
Figure 4 *October 2011 and March 1995 Groundwater Analytical Results for GRO*  
Figure 5 *October 2011 and March 1995 Groundwater Analytical Results for Benzene*  
Figure 6 *October 2011 and March 1997 and Groundwater Analytical Results for DRO*  
Figure 7 *Site Plan Showing DRO, GRO, and Benzene Results for Soil—August 2007 and February/March 2008*  
Figure 8 *GRO and DRO Analytical Results for Soil Samples at CHS Property*  
Figure 9 *Conceptual Plan of Remediation Wells for Preferred Cleanup Alternative for Groundwater*

**TABLES**

Table 1 *Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater*  
Table 2 *Applicable or Relevant and Appropriate Requirements*  
Table 3 *Cleanup Action Schedule of Implementation*

## **ACRONYMS AND ABBREVIATIONS**

AS	air sparging
ASTs	aboveground storage tanks
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
Cenex	Cenex Supply and Marketing, Inc.
CHS	CHS Inc.
CHS Property	the CHS Auburn facility at 238 8 <sup>th</sup> Street Southeast in Auburn, Washington
COCs	constituents of concern
DCAP	Draft Cleanup Action Plan
DRO	total petroleum hydrocarbons as diesel-range organics
Ecology	Washington State Department of Ecology
Farallon	Farallon Consulting, L.L.C.
GRO	total petroleum hydrocarbons as gasoline-range organics
LNAPL	light nonaqueous-phase liquid
mg/kg	milligrams per kilogram
µg/l	micrograms per liter
MTCA	Washington State Model Toxics Control Act Cleanup Regulation
ORO	total petroleum hydrocarbons as oil-range organics
RI/FS	Remedial Investigation/Feasibility Study
Site	the CHS Property at 238 8 <sup>th</sup> Street Southeast in Auburn, Washington and contiguous areas where concentrations of petroleum hydrocarbons and related compounds in soil or groundwater exceed applicable cleanup levels from releases at the CHS Property
Summit	Summit Envirosolutions, Inc.
SVE	soil vapor extraction
Thai Restaurant	Koong Thong Thai Restaurant
USTs	underground storage tanks
WAC	Washington Administrative Code
WSIADA	Washington State Independent Auto Dealers Association

## **EXECUTIVE SUMMARY**

The Washington State Department of Ecology has issued this Draft Cleanup Action Plan (DCAP). The DCAP is for the CHS Auburn Site (Site), generally located at 238 8<sup>th</sup> Street SE in Auburn, Washington. The Site encompasses the CHS Property and surrounding areas where concentrations of petroleum hydrocarbons and related compounds in soil or groundwater that exceed applicable cleanup levels have come to be located. The Site contains multiple parcels as depicted in Figure 1 and detailed in Section 2.1 of this DCAP. The cleanup action for the Site 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. The purpose of the DCAP is to present a conceptual-level description of the preferred cleanup actions developed as part of the remedial investigation/feasibility study (RI/FS) that has been completed for the Site.

Cenex Supply and Marketing, Inc., a predecessor to CHS, entered into Agreed Order DE-94TC-N396 with the Washington State Department of Ecology (Ecology) on November 7, 1994. Agreed Order DE-94TC-N396 was subsequently terminated, and replaced with Agreed Order No. 4033 entered into by CHS and Ecology with an effective date of June 12, 2007. Agreed Order No. 4033 specifies that CHS conduct an RI/FS for the Site. The RI activities were completed in 2011, and the Remedial Investigation Report prepared by Farallon was submitted to Ecology in July 2011. A final Feasibility Study for the Site was submitted to and approved by Ecology in August 2014.

Environmental investigations were initiated at and in the vicinity of the Site following the 1987 discovery of petroleum hydrocarbon impacts to soil and groundwater on the former City of Auburn fire station property across Auburn Way South and approximately 400 feet in the down-gradient direction of groundwater flow from the CHS Property located at 238 8th Street SE. Remedial activities at the Site began in 1994 and have continued through the present. Previous cleanup actions included installation and operation of three air sparging and soil vapor extraction systems. Extraction of light nonaqueous-phase liquid and impacted groundwater also was conducted for several years, initially with off-Site disposal, and subsequently using on-Site treatment and re-infiltration of groundwater. More than 8,100 tons of petroleum-contaminated soil was excavated by CHS from the bulk fuel storage area on the CHS Property in 1998, and 14 underground storage tanks and 12 aboveground storage tanks were removed in 1997 and 1998. The area of groundwater contamination has been reduced from the historical extent by over 90 percent, and is present only in a limited area down-gradient of the existing air sparging system, which is operating in the central portion of the Site.

The Site-specific goals for remediation of contaminated soil and groundwater are to:

- Reduce concentrations of constituents of concern (COCs) in groundwater to less than MTCA Method A cleanup levels to the extent practicable at the established point of compliance for groundwater within a reasonable restoration time frame; and
- Mitigate the potential for direct contact exposure to COCs in soil present at depths of less than 15 feet below ground surface (bgs).

Following the MTCA alternatives screening process described in the FS, the following three cleanup action alternatives for groundwater at the Site were retained for further consideration in the FS:

- Groundwater Cleanup Action Alternative 1—Monitored Natural Attenuation;
- Groundwater Cleanup Action Alternative 2—Enhanced Air Sparging with Targeted Soil Vapor Extraction; and
- Groundwater Cleanup Action Alternative 3—In-Situ Chemical Oxidation and Enhanced Bioremediation.

Following the MTCA alternatives screening process, the following two cleanup action alternatives for soil at the Site were retained for further consideration in the FS:

- Soil Cleanup Action Alternative 1—Institutional Controls; and
- Soil Cleanup Action Alternative 2—Excavation and Off-Site Disposal of Soil.

Groundwater cleanup Alternative 2, enhanced air sparging with targeted soil vapor extraction, was selected as the preferred cleanup alternative for groundwater for the Site. Soil cleanup Alternative 1, institutional controls, was selected as the preferred cleanup alternative for soil for the Site.

Groundwater cleanup Alternative 2 consists of installation of additional air sparging wells on the Washington State Independent Auto Dealers Association and Kong Thong Thai Restaurant properties south of the intersection of 7<sup>th</sup> Street Southeast and Auburn Way South, and along the southwest side of the Auburn Way South right-of-way. Soil cleanup Alternative 1 requires the recording of environmental covenants on the property deeds for those areas of the Site where soil at depths of less than 15 feet bgs contain concentrations of COCs exceeding applicable MTCA cleanup levels. These areas include the east and west perimeter of the 1998 excavation at the bulk fuel storage area, and the former location of heating oil Tank H-1, which was removed from the CHS Property in 1998. The environmental covenants would regulate activities below the ground surface in certain defined areas of properties within Site boundaries where concentrations of COCs in shallow soil continue to exceed MTCA Method A cleanup levels. For example, the environmental covenants will describe procedures to be followed during any future activities below the ground surface that could result in worker exposure or transfer of contaminated subsurface soil to the surface.

## **1.0 INTRODUCTION**

Farallon has assisted Ecology with the preparation of this draft Cleanup Action Plan (DCAP) on behalf of CHS Inc. (CHS) for the CHS Property at 238 8<sup>th</sup> Street Southeast in Auburn, Washington and surrounding areas where concentrations of petroleum hydrocarbons and related compounds in soil or groundwater that exceed applicable cleanup levels have come to be located from releases at the CHS Property (herein referred to as the Site). The location of the Site is depicted on Figure 1. A site plan is provided on Figure 2. The Site name is listed on the Ecology’s Confirmed and Suspected Contaminated Sites List database as “Cenex Valley Supply Coop” under Site Identification No. 2487. For the purposes of this document, “CHS” refers to both Cenex Supply and Marketing, Inc. (Cenex) and CHS Inc.

The cleanup activities at the Site are being conducted in accordance with MTCA, Chapter 173-340 of the Washington Administrative Code (WAC 173-340). Cenex, a predecessor to CHS, entered into Agreed Order DE-94TC-N396 with Ecology on November 7, 1994. Agreed Order DE-94TC-N396 was subsequently terminated and replaced with Agreed Order No. 4033, entered into by CHS and Ecology with an effective date of June 12, 2007. Agreed Order No. 4033 requires that CHS conduct a RI/FS for the Site. The RI activities were completed in 2011, and the Remedial Investigation Report (Farallon 2011b) was submitted to Ecology in July 2011 after comments received from Ecology (2010) on the draft Remedial Investigation Report (Farallon 2009) had been addressed (Farallon 2011a). The FS (Farallon 2014) was submitted in August 2014 after comments received from Ecology (2013) on the Draft FS (Farallon 2013) submitted to Ecology in April 2013 had been addressed. Ecology (2014) approved the FS in August 2014. The preparation of the Final Public Review Draft RI/FS, as specified under Agreed Order No. 4033, has been completed.

The purpose of the DCAP is to present a conceptual-level description of the preferred cleanup actions developed under the RI/FS for soil and groundwater at the Site. The DCAP was prepared in accordance with MTCA requirements for a Cleanup Action Plan, as provided in WAC 173-340-380. The requirements for a DCAP include the following elements:

- A general description of the proposed cleanup action and a summary of the rationale for selecting the cleanup action for the Site;
- A brief summary of other cleanup action alternatives evaluated in the RI/FS;
- Cleanup standards for each hazardous substance and medium of concern;
- A description of any required institutional controls, the types and concentrations of contaminants left on the Site, and measures that will be used to prevent migration of and contact with those substances; and
- A schedule for implementation of the proposed cleanup action.

The objective of this document is to satisfy the MTCA requirements for cleanup action plans set forth in WAC 173-340-380(1). Consistent with the requirements of that chapter, this DCAP provides the following information:

- i. Cleanup standards for each of the COCs for each medium.
- ii. Areas requiring remedial action for each medium based on the Conceptual Site Model presented in the RI/FS report.
- iii. Summary of other cleanup action alternatives evaluated during the RI/FS and rationale for selection of proposed alternatives.
- iv. Description of the proposed cleanup actions, including conceptual designs.
- v. Preliminary scope of work for implementation of the proposed cleanup actions.
- vi. Schedule for implementation of the proposed cleanup actions.
- vii. Applicable state or federal laws.
- viii. A preliminary determination by Ecology that the proposed cleanup actions will comply with WAC 173-340-360.

The DCAP is organized into the following sections:

- Section 2 provides a description of the Site and a summary of environmental investigations conducted at and in the vicinity of the Site;
- Section 3 presents the conceptual site model including COCs, affected media, and known or potential routes of migration;
- Section 4 presents the cleanup action objectives, cleanup standards, and Applicable or Relevant and Appropriate Requirements (ARARs) for the Site;
- Section 5 describes the evaluation of cleanup action alternatives for the Site that was conducted as part of the FS;
- Section 6 summarizes the preferred cleanup alternatives for soil and groundwater;
- Section 7 presents the schedule for implementation of the proposed cleanup action; and
- Section 8 presents the references cited in this DCAP.



## **2.0 BACKGROUND**

### **2.1 SITE DESCRIPTION**

The Site is located in Sections 18 and 19, Township 21 North, Range 5 East of the Willamette Meridian in Auburn, King County, Washington. The Site extends from the CHS Property at the southwestern corner of the intersection of 8<sup>th</sup> Street Southeast and C Street Southeast to approximately 100 feet northeast of Auburn Way South approximately 400 feet north-northeast of the CHS Property (Figure 2). Based on the findings of the 2007 through April 2011 RI activities, the Site parcels and approximate extent of petroleum hydrocarbons in soil and groundwater at concentrations exceeding MTCA Method A cleanup levels are depicted on Figure 3.

The Site, as defined by the delineated extent of groundwater or soil with concentrations of total petroleum hydrocarbons as diesel-range organics (DRO) and/or as gasoline-range organics (GRO), and/or benzene, toluene, ethylbenzene, and xylenes (BTEX) exceeding MTCA Method A cleanup levels since August 2007, includes portions of the following parcels:

- Parcel No. 1921059074—The area of the CHS Property that includes the eastern portion of the CHS building and the parking lot south of Parcel No. 3141600670, depicted on Figure 3 as CHS East Building;
- Parcel No. 3141600670—The area of the CHS Property that includes the pump islands and underground storage tanks (USTs), depicted on Figure 3 as CHS Pump Islands;
- Parcel No. 3141600800—The area of the CHS Property that includes the current truck parking area north of 8<sup>th</sup> Street Southeast, depicted on Figure 3 as CHS Across Street;
- Parcel No. 3141600810—Koong Thong Thai Restaurant (Thai Restaurant) (referred to in previous investigations as the former Tortilla Grande property), depicted on Figure 3 as Thai Restaurant;
- Parcel No. 0835000035—Washington State Independent Auto Dealers Association (WSIADA), depicted on Figure 3 as WSIADA;
- Parcel No. 1821059197—McDonald's Restaurant (once part of the former Hillman property) (McDonald's), depicted on Figure 3 as McDonald's;
- Parcel No. 1821059324—Anytime Fitness (referred to in previous investigations as Schuck's Firehouse Square or the Hillman property), depicted on Figure 3 as Firehouse Square West; and
- Parcel No. 1821059166—Firehouse Square Strip Mall (Firehouse Square) (referred to in previous investigations as the Hillman property), depicted on Figure 3 as Firehouse Square East.

The Site is paved, with the exception of the planters on the Firehouse Square and McDonald's properties, a strip between the parking lot and the sidewalk at the Thai Restaurant property, a landscaped median strip on Auburn Way South, and planters along C Street Southeast east of the CHS Property (Figure 2).

## **2.2 ENVIRONMENTAL INVESTIGATION SUMMARY**

Environmental investigations were conducted at and in the vicinity of the Site following the 1987 discovery of petroleum hydrocarbon impacts to soil and groundwater on the former City of Auburn fire station property northeast of Auburn Way South, across from the CHS Property. The fire station property was subsequently sold by the City of Auburn and developed into the Firehouse Square, former Schuck's, and McDonald's properties (Figure 2). Remedial activities have been ongoing since 1994, with one groundwater remediation system, designated as the Central System, currently active at the Site. The COCs identified for the Site are total petroleum hydrocarbons as diesel-range organics (DRO), total petroleum hydrocarbons as gasoline-range organics (GRO), total petroleum hydrocarbons as oil-range organics (ORO), and benzene, toluene, ethylbenzene, and xylenes (BTEX).

A substantial amount of environmental data have been collected at the Site since remedial activities commenced in 1994, including over 18 years of groundwater monitoring data. Groundwater remediation activities also have been ongoing for over 18 years. Therefore, the focus of the RI was to assess current conditions pertaining to soil and groundwater quality to support the development of an FS with a goal of selecting a final remedy that can be implemented in a reasonable time frame that is compliant with MTCA. The RI has been completed, and all of the data gaps that had been identified for the Site have been addressed.

## **2.3 PREVIOUS CLEANUP ACTIONS**

Following the 1987 discovery of contamination, multiple cleanup actions have been conducted at the Site. To date, these actions include:

- Installation and operation of an air sparging (AS) and soil vapor extraction (SVE) system in 1994 to treat soil and groundwater at the perimeter of the CHS Property (Perimeter System) (Figure 2);
- Extraction of groundwater and light nonaqueous-phase liquid (LNAPL), initially with off-Site disposal and subsequently using on-Site treatment and re-infiltration of groundwater from 1994 to 1996;
- Installation and operation of an AS/SVE system in 1995 to treat soil and groundwater in the down-gradient portion of the Site (Down-Gradient System) (Figure 2);
- Installation and operation of an AS/SVE system in 1996 to treat soil and groundwater in the central portion of the Site (Central System) (Figure 2);
- Closure of 14 USTs and 12 aboveground storage tanks (ASTs) on the CHS Property in 1997 and 1998; and
- Excavation of over 8,100 tons of petroleum-contaminated soil from the bulk fuel storage area at the CHS Property and disposal off the Site in 1998 at a licensed treatment or disposal facility.

The cleanup actions described in the first three bullets above were specified as work to be performed in Agreed Order DE-94TC-N396. The cleanup actions described in the subsequent bullets were performed independently in consultation with Ecology to expedite the overall cleanup of the Site.

The SVE component of the Central and Perimeter Systems was shut down with Ecology approval in late 1999 due to the low concentrations of petroleum hydrocarbon vapors present. The AS component of the Central System continues to operate in the central portion of the Site. The AS component of the Perimeter System was shut down during dissolved-oxygen enhancement testing beginning in 2009 so sparge air flow could be maximized in the area down-gradient of the adjacent Central System where residual concentrations of COCs in groundwater are now located. The Perimeter and Central Systems are piped to a common air compressor system. The SVE component of the Down-Gradient System was shut down in the late 1990s, and the AS component was turned off in 2007. The Down-Gradient System was decommissioned in July 2010 in conjunction with City of Auburn improvements to D Street Southeast, south of State Route 18.

The likely primary source of petroleum hydrocarbon impacts to groundwater was removed to the extent practicable with the excavation of soil from the former bulk fuel storage area of the CHS Property in 1998. Site-wide soil sampling conducted in 2007 and 2008 confirmed that nearly all remaining soil with COC concentrations exceeding MTCA cleanup levels is located at depths of greater than 16 feet below ground surface (bgs) within the petroleum hydrocarbon smear zone that has developed near the water table. COCs were detected at concentrations exceeding applicable MTCA cleanup levels in soil samples collected at depths of less than 15 feet bgs from isolated areas on the CHS Property in 1998. However, the concentrations of COCs detected in groundwater samples collected from monitoring wells immediately down-gradient of these areas have not exceeded MTCA cleanup levels since the wells were installed in 2008, indicating that residual concentrations of COCs in soil are not migrating to groundwater. A summary of analytical results for petroleum hydrocarbon constituents and BTEX in groundwater is provided in Table 1.

As a result of the previous cleanup actions taken to date, the dissolved-phase plumes of COCs in groundwater are greatly diminished from their historical extent in the mid-1990s. Similarly, remaining concentrations of COCs in groundwater are substantially lower than a decade ago and are within an order of magnitude of conservative MTCA Method A cleanup levels. Concentrations of GRO and benzene from the March 1995 and October 2011 monitoring events are provided on Figures 4 and 5, respectively, and concentrations of DRO from the March 1997 and October 2011 monitoring events are provided on Figure 6. LNAPL is no longer present on groundwater at the Site. The DRO, GRO, and benzene plumes in groundwater are commingled and generally located immediately northeast and southwest of Auburn Way South, with the majority of the area of groundwater containing COCs at concentrations exceeding applicable cleanup levels likely lying beneath this major thoroughfare.

Both geochemical data collected for a monitored natural attenuation assessment and empirical data collected at the Site suggest that COC degradation in groundwater is occurring as a result of natural attenuation processes in the plume area where anaerobic conditions are prevalent. Dissolved-oxygen enhancement testing beginning in 2006 showed that dissolved oxygen introduced in AS

wells immediately up-gradient of the current COC plumes in groundwater generally is consumed as a result of biological or chemical processes related to the contaminant mass in the smear zone within a short distance down-gradient of the AS wells.

### **3.0 CONCEPTUAL SITE MODEL**

This section presents the conceptual site model, including a discussion of the COCs and affected media, confirmed and suspected sources of COCs, known or potential routes of migration, and known or suspected human or ecological receptors.

#### **3.1 CONSTITUENTS OF CONCERN AND AFFECTED MEDIA**

The COCs at the Site are DRO, ORO, GRO, and BTEX constituents. The affected media at the Site are soil and groundwater. DRO, GRO, and BTEX in groundwater are in the dissolved phase. DRO, GRO, and benzene are the only COCs that have been detected in groundwater at the Site at concentrations exceeding MTCA Method A cleanup levels since 2010.

Soil gas is not a medium of concern for the Site. COCs were not detected in soil gas at concentrations exceeding MTCA Method B screening levels in shallow soil gas samples collected during subslab soil gas sampling at the WSIADA building at 707 Auburn Way South in April 2012 (Farallon 2012b). The subslab soil gas sampling activities were conducted with input and approval from Ecology (2011) (Farallon 2012a). Concentrations of toluene and m,p-xylene, the only constituents detected in the subslab soil gas sample, were two to three orders of magnitude below MTCA Method B screening levels for shallow soil gas samples.

Analytes that are required for testing at petroleum release sites, as defined in Table 830-1 of WAC 173-340-900, have been previously analyzed for in various media at the Site and were not detected at concentrations exceeding MTCA cleanup levels. These analytes include lead, polycyclic aromatic hydrocarbons, 1,2-dibromoethane, 1,2-dichloroethane, methyl tertiary-butyl ether, halogenated volatile organic compounds, and polychlorinated biphenyls.

##### **3.1.1 Soil**

The RI results indicate that soil with concentrations of COCs exceeding MTCA Method A cleanup levels generally is limited to depths of approximately 25 to 30 feet bgs within the smear zone that formed within the range of seasonal groundwater elevation fluctuations at the Site (Farallon 2011b). Soil samples collected during the RI that contained DRO, GRO, or benzene at concentrations exceeding MTCA Method A cleanup levels were from borings installed on the CHS Property, in C Street Southeast along the eastern perimeter of the CHS Property, on the Thai Restaurant property, and along the right-of-way southwest and northeast of Auburn Way South (Figure 7). The depths at which COCs were detected in soil at concentrations exceeding MTCA Method A cleanup levels typically are below the water table within the smear zone at depths greater than 15 feet bgs, with the exception of a limited area on the CHS Property near the limits of the 1998 excavation at the former bulk fuel storage area, and an isolated area near former heating oil UST H-1 (Figure 8). It was not feasible to remove additional petroleum-contaminated soil at the bulk fuel storage area during the 1998 excavation without additional engineering controls due to the depth of the excavation of greater than 25 feet bgs, the non-cohesive nature of the soil, and the proximity of residual contamination to C Street Southeast, utilities, and the CHS offices and retail store structure. Further, soil samples collected in 2007 indicated that residual petroleum

hydrocarbon concentrations near the former bulk fuel facility had diminished since 1998 (Figures 7 and 8).

### **3.1.2 Groundwater**

Groundwater monitoring results for the sampling events conducted from 2007 through April 2012 indicate that groundwater containing concentrations of COCs exceeding MTCA Method A cleanup levels is present at the Thai Restaurant and WSIADA properties to the north; at certain properties northeast of Auburn Way South, including McDonald's, former Schuck's (now Anytime Fitness), and Firehouse Square mall properties; and likely beneath Auburn Way South. A summary of groundwater analytical results for petroleum hydrocarbons and BTEX constituents is provided in Table 1.

The areas of the Site where DRO, GRO, and benzene have been detected in groundwater at concentrations exceeding MTCA Method A cleanup levels have been reduced by more than 90 percent from their historical maximum areal extents during the mid-1990s, and have remained similar in size since approximately 2008 (Figures 4 through 6). The area of dissolved-phase COCs in groundwater at concentrations exceeding MTCA Method A cleanup levels is approximately 300 to 500 feet down-gradient from the likely historical source at the former bulk fuel storage area on the CHS Property.

#### **3.1.2.1 LNAPL**

The last measurable thickness of LNAPL at the Site was recorded in October 1996 at 0.04 foot in monitoring well CMW-10 (Figure 2). Although sheens have since been reported in water purged from monitoring well CMW-10, a measurable accumulation of LNAPL in groundwater at the Site has not been observed for over 18 years. The thickest accumulations of LNAPL at the Site were measured in 1994, at approximately 1 to 1.5 feet in monitoring wells CMW-2 and CMW-10 and recovery well CRW-1 on the current Thai Restaurant property, and at monitoring well HMW-11 on the McDonald's property. Thinner accumulations of LNAPL were measured in 1994 in monitoring wells CMW-1 and HMW-13, which are or were located on or immediately adjacent to the CHS Property. LNAPL recovery and groundwater extraction activities had effectively removed LNAPL from the water table in these areas by mid-1996.

Forensic laboratory analyses of LNAPL samples conducted in 1994 indicated that the LNAPL was a mixture of gasoline and diesel fuel, but predominantly gasoline. Interpretation of the analytical results at that time suggested that either multiple sources existed or that multiple releases had occurred.

A total of 1,754 gallons of LNAPL reportedly was recovered from the recovery well CRW-1 groundwater extraction system. Although Farallon did not find documentation of LNAPL volumes recovered from other wells during review of available Site documents, the total volume of LNAPL recovered from other wells likely is insignificant compared to that recovered from recovery well CRW-1 due to the passive recovery methods used at the other wells.

### **3.2 CONFIRMED AND SUSPECTED SOURCES**

No single primary source for the release of petroleum hydrocarbon constituents to soil and groundwater has been identified for the Site. Two potential sources were described by Summit Envirosolutions, Inc. (Summit) (1995). In January 1984, before CHS acquired the CHS Property, a diesel fuel spill occurred resulting from a tank overflow. The location of the tank was not identified in the documents reviewed by Farallon for the RI. Although the spill reportedly was cleaned up, the extent and subsurface impacts of the spill are unknown. On May 25, 1994, a leak from a below-grade pipe was discovered when fuel was observed leaking from a crack in the concrete pad between the ASTs and the overhead fueling rack. CHS personnel reported that when the pipe was exposed, it appeared to have a "pinhole-sized leak." After the pipe was replaced, approximately 45 cubic yards of soil reportedly was removed from the affected area by CHS personnel. Based on visual observations and the soil type (permeable sand and gravel), the depth of petroleum hydrocarbon impacts in soil appeared to exceed the depth of the excavation (Summit 1995). Ecology has no record of being involved in either of the aforementioned spill events or cleanup.

Based on the observation of near-surface contamination during excavation of the bulk fuel storage area in 1998, leaks from underground piping, USTs, the oil-water separator, and possibly ASTs in this area may have been the primary sources of petroleum hydrocarbon contamination to soil and/or groundwater at the Site. A dry well found within the containment in the bulk fuel storage area during closure activities in 1998 also may have acted as a conduit for surface releases to impact subsurface soil and groundwater. Significant impacts to soil were observed in the bulk fuel storage area at depths extending to the water table during excavation of the bulk fuel storage area. However, with the exception of the piping leak at the fueling rack, Farallon did not locate any references to or mention of direct observation of leaking ASTs or piping in the Site documents reviewed for the RI.

The excavation of over 8,000 tons of petroleum-contaminated soil from the former AST area in 1998 was effective in mitigating the primary source(s) of contamination affecting groundwater at the CHS Property. The current extent of petroleum hydrocarbon-contaminated groundwater at the Site appears to be associated with residual concentrations of petroleum hydrocarbons and BTEX constituents that exist in smear zone soil found at depths that correspond to the range of historical groundwater elevation fluctuations. The petroleum hydrocarbon smear zone appears to be approximately 5 to 10 feet in thickness. No significant concentrations of petroleum hydrocarbons or BTEX constituents were detected in vadose zone soil during the Site-wide RI or Supplemental RI sampling activities conducted in 2007 and 2008. The field-screening and analytical evidence of petroleum hydrocarbon impacts to soil observed in the 2007 and 2008 investigations was noted in soil samples collected below 15 feet bgs and appear to be related to the petroleum hydrocarbon smear zone that has developed within the range of groundwater elevation fluctuations at the Site.

GRO, DRO, ORO, or BTEX constituents were not detected at concentrations exceeding MTCA Method A groundwater cleanup levels in groundwater samples collected from monitoring wells installed on or cross-gradient of the CHS Property during the RI or Supplemental RI, with the exception of a single exceedance for both DRO and ORO detected in a sample collected from monitoring well HMW-13. Recent and historical soil and groundwater data suggest that the

residual source of petroleum hydrocarbon constituents leaching to groundwater is soil in the smear zone in the areas down-gradient of the CHS Property on the northern and northeastern periphery of the Thai Restaurant property and the north-adjacent WSIADA property, likely extending beneath Auburn Way South to the area of monitoring well CMW-12 (Figures 4 through 6).

### **3.3 KNOWN OR POTENTIAL ROUTES OF MIGRATION**

The known or potential routes for contaminant migration at the Site include leaching from smear zone soil to groundwater and lateral and vertical transport in groundwater. Soil above 15 feet bgs is not likely contributing petroleum hydrocarbon constituents via leaching to groundwater. This is due to the lower depth of the water table (approximately 19 to 29 feet below ground surface) and the lack of any significant source of petroleum hydrocarbons in the vadose zone above 15 feet bgs due to the remedial excavations of the source area at the CHS Property. Also, groundwater analytical results at the location on the CHS Property where a small area of residual petroleum-contaminated soil remains show that there is no groundwater contamination at concentrations exceeding the laboratory reporting limits and thus does not indicate an ongoing source for groundwater contamination (Farallon, 2009). Subslab soil gas sampling conducted at the WSIADA building in 2012 in the area of the Site with the highest concentrations of BTEX constituents in groundwater at the time indicated that the concentrations of BTEX constituents in soil gas beneath the building did not pose an unacceptable risk to human health via the vapor intrusion pathway

### **3.4 KNOWN OR SUSPECTED HUMAN OR ECOLOGICAL RECEPTORS**

Shallow groundwater is not used as a drinking water resource and does not discharge to surface water in the vicinity of the Site. The current area of soil containing concentrations of COCs exceeding MTCA Method A cleanup levels is in the smear zone at depths typically greater than 20 feet bgs. As a result, exposure from direct contact with impacted soil is unlikely. Some petroleum hydrocarbon impacts to soil at depths above the smear zone may still exist at the east and west perimeter of the October 1998 excavation at the bulk fuel loading and storage area, where logistical constraints and safety concerns regarding the presence of the retail store structure on the CHS Property and the adjacent road limited the extent of contaminated soil removal (Figure 8). These limitations still exist, as the road, C Street Southeast, and the CHS building are still present. DRO was detected at a concentration exceeding the MTCA Method A cleanup level in a single soil sample collected at a depth of less than 15 feet bgs during the closure of former heating oil UST H-1 on the CHS Property in 1998. Workers excavating soil near the limits of the 1998 excavation or former location of heating oil UST H-1 could be exposed to COCs in soil. However, current concentrations of COCs in soil above 15 feet bgs in these two areas are not known because the soil samples containing concentrations exceeding MTCA Method A cleanup levels were collected in 1998. Potential exposure to ecological receptors likely is minimal due to the depth to impacts relative to the biologically active soil zone of 6 feet bgs and the fact that the substantial majority of the Site is paved.



## **4.0 CLEANUP ACTION OBJECTIVES AND CLEANUP STANDARDS**

The following sections present the cleanup action objectives and cleanup standards for the cleanup action at the Site.

### **4.1 CLEANUP ACTION OBJECTIVES**

Cleanup action objectives address the primary goals that a remedial action should achieve to be retained for further evaluation for the FS. The cleanup action objective for the Site is to remediate contaminated soil and groundwater that pose a potential threat to human health and the environment, in a timely and cost-effective manner. The Site-specific goals for remediation of contaminated soil and groundwater include:

- Reduce concentrations of COCs in groundwater to below MTCA Method A cleanup levels to the extent practicable at the established point of compliance for groundwater within a reasonable restoration time frame; and
- Mitigate the potential for direct contact exposure to COCs in soil present at depths of less than 15 feet bgs.

### **4.2 CLEANUP STANDARDS**

Cleanup standards consist of the cleanup levels, points of compliance, and other regulatory requirements that apply to a site. The cleanup standards for the Site are presented below.

#### **4.2.1 Cleanup Levels**

A cleanup level is defined by MTCA as the “concentration of a hazardous substance in soil, water, air, or sediment that is determined to be protective of human health and the environment under specified exposure conditions.” MTCA provides three methods for establishing cleanup levels. Under MTCA Method A, cleanup levels are set at concentrations that are at least as stringent as those specified in Tables 720-1, 740-1, and 745-1 of WAC 173-340-900 and in applicable state and federal laws. MTCA Method A is applicable to sites that may involve a relatively routine cleanup action or few hazardous substances. MTCA Method B provides for determination of cleanup levels for all media and sites as standard and modified site-specific cleanup levels. MTCA Method C applies to sites where compliance with MTCA Method A or B cleanup levels may be technically impractical or may cause greater environmental harm. Under MTCA Methods B and C, cleanup levels are established with consideration of applicable local, state, and federal laws, and with use of the risk equations and in consideration of other requirements specified in WAC 173-340-720 through 173-340-760.

MTCA Method A cleanup levels for unrestricted land uses are appropriate for the Site because there are few hazardous substances, and the selected cleanup action is routine in nature.

The MTCA Method A cleanup levels for COCs in soil are:

- GRO—30 milligrams per kilogram (mg/kg);

- DRO—2,000 mg/kg;
- ORO—2,000 mg/kg;
- Benzene—0.03 mg/kg;
- Toluene—7 mg/kg;
- Ethylbenzene—6 mg/kg; and
- Xylenes—9 mg/kg.

Although the MTCA Method A cleanup level for ORO for soil is provided above for reference, ORO has not been detected at concentrations exceeding this cleanup level in any soil samples collected at the Site. ORO occasionally has been detected in groundwater samples, typically associated with higher concentrations of DRO.

The MTCA Method A cleanup levels for COCs in groundwater are:

- GRO—800 micrograms per liter ( $\mu\text{g/l}$ );
- DRO—500  $\mu\text{g/l}$ ;
- ORO—500  $\mu\text{g/l}$ ;
- Benzene—5  $\mu\text{g/l}$ ;
- Toluene—1,000  $\mu\text{g/l}$ ;
- Ethylbenzene—700  $\mu\text{g/l}$ ; and
- Xylenes—1,000  $\mu\text{g/l}$ .

#### **4.2.2 Points of Compliance**

Point(s) of compliance, as defined in WAC 173-340-200, means the point(s) where cleanup levels established in accordance with WAC 173-340-720 through 173-340-760 will be attained. Points of compliance have been established for soil at the Site for the following pathways:

- Human exposure via direct contact with soil; and
- Protection of groundwater.

For protection of direct human contact with soil, the point of compliance will be soil throughout the Site from the ground surface to 15 feet bgs. This represents a reasonable estimate of the depth of soil that could be excavated and distributed at the soil surface as a result of Site development activities in accordance with WAC 173-340-740(6)(d). For protection of groundwater, the point of compliance for soil will be soil throughout the Site from the surface to the depth of the water table.

For groundwater, the point of compliance will be established throughout the Site from the uppermost level of the saturated zone extending vertically to the lowest depth that could potentially be affected by the Site.

### **4.2.3 Applicable or Relevant and Appropriate Requirements**

Legally applicable requirements, defined in WAC 173-340-710(3), “include those cleanup standards, standards of control, and other environmental protection requirements, criteria, or limitations adopted under state or federal law that specifically address a hazardous substance, cleanup action, location or other circumstances at the site.” Relevant and appropriate requirements, as defined in WAC 173-340-710(4), “include those cleanup standards, standards of control, and other environmental requirements, criteria, or limitations established under state or federal law that, while not legally applicable to the hazardous substance, cleanup action, location, or other circumstance at a site, address problems or situations sufficiently similar to those encountered at the site that their use is well suited to the particular site.” The legally applicable or relevant and appropriate requirements for the cleanup action at the Site are provided in Table 2. Pursuant to RCW 70.105D.090, remedial actions conducted under a consent decree, order, or agreed order, and the department when it conducts a remedial action are exempt from the procedural requirements of certain laws. Ecology must ensure compliance with substantive requirements and provide an opportunity for comment by the public and by the state agencies and local governments that would otherwise implement these laws. WAC 173-340-710(9)(d). Permits and approvals and any substantive requirements for exempted permits required to implement the cleanup action will be identified and, where possible, resolved before or during the design phase to avoid delays during construction and implementation of the cleanup action.

## **5.0 CLEANUP ACTION ALTERNATIVES EVALUATION**

As part of the FS, Farallon evaluated cleanup action alternatives for the Site with respect to the cleanup requirements set forth in MTCA. Groundwater and soil cleanup action alternatives were evaluated separately. The FS considered the requirements under WAC 173-340-350, Site-specific conditions, and the criteria defined in WAC 173-340-360 for the screening of potentially feasible cleanup action alternatives for the Site.

The Site will be cleaned up in accordance with the following minimum threshold and other requirements under MTCA WAC 173-340-360(2), including:

- Compliance with Cleanup Standards.
- Compliance with Applicable State and Federal Laws.
- Protect Human Health and the Environment.
- Provide for Compliance Monitoring.
- Use Permanent Solutions to the Maximum Extent Practicable.
- Provide for a Reasonable Restoration Time Frame.
- Consider Public Concerns.

### **5.1 GROUNDWATER CLEANUP ACTION ALTERNATIVES**

Based on the Site-specific conditions described above as derived from the RI for the Site, the results of completed and ongoing interim cleanup actions, and previous pilot testing, three cleanup action alternatives for groundwater were retained for further consideration in the FS. These cleanup action alternatives were:

- Alternative 1—Monitored Natural Attenuation;
- Alternative 2—Enhanced Air Sparging with Targeted Soil Vapor Extraction; and
- Alternative 3—In-Situ Chemical Oxidation and Enhanced Bioremediation.

Each of the groundwater cleanup action alternatives retained for evaluation for the Site satisfies the threshold and other minimum requirements for cleanup actions as specified in WAC 173-340-360(2). Each cleanup action alternative for groundwater retained for evaluation is discussed below.

#### **5.1.1 Groundwater Cleanup Alternative 1—Monitored Natural Attenuation**

Groundwater cleanup Alternative 1 consists of monitored natural attenuation of contaminants in smear zone soil and groundwater. For this alternative, operation of the existing AS/SVE systems at the Site would be terminated to allow for interpretation of the data independent of the influence of the systems.

### **5.1.2 Groundwater Cleanup Alternative 2—Enhanced Air Sparging with Targeted Soil Vapor Extraction**

Groundwater cleanup Alternative 2 consists of installation of additional AS wells on the WSIADA and Thai Restaurant properties south of the intersection of 7<sup>th</sup> Street Southeast and Auburn Way South, and along the southwest side of the Auburn Way South right-of-way. The AS wells would be spaced closer than the existing AS wells in the area to ensure overlapping areas of influence. A line of several AS wells along Auburn Way South would be installed using angle drilling methods, as feasible, so the well screens will be located beneath the roadway to facilitate remediation of groundwater and smear zone soil in the down-gradient direction of groundwater flow. Several SVE wells would be installed on the WSIADA property to collect volatile contaminant vapors and mitigate additional risk for vapor intrusion into the WSIADA building as a result of the AS activities.

### **5.1.3 Groundwater Cleanup Alternative 3—In-Situ Chemical Oxidation and Enhanced Bioremediation**

Groundwater cleanup Alternative 3 consists of in-situ chemical injection of oxidizing compounds to promote the breakdown of contaminants in smear zone soil and groundwater, followed by injection of oxygen-releasing compounds designed to accelerate natural attenuation of petroleum hydrocarbon constituents by promoting biodegradation by naturally occurring microorganisms. This alternative likely would require installation of reusable injection points because the gravelly soil present would preclude use of direct-push drilling methods, which typically are used for in-situ chemical injection applications. Selection of the chemical reagents for the injection would be accomplished following review of results obtained during bench-testing using Site groundwater.

### **5.1.4 Other Groundwater Cleanup Activities**

This section presents an overview of the other activities common to each of the cleanup alternatives that will need to be conducted during the cleanup action.

#### **5.1.4.1 Groundwater Monitoring and Reporting**

Groundwater performance and confirmation monitoring and reporting will be required to evaluate the effectiveness of each of the cleanup alternatives evaluated.

#### **5.1.4.2 Decommissioning of Non-Essential AS/SVE and Monitoring Wells**

Decommissioning of non-essential AS/SVE and monitoring wells would be conducted as part of each of the cleanup alternatives considered. A list of non-essential AS/SVE and monitoring wells for decommissioning will be developed along with the cleanup action monitoring requirements through discussion with Ecology following final selection of the Site cleanup alternatives.

## **5.2 SOIL CLEANUP ACTION ALTERNATIVES**

Key considerations for selecting soil cleanup action alternatives for further evaluation in the FS were the location of contaminated near surface soil, and groundwater quality in and down-gradient

of these areas. The only known areas of the Site where soil at depths of less than 15 feet bgs has been documented to contain concentrations of COCs exceeding MTCA Method A cleanup levels for unrestricted land use are on the east and west sides of the 1998 excavation at the former bulk fuel storage area, and an isolated area near former heating oil UST H-1, both of which are on the CHS Auburn Facility (Figure 8). It has not been determined whether the area on the east side of the 1998 excavation where COC concentrations exceed MTCA Method A cleanup levels extends to the C Street Southeast right-of-way, which includes the sidewalk adjacent to the former bulk fuel storage area. Although the degree of attenuation of COCs in soil in these limited areas is unknown, groundwater analytical results for samples collected from monitoring wells located down-gradient of these areas have demonstrated that the residual concentrations of COCs in shallow soil are protective of the migration to groundwater exposure pathway. Therefore, the primary risk that the COCs in soil above 15 feet bgs pose is for the direct contact human health exposure pathway. Based on these considerations and the type of residual contamination, which is primarily weathered DRO with lesser concentrations of GRO, two cleanup action alternatives for soil were retained for further consideration further in the FS. These soil cleanup action alternatives are:

- Alternative 1—Institutional Controls; and
- Alternative 2—Excavation and Off-Site Disposal of Soil.

Each of the cleanup alternatives for soil retained for evaluation for the Site satisfies the threshold and other minimum requirements for cleanup actions, as specified in WAC 173-340-360(2). The cleanup alternatives for soil retained for evaluation are discussed below.

### **5.2.1 Soil Cleanup Alternative 1—Institutional Controls**

WAC 173-340-440 describes institutional controls as “measures undertaken to limit or prohibit activities that may interfere with the integrity of an interim action or cleanup action or that may result in exposure to hazardous substances at a site.” Soil cleanup Alternative 1 would require the recording of environmental covenants on properties within the Site where soil at depths of less than 15 feet bgs contains concentrations of COCs exceeding MTCA cleanup levels. These areas include the east and west perimeter of the 1998 excavation at the bulk fuel storage area, and the former location of heating oil Tank H-1, which was removed from the CHS Property in 1998 (Figure 8).

The requirements of the environmental covenants would apply to only those defined areas of the properties where concentrations of COCs exceed MTCA Method A cleanup levels. Among other things, the environmental covenants would regulate subsurface activities, would require notice to and approval by Ecology if soil in these areas was disturbed, and likely would require maintenance of existing asphalt and concrete surfaces.

WAC 173-340-360(2)(e)(iii) notes “cleanup actions shall not rely primarily on institutional controls and monitoring where it is technically possible to implement a more permanent cleanup action for all or a portion of the site.” The overall cleanup action for soil and groundwater relies primarily on permanent cleanup actions and includes institutional controls only as a secondary component. The soil cleanup action already included excavation of more than 8,100 tons of

petroleum-contaminated soil from the likely source at the bulk fuel storage area in 1998. Residual soil contamination at the Site is limited in volume and technically impracticable to access. Taking into account these previous permanent remedial actions, the overall cleanup using enhanced AS with targeted SVE is a permanent action that remediates the plume and the remaining source of petroleum hydrocarbon leaching at the site (Figure 9) through in situ contaminant removal and treatment. The groundwater plume may also be permanently remediated by destroying contaminants through biodegradation processes demonstrated by monitored natural attenuation protocols following completion of enhanced AS activities. The institutional controls alternative for soil is not a stand-alone alternative, but a follow-up measure to support the integrity of benefits resulting from the previously conducted cleanup action for soil, and will be undertaken in addition to the active groundwater cleanup activities.

### **5.2.2 Soil Cleanup Alternative 2—Excavation and Off-Site Disposal**

Soil cleanup Alternative 2 would involve excavation of soil from those areas of the Site where soil at depths of less than 15 feet bgs contains concentrations of COCs exceeding MTCA Method A cleanup levels. These areas include the east and west perimeter of the 1998 excavation at the bulk fuel storage area, and the location of former heating oil Tank H-1. The excavation areas adjacent to C Street Southeast and the CHS Auburn convenience store on the east and west perimeters of the 1998 excavation at the bulk fuel storage area would require shoring due to the proximity to the C Street Southeast roadway, buried utilities, and the CHS store structure. An investigation likely would need to be conducted before the engineering design for the excavation was developed, to fully delineate the extent of soil contamination at depths of less than 15 feet bgs relative to buried utilities, the roadway, and the CHS Auburn store structure.

## **6.0 PREFERRED CLEANUP ALTERNATIVES**

Disproportionate cost analyses for the cleanup alternatives for groundwater and soil were conducted in the August 6, 2014 Feasibility Study (see Sections 6 and 7, respectively). They were done in accordance with WAC 173-340-360(3)(e) to determine whether the cleanup action alternatives for groundwater and soil provided permanent solutions to the maximum extent practicable. To perform the disproportionate cost analyses, Farallon assigned values and weighting factors to each evaluation criterion defined in WAC 173-340-360(3)(f) to determine the overall MTCA benefit rankings. The protectiveness criterion received the highest weighting factor, followed by permanence and effectiveness over the long term, with the remaining criteria receiving the lowest weighting factors. For the disproportionate cost analysis for the soil cleanup action alternatives, the cost per MTCA benefit determined for soil cleanup Alternative 2 was nearly 15 times greater than the cost per MTCA benefit ratio for soil cleanup Alternative 1 and therefore is disproportionate in cost relative to the incremental benefits gained from soil cleanup Alternative 2 over Alternative 1.

Groundwater cleanup Alternative 2, enhanced AS with targeted SVE, was selected as the preferred cleanup alternative for groundwater at the Site. Soil cleanup Alternative 1, institutional controls, was selected as the preferred cleanup alternative for soil at the Site. Additional discussion of the preferred alternatives and MTCA cleanup selection criteria are provided below for both media.

### **6.1 DESCRIPTION OF SELECTED CLEANUP ALTERNATIVE FOR GROUNDWATER**

The selected cleanup alternative for groundwater consists of installation of additional AS wells on the WSIADA and Thai Restaurant properties south of the intersection of 7<sup>th</sup> Street Southeast and Auburn Way South and along the southwest side of the Auburn Way South right-of-way. AS and SVE operations at the Site have greatly reduced concentrations of COCs in groundwater and the size of the groundwater plume where COC concentrations exceed MTCA Method A cleanup levels (Figures 4 through 6). It is anticipated that expansion of the AS/SVE system will further reduce concentrations of COCs in areas down-gradient that are beyond the area of influence of the current AS wells.

The additional AS wells would be spaced closer than existing AS wells on the Site to ensure overlapping areas of influence from each AS well, and would target treatment of groundwater in the area of monitoring wells CMW-10 and CMW-27, extending to the area of monitoring well CMW-12. Several SVE wells would be installed on the WSIADA property for collection of volatile organic compound vapors and mitigation of potential risk of vapor intrusion into the WSIADA building as a result of AS activities. Operation of the SVE wells will not only control vapors during AS operations, but also reduce concentrations of volatile petroleum hydrocarbon constituents in smear zone soil. A line of AS wells would be installed using angle-drilling methods, as feasible, to position the well screens beneath Auburn Way South to facilitate remediation of groundwater and smear zone soil under the roadway. Select existing AS wells also would be used for sparging as part of the cleanup alternative. A conceptual plan of the additional



AS and SVE wells is provided on Figure 9. The final design will be included in the Engineering Design Report that will be prepared after completion of the Cleanup Action Plan.

Air sparging should reduce the mass and concentrations of volatile COCs in groundwater faster and more effectively than less-volatile petroleum hydrocarbons such as DRO. An evaluation of potential modifications to the operating mode of the treatment system would be undertaken after 2 to 3 years of operation if the reconfigured AS/SVE system demonstrably reduces COC concentrations but does not achieve the cleanup levels for groundwater. At that point, COC concentrations in groundwater, contaminant removal mass and rates, SVE performance data, and groundwater geochemical parameters would be reviewed to determine whether a reduced air flow enhanced bioaugmentation operational mode or monitored natural attenuation would be effective in achieving cleanup standards in a reasonable restoration time frame.

A natural attenuation study likely would require shutdown of the AS system for four consecutive quarters of groundwater monitoring in accordance with Ecology guidance for performing monitored natural attenuation studies. Assuming that GRO and BTEX concentrations will be lower than pre-cleanup concentrations after 1 or more years of AS/SVE system operation, the potential for exposure via vapor intrusion into nearby buildings should not be a concern with the SVE system off during the natural attenuation evaluation. The results from the subslab soil gas sampling conducted at the WSIADA building in 2012 in the area of the Site with the highest concentrations of BTEX constituents in groundwater at the time indicated that the concentrations of BTEX constituents in soil gas beneath the building did not pose an unacceptable risk for human health via the vapor intrusion pathway.

Given the projected restoration time frame of 3 to 5 years for cleanup of groundwater at the Site, additional institutional controls for groundwater should not be necessary. If concentrations of GRO and BTEX constituents in groundwater are effectively reduced to less than Site cleanup levels but residual DRO concentrations do not show reductions demonstrating that a reasonable restoration time frame (e.g., 5 years) can be achieved, it may be necessary to implement an institutional control in the form of an environmental covenant(s) to restrict groundwater use in the area of the Site where DRO concentrations in groundwater exceed cleanup levels.

There currently is a Restrictive Covenant that was recorded in November 1996 on Parcel Nos. 1821059324 and 1821059166, depicted on Figure 3 as Firehouse Square West and Firehouse Square East, respectively. The Restrictive Covenant prohibits withdrawal of groundwater from the properties, prohibits activities that may interfere with cleanup actions, requires notice to Ecology if the property owner intends to convey its interest in the property, and requires notice and approval by Ecology of any proposal to use the property in a manner inconsistent with the Restrictive Covenant.

## **6.2 DESCRIPTION OF PREFERRED CLEANUP ALTERNATIVE FOR SOIL**

The preferred cleanup alternative for soil would use institutional controls to protect human health and the environment. This alternative is a follow up to the previous permanent cleanup actions conducted at the Site and requires recording environmental covenants on properties within the Site in areas where soil at depths of less than 15 feet bgs contains concentrations of COCs exceeding

MTCA cleanup levels. These areas include the east and west perimeters of the 1998 excavation at the bulk fuel storage area and at the former location of heating oil Tank H-1, which was removed in 1998 (Figure 8). Groundwater analytical results for samples collected from monitoring wells located down-gradient of these areas have demonstrated that the residual concentrations of COCs in shallow soil are protective of the migration to groundwater exposure pathway. Therefore, the primary risk that the COCs in soil above 15 feet bgs pose is for the direct contact human health exposure pathway.

The requirements of the environmental covenants would apply to only those defined areas of the properties where concentrations of COCs exceed MTCA Method A cleanup levels. Among other things, the environmental covenants will restrict activities below ground surface, require notice to and approval by Ecology if soil in these areas was disturbed, and require maintenance of existing asphalt and concrete surfaces.

The environmental covenants will describe procedures to be followed during any future excavation activities that could result in worker exposure or the transfer of contaminated subsurface soil to the surface. The procedures will include worker health and safety training requirements and contaminated soil management protocols. Final requirements for the environmental covenants will be negotiated by Ecology, CHS, and the City of Auburn.

### **6.3 PERFORMANCE MONITORING**

Following approval of the DCAP and preparation of the final version of the Cleanup Action Plan, a detailed groundwater monitoring plan will be developed for the Site. A summary of the anticipated groundwater monitoring program is provided below.

It is anticipated that the groundwater monitoring program will be based on the current semiannual groundwater monitoring approach. For the first four quarters following completion of the installation of new AS and SVE wells and system start-up, groundwater monitoring would be conducted on a quarterly basis and would include sampling and monitoring of monitoring wells CMW-2, CMW-8, CMW-10, CMW-12, CMW-13, CMW-25 through CMW-29, CMW-31, HMW-9 through HMW-11, and HMW-13. The groundwater samples would be analyzed for DRO, GRO, ORO, and BTEX. Following the initial four quarters of monitoring, the sampling frequency would be modified to semiannual until either the cleanup levels are achieved or for an additional 4 years, whichever comes first. It is anticipated that the same monitoring wells would be sampled during the semiannual monitoring period as for the initial year of quarterly monitoring. A summary report would be prepared following each monitoring event presenting groundwater monitoring results and treatment system operational details. If groundwater cleanup levels are not achieved in 5 years, a 5-year summary monitoring report will be prepared that will include recommendations for modifications to the monitoring program and/or treatment system operation. An assessment of the viability of monitored natural attenuation likely would be conducted as part of the 5-year summary monitoring report.

In addition to the groundwater monitoring described above, performance of the AS and SVE systems will be monitored monthly. The monthly operation and maintenance activities will include measuring and adjusting air flows in the AS system and vacuum in the SVE system, and

conducting routine maintenance functions. Additional detail on the operation and maintenance activities will be provided in an Operation and Maintenance Plan that will be prepared following installation of the new components of the AS/SVE system.

#### **6.4 PERIODIC REVIEW**

It is anticipated that the Site will be entered into Ecology's Environmental Covenants Registry due to the implementation of land use regulation of subsurface activities in those areas of properties where anticipated environmental covenants will apply. Pursuant to MTCA, periodic reviews are conducted by Ecology at 5-year intervals for sites where institutional controls are required as part of the cleanup action (WAC 173-340-420(2)(a) and (3)). The purpose of the Periodic Review is to evaluate the effectiveness of ongoing or completed cleanup actions, including the effectiveness of engineered controls or institutional controls in limiting exposure to hazardous substances remaining at a site. Sites remain on the Environmental Covenants Registry as long as land use restrictions are required to protect human health and the environment.

## **7.0 SCHEDULE OF IMPLEMENTATION**

The preliminary schedule for implementation of the cleanup action is provided in Table 3. The final schedule of implementation and other administrative details for the cleanup action will be defined in a Consent Decree or a new Agreed Order between Ecology and CHS.

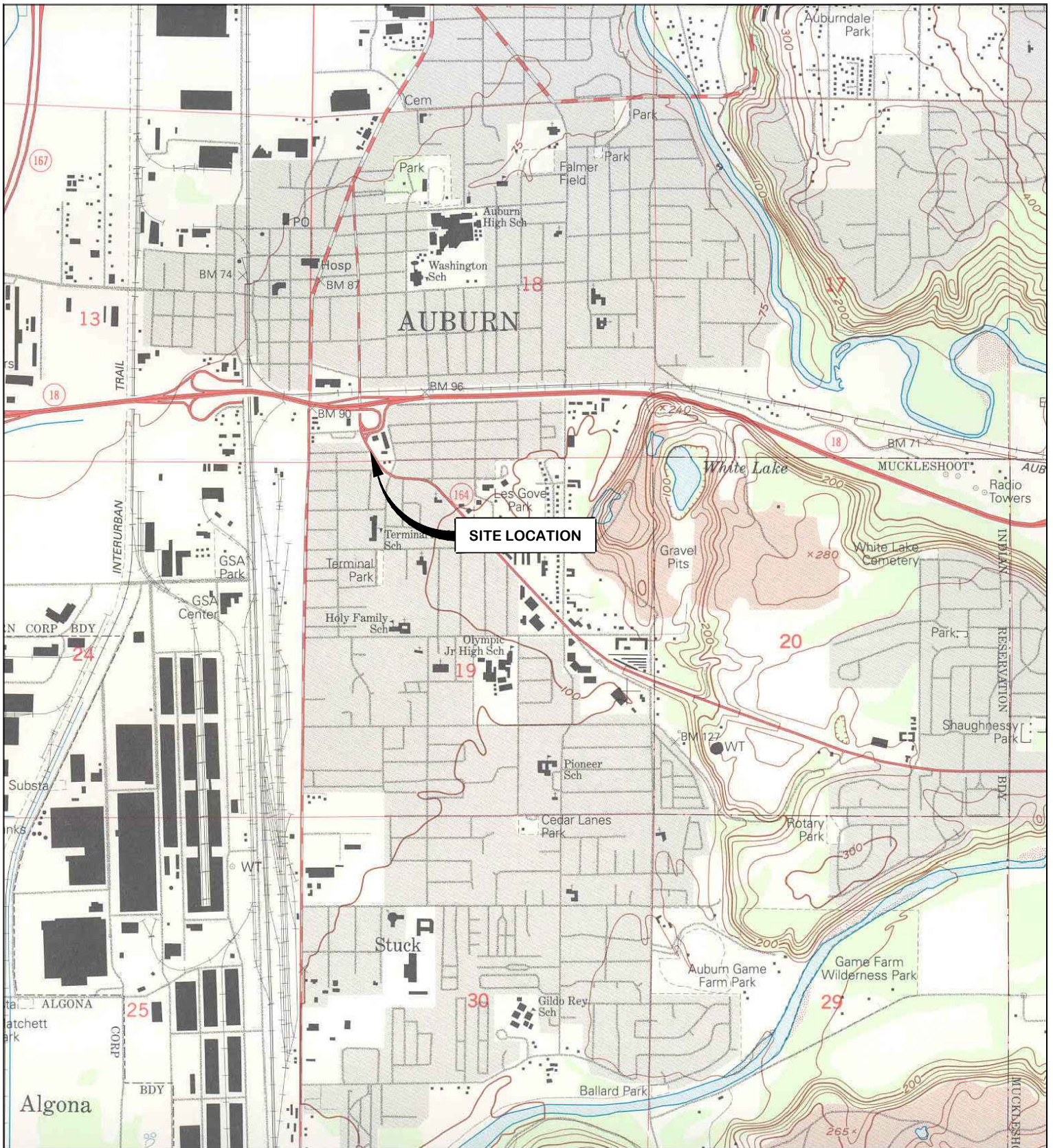
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**FIGURES**

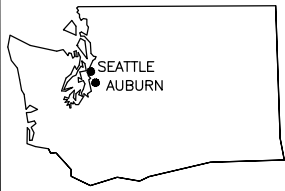
DRAFT CLEANUP ACTION PLAN  
CHS Auburn Site  
238 8<sup>th</sup> Street Southeast and Contiguous Areas  
Auburn, Washington





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

**DRAFT**



Washington  
Issaquah | Bellingham | Seattle

Oregon  
Portland | Bend

California  
Oakland | Sacramento | Irvine

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**FIGURE 1**  
SITE VICINITY MAP  
CHS AUBURN SITE  
AUBURN, WASHINGTON

Drawn By: DEW

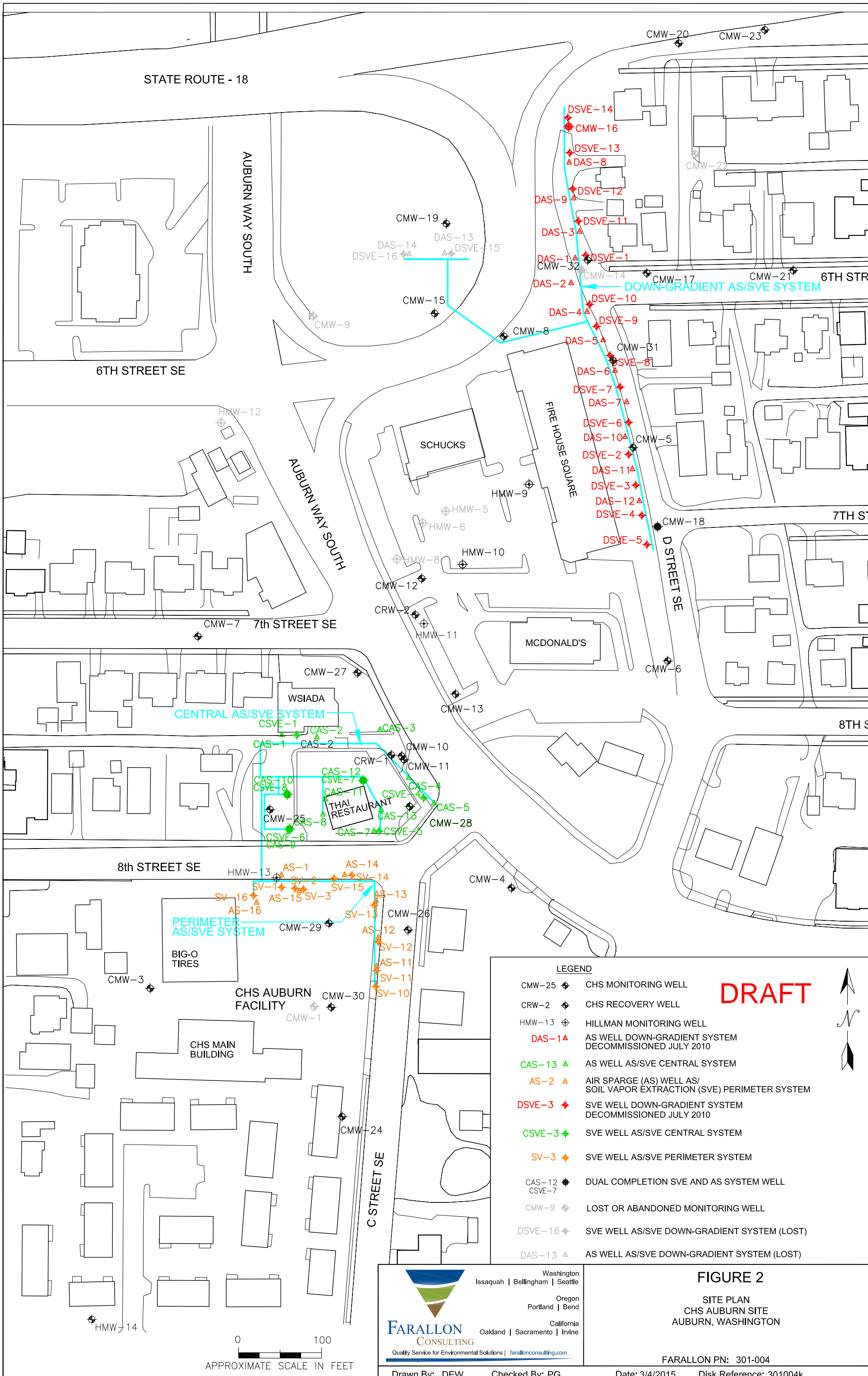
Checked By: PG

Date: 1/8/2015

Disk Reference: 301004b

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**LEGEND**

- CMW-25 CHS MONITORING WELL
- CRW-2 CHS RECOVERY WELL
- HMW-13 HILLMAN MONITORING WELL
- DAS-1 AS WELL DOWN-GRADIENT SYSTEM  
DECOMMISSIONED JULY 2010
- CAS-13 AS WELL AS/SVE CENTRAL SYSTEM
- AS-2 AIR SPARGE (AS) WELL AS/  
SOIL VAPOR EXTRACTION (SVE) PERIMETER SYSTEM
- DSVE-3 SVE WELL DOWN-GRADIENT SYSTEM  
DECOMMISSIONED JULY 2010
- CSVE-3 SVE WELL AS/SVE CENTRAL SYSTEM
- SV-3 SVE WELL AS/SVE PERIMETER SYSTEM
- CAS-12 / CSVE-7 DUAL COMPLETION SVE AND AS SYSTEM WELL
- CMW-9 LOST OR ABANDONED MONITORING WELL
- DSVE-16 SVE WELL AS/SVE DOWN-GRADIENT SYSTEM (LOST)
- DAS-13 AS WELL AS/SVE DOWN-GRADIENT SYSTEM (LOST)

Washington  
Issaquah | Bellingham | Seattle

Oregon  
Portland | Bend

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Oakland | Sacramento | Irvine

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**FIGURE 2**

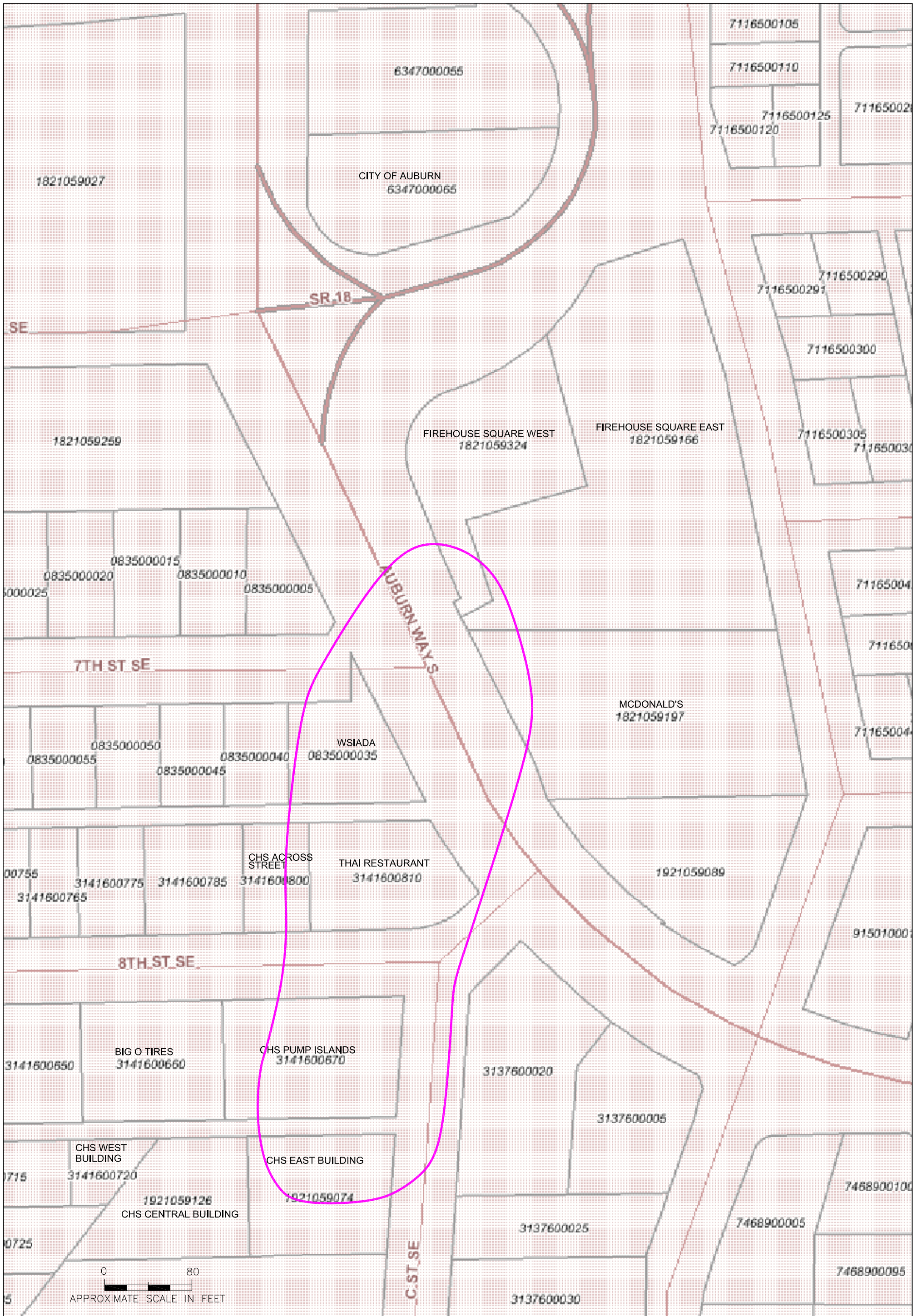
SITE PLAN  
CHS AUBURN SITE  
AUBURN, WASHINGTON

FARALLON PN: 301-004


Drawn By: DEW      Checked By: PG      Date: 3/4/2015      Disk Reference: 301004k







**LEGEND**

 APPROXIMATE EXTENT OF SITE BOUNDARY WHERE 2007 AND 2008 SOIL DATA OR 2008 THROUGH 2011 GROUNDWATER ANALYTICAL RESULTS EXCEEDED MTCA METHOD A CLEANUP LEVELS FOR CONSTITUENTS OF CONCERN

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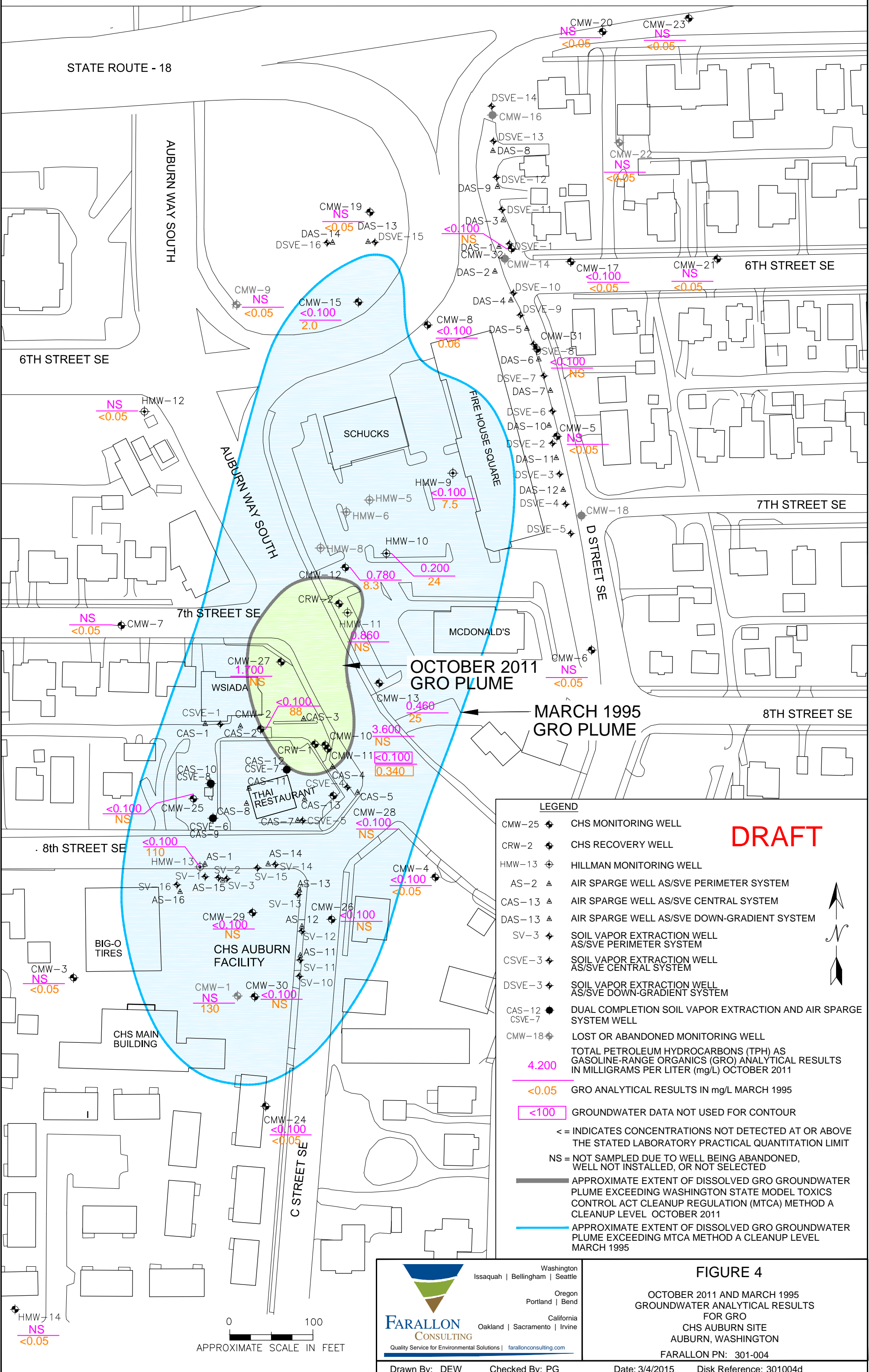
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**FIGURE 3**

PARCEL MAP  
CHS AUBURN SITE  
AUBURN, WASHINGTON

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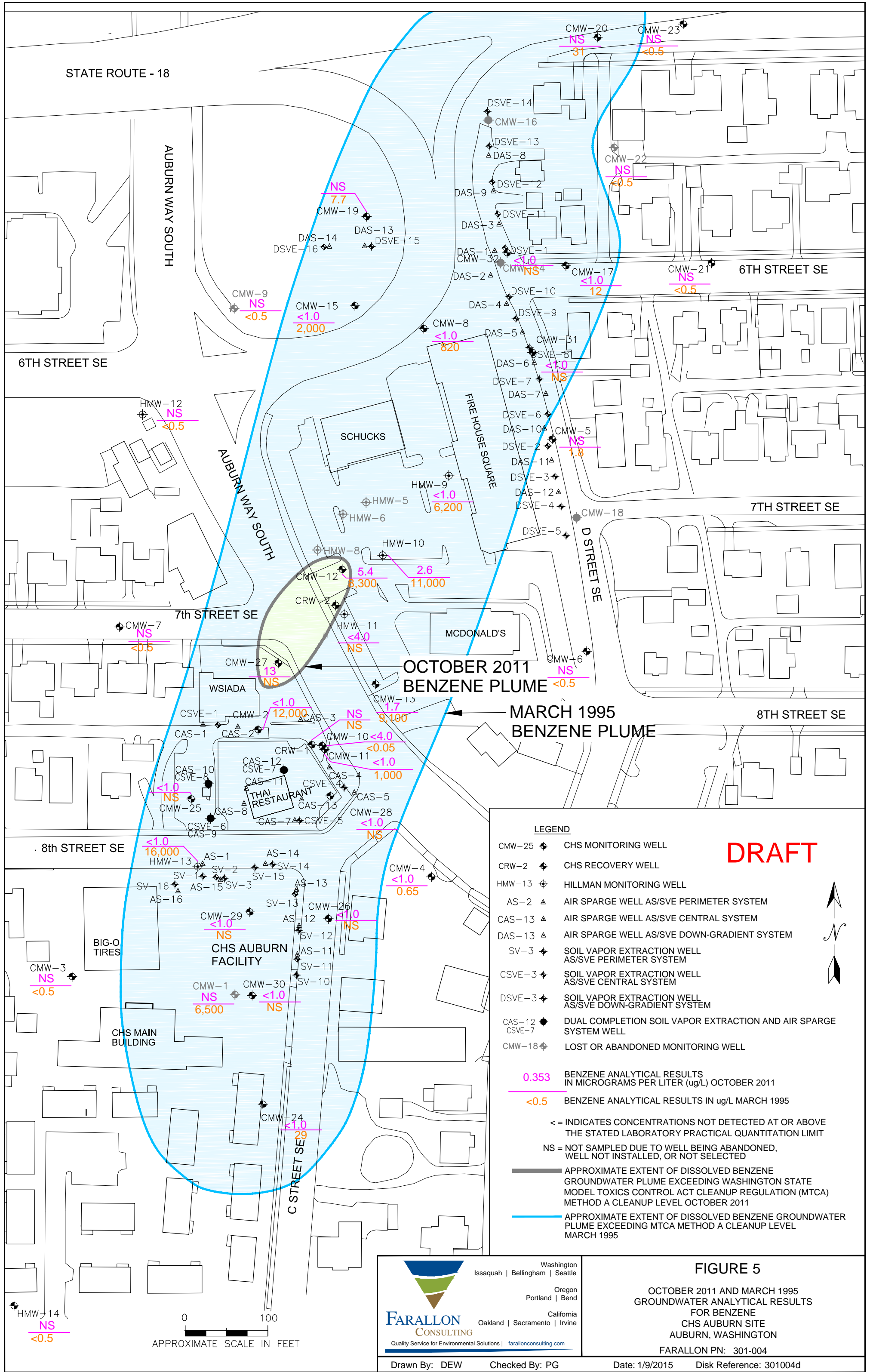


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LEGEND	
CMW-25	CHS MONITORING WELL
CRW-2	CHS RECOVERY WELL
HMW-13	HILLMAN MONITORING WELL
AS-2	AIR SPARGE WELL AS/SVE PERIMETER SYSTEM
CAS-13	AIR SPARGE WELL AS/SVE CENTRAL SYSTEM
DAS-13	AIR SPARGE WELL AS/SVE DOWN-GRADIENT SYSTEM
SV-3	SOIL VAPOR EXTRACTION WELL AS/SVE PERIMETER SYSTEM
CSVE-3	SOIL VAPOR EXTRACTION WELL AS/SVE CENTRAL SYSTEM
DSVE-3	SOIL VAPOR EXTRACTION WELL AS/SVE DOWN-GRADIENT SYSTEM
CAS-12 CSVE-7	DUAL COMPLETION SOIL VAPOR EXTRACTION AND AIR SPARGE SYSTEM WELL
CMW-18	LOST OR ABANDONED MONITORING WELL
4.200	TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE-RANGE ORGANICS (GRO) ANALYTICAL RESULTS IN MILLIGRAMS PER LITER (mg/L) OCTOBER 2011
<0.05	GRO ANALYTICAL RESULTS IN mg/L MARCH 1995
<100	GROUNDWATER DATA NOT USED FOR CONTOUR
<=	INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
NS	NOT SAMPLED DUE TO WELL BEING ABANDONED, WELL NOT INSTALLED, OR NOT SELECTED
(Blue outline)	APPROXIMATE EXTENT OF DISSOLVED GRO GROUNDWATER PLUME EXCEEDING WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVEL OCTOBER 2011
(Green outline)	APPROXIMATE EXTENT OF DISSOLVED GRO GROUNDWATER PLUME EXCEEDING MTCA METHOD A CLEANUP LEVEL MARCH 1995

  
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**FIGURE 4**  
 OCTOBER 2011 AND MARCH 1995  
 GROUNDWATER ANALYTICAL RESULTS  
 FOR GRO  
 CHS AUBURN SITE  
 AUBURN, WASHINGTON  
 FARALLON PN: 301-004



**OCTOBER 2011  
BENZENE PLUME**

**MARCH 1995  
BENZENE PLUME**

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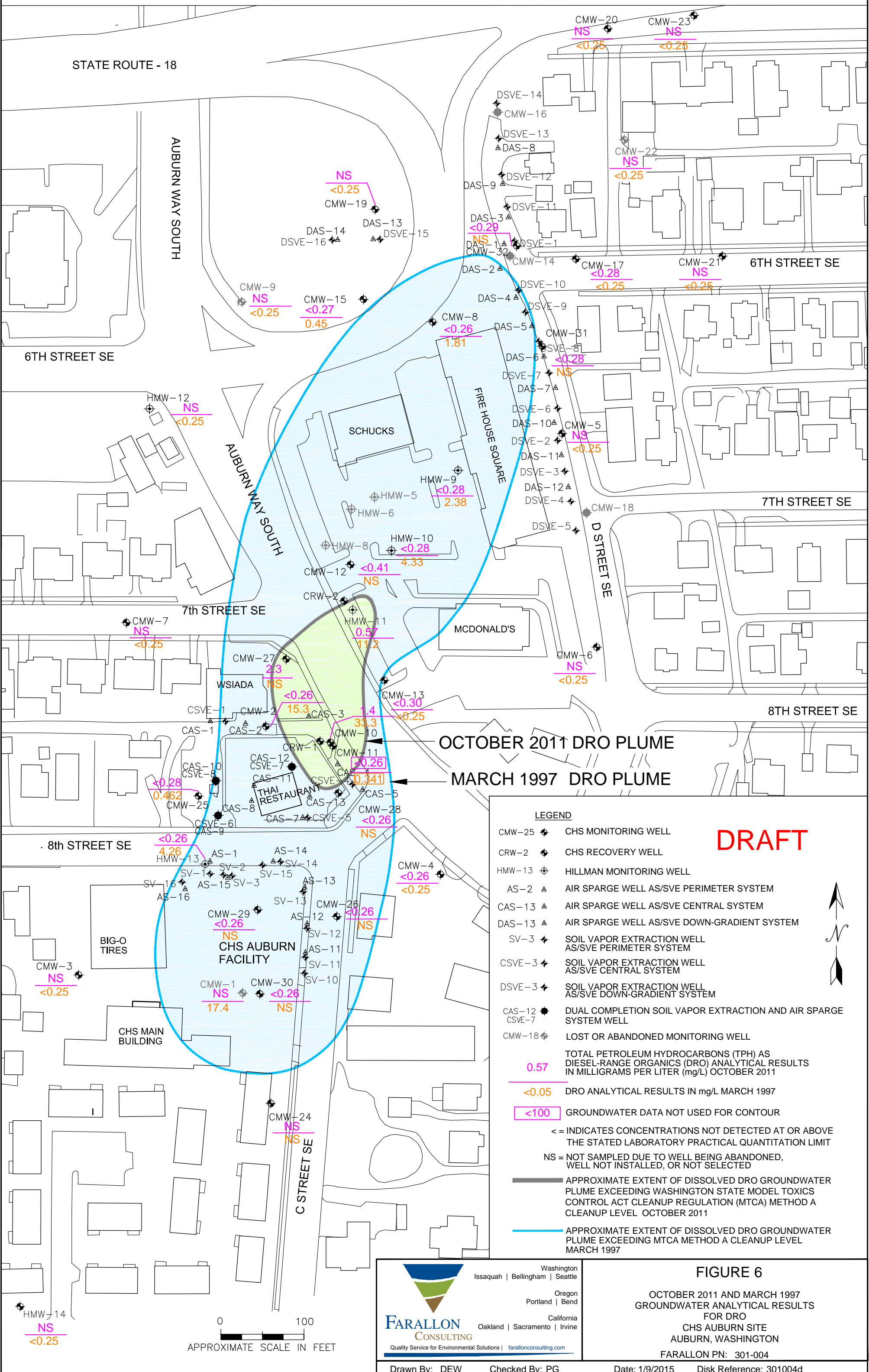
LEGEND	
CMW-25	CHS MONITORING WELL
CRW-2	CHS RECOVERY WELL
HMW-13	HILLMAN MONITORING WELL
AS-2	AIR SPARGE WELL AS/SVE PERIMETER SYSTEM
CAS-13	AIR SPARGE WELL AS/SVE CENTRAL SYSTEM
DAS-13	AIR SPARGE WELL AS/SVE DOWN-GRADIENT SYSTEM
SV-3	SOIL VAPOR EXTRACTION WELL AS/SVE PERIMETER SYSTEM
CSVE-3	SOIL VAPOR EXTRACTION WELL AS/SVE CENTRAL SYSTEM
DSVE-3	SOIL VAPOR EXTRACTION WELL AS/SVE DOWN-GRADIENT SYSTEM
CAS-12 CSVE-7	DUAL COMPLETION SOIL VAPOR EXTRACTION AND AIR SPARGE SYSTEM WELL
CMW-18	LOST OR ABANDONED MONITORING WELL
0.353	BENZENE ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L) OCTOBER 2011
<0.5	BENZENE ANALYTICAL RESULTS IN ug/L MARCH 1995
<=	INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
NS	NOT SAMPLED DUE TO WELL BEING ABANDONED, WELL NOT INSTALLED, OR NOT SELECTED
(Blue shaded area)	APPROXIMATE EXTENT OF DISSOLVED BENZENE GROUNDWATER PLUME EXCEEDING WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVEL OCTOBER 2011
(Pink shaded area)	APPROXIMATE EXTENT OF DISSOLVED BENZENE GROUNDWATER PLUME EXCEEDING MTCA METHOD A CLEANUP LEVEL MARCH 1995



**FIGURE 5**  
OCTOBER 2011 AND MARCH 1995  
GROUNDWATER ANALYTICAL RESULTS  
FOR BENZENE  
CHS AUBURN SITE  
AUBURN, WASHINGTON  
FARALLON PN: 301-004







OCTOBER 2011 DRO PLUME  
MARCH 1997 DRO PLUME

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- LEGEND**
- CMW-25 ◈ CHS MONITORING WELL
  - CRW-2 ◈ CHS RECOVERY WELL
  - HMW-13 ◈ HILLMAN MONITORING WELL
  - AS-2 ▲ AIR SPARGE WELL AS/SVE PERIMETER SYSTEM
  - CAS-13 ▲ AIR SPARGE WELL AS/SVE CENTRAL SYSTEM
  - DAS-13 ▲ AIR SPARGE WELL AS/SVE DOWN-GRADIENT SYSTEM
  - SV-3 ◈ SOIL VAPOR EXTRACTION WELL AS/SVE PERIMETER SYSTEM
  - CSVE-3 ◈ SOIL VAPOR EXTRACTION WELL AS/SVE CENTRAL SYSTEM
  - DSVE-3 ◈ SOIL VAPOR EXTRACTION WELL AS/SVE DOWN-GRADIENT SYSTEM
  - CAS-12 ● CSVE-7 ● DUAL COMPLETION SOIL VAPOR EXTRACTION AND AIR SPARGE SYSTEM WELL
  - CMW-18 ◈ LOST OR ABANDONED MONITORING WELL
- 0.57  
<0.05  
<100
- <= INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
- NS = NOT SAMPLED DUE TO WELL BEING ABANDONED, WELL NOT INSTALLED, OR NOT SELECTED
- APPROXIMATE EXTENT OF DISSOLVED DRO GROUNDWATER PLUME EXCEEDING WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVEL OCTOBER 2011
- APPROXIMATE EXTENT OF DISSOLVED DRO GROUNDWATER PLUME EXCEEDING MTCA METHOD A CLEANUP LEVEL MARCH 1997

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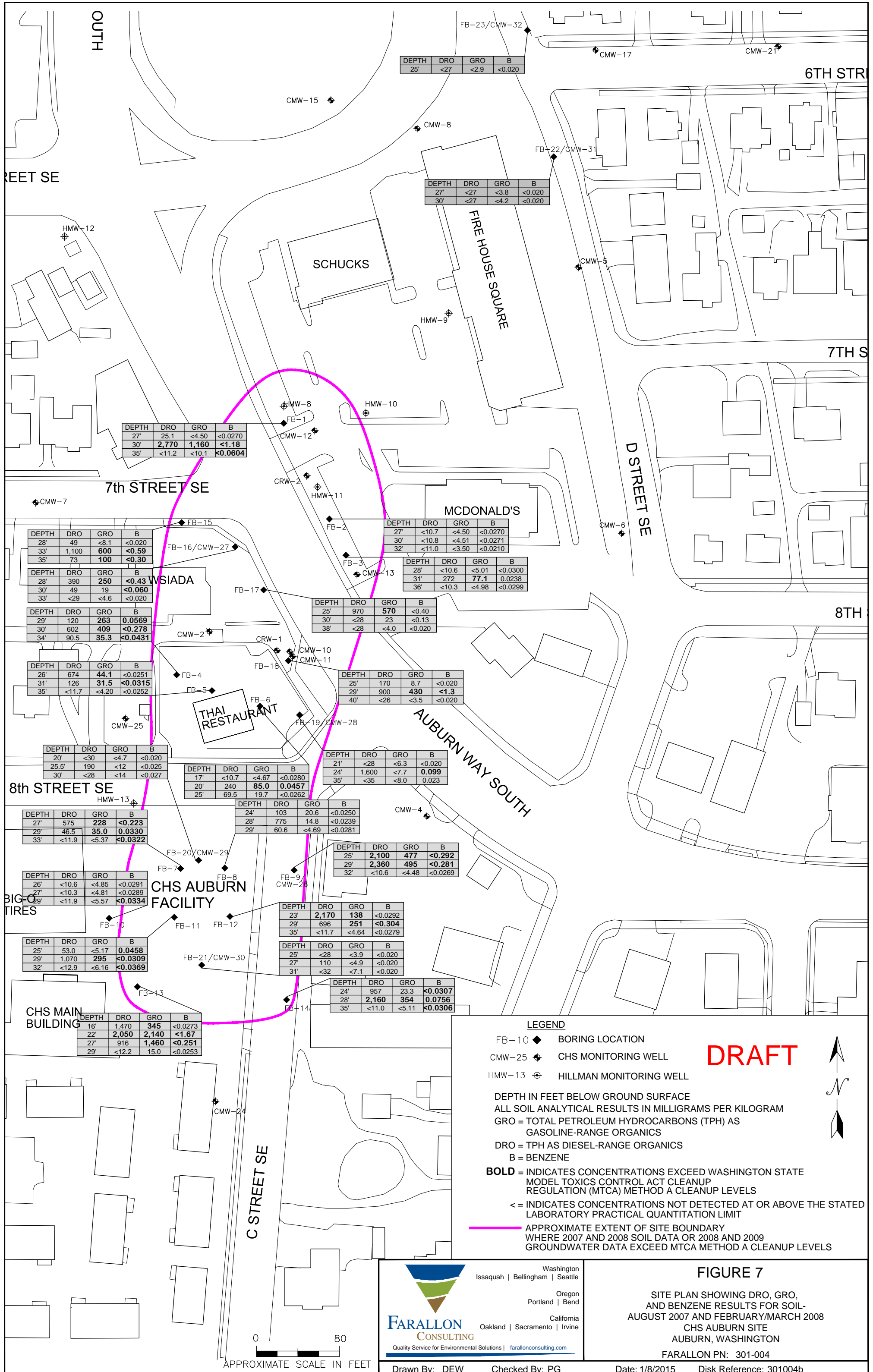
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**FIGURE 6**

OCTOBER 2011 AND MARCH 1997  
GROUNDWATER ANALYTICAL RESULTS  
FOR DRO  
CHS AUBURN SITE  
AUBURN, WASHINGTON

FARALLON PN: 301-004





DEPTH	DRO	GRO	B
25'	<27	<2.9	<0.020

DEPTH	DRO	GRO	B
27'	<27	<3.8	<0.020
30'	<27	<4.2	<0.020

DEPTH	DRO	GRO	B
27'	25.1	<4.50	<0.0270
30'	<b>2,770</b>	<b>1,160</b>	<b>&lt;1.18</b>
35'	<11.2	<10.1	<b>&lt;0.0604</b>

DEPTH	DRO	GRO	B
27'	<10.7	<4.50	<0.0270
30'	<10.8	<4.51	<0.0271
32'	<11.0	<3.50	<0.0210

DEPTH	DRO	GRO	B
28'	<10.6	<5.01	<0.0300
31'	272	<b>77.1</b>	0.0238
36'	<10.3	<4.98	<0.0299

DEPTH	DRO	GRO	B
25'	970	<b>570</b>	<0.40
30'	<28	23	<0.13
38'	<28	<4.0	<0.020

DEPTH	DRO	GRO	B
28'	49	<8.1	<0.020
33'	1,100	<b>600</b>	<b>&lt;0.59</b>
35'	73	<b>100</b>	<b>&lt;0.30</b>

DEPTH	DRO	GRO	B
28'	390	<b>250</b>	<b>&lt;0.43</b>
30'	49	19	<b>&lt;0.060</b>
33'	<29	<4.6	<0.020

DEPTH	DRO	GRO	B
29'	120	<b>263</b>	<b>0.0569</b>
30'	602	<b>409</b>	<b>&lt;0.278</b>
34'	90.5	<b>35.3</b>	<b>&lt;0.0431</b>

DEPTH	DRO	GRO	B
26'	674	<b>44.1</b>	<0.0251
31'	126	<b>31.5</b>	<b>&lt;0.0315</b>
35'	<11.7	<4.20	<0.0252

DEPTH	DRO	GRO	B
20'	<30	<4.7	<0.020
25.5'	190	<12	<0.025
30'	<28	<14	<0.027

DEPTH	DRO	GRO	B
17'	<10.7	<4.67	<0.0280
20'	240	<b>85.0</b>	<b>0.0457</b>
25'	69.5	19.7	<0.0262

DEPTH	DRO	GRO	B
21'	<28	<6.3	<0.020
24'	1,600	<7.7	<b>0.099</b>
35'	<35	<8.0	0.023

DEPTH	DRO	GRO	B
27'	575	<b>228</b>	<b>&lt;0.223</b>
29'	46.5	<b>35.0</b>	<b>0.0330</b>
33'	<11.9	<5.37	<b>&lt;0.0322</b>

DEPTH	DRO	GRO	B
24'	103	20.6	<0.0250
28'	775	14.8	<0.0239
29'	60.6	<4.69	<0.0281

DEPTH	DRO	GRO	B
25'	<b>2,100</b>	<b>477</b>	<b>&lt;0.292</b>
29'	<b>2,360</b>	<b>495</b>	<b>&lt;0.281</b>
32'	<10.6	<4.48	<0.0269

DEPTH	DRO	GRO	B
26'	<10.6	<4.85	<0.0291
27'	<10.3	<4.81	<0.0289
29'	<11.9	<5.57	<b>&lt;0.0334</b>

DEPTH	DRO	GRO	B
23'	<b>2,170</b>	<b>138</b>	<0.0292
29'	696	<b>251</b>	<b>&lt;0.304</b>
35'	<11.7	<4.64	<0.0279

DEPTH	DRO	GRO	B
25'	53.0	<5.17	<b>0.0458</b>
29'	1,070	<b>295</b>	<b>&lt;0.0309</b>
32'	<12.9	<6.16	<b>&lt;0.0369</b>

DEPTH	DRO	GRO	B
25'	<28	<3.9	<0.020
27'	110	<4.9	<0.020
31'	<32	<7.1	<0.020

DEPTH	DRO	GRO	B
24'	957	23.3	<b>&lt;0.0307</b>
28'	<b>2,160</b>	<b>354</b>	<b>0.0756</b>
35'	<11.0	<5.11	<b>&lt;0.0306</b>

DEPTH	DRO	GRO	B
16'	1,470	<b>345</b>	<0.0273
22'	<b>2,050</b>	<b>2,140</b>	<b>&lt;1.67</b>
27'	916	<b>1,460</b>	<b>&lt;0.251</b>
29'	<12.2	15.0	<0.0253

**LEGEND**

- FB-10 ◆ BORING LOCATION
- CMW-25 ⊕ CHS MONITORING WELL
- HMW-13 ⊕ HILLMAN MONITORING WELL

**DRAFT**



DEPTH IN FEET BELOW GROUND SURFACE  
 ALL SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM  
 GRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE-RANGE ORGANICS  
 DRO = TPH AS DIESEL-RANGE ORGANICS  
 B = BENZENE  
**BOLD** = INDICATES CONCENTRATIONS EXCEED WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) METHOD A CLEANUP LEVELS  
 < = INDICATES CONCENTRATIONS NOT DETECTED AT OR ABOVE THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT  
 ——— APPROXIMATE EXTENT OF SITE BOUNDARY WHERE 2007 AND 2008 SOIL DATA OR 2008 AND 2009 GROUNDWATER DATA EXCEED MTCA METHOD A CLEANUP LEVELS



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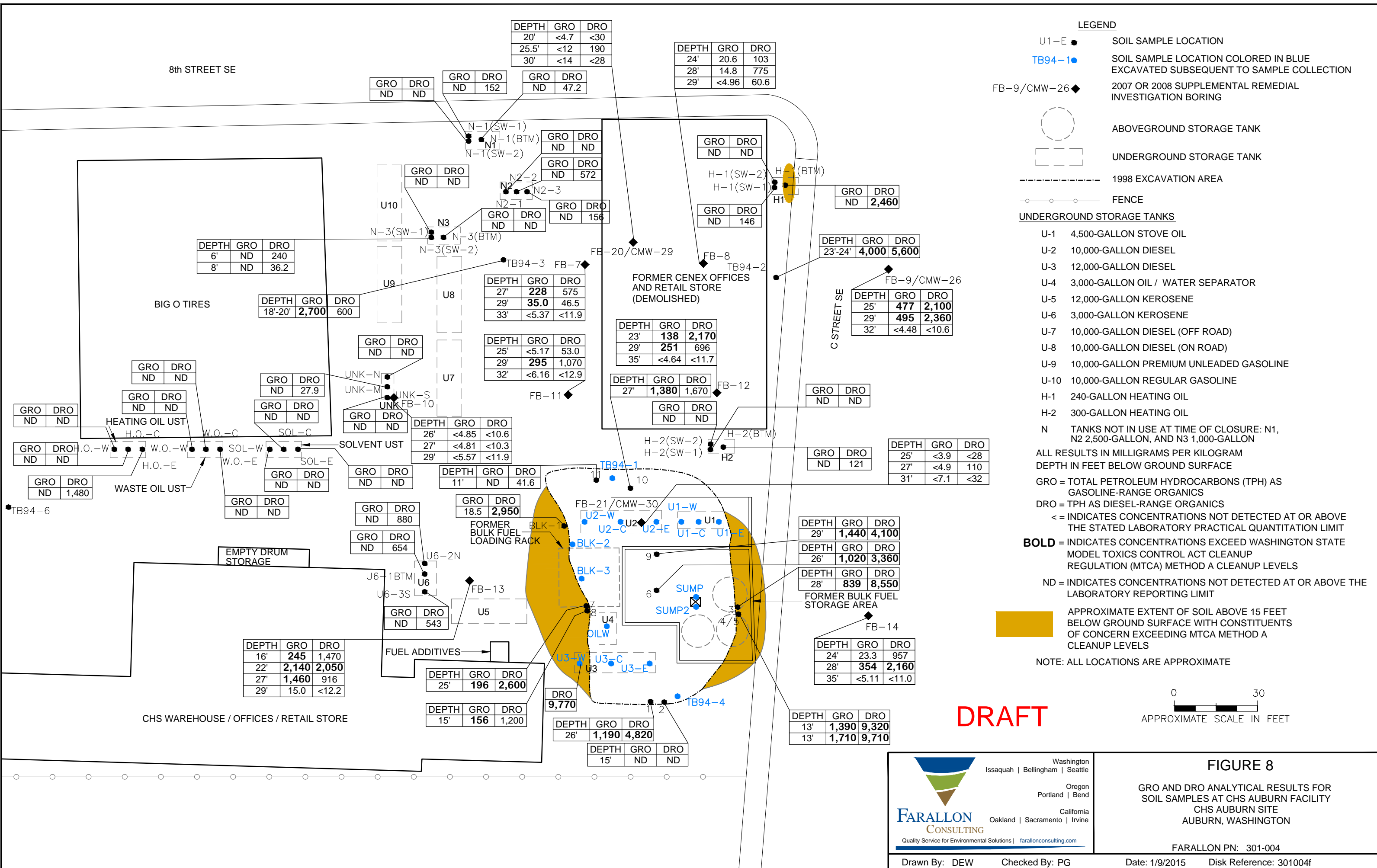
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**FIGURE 7**

SITE PLAN SHOWING DRO, GRO, AND BENZENE RESULTS FOR SOIL-AUGUST 2007 AND FEBRUARY/MARCH 2008  
 CHS AUBURN SITE  
 AUBURN, WASHINGTON  
 FARALLON PN: 301-004

Drawn By: DEW      Checked By: PG      Date: 1/8/2015      Disk Reference: 301004b



DEPTH	GRO	DRO
20'	<4.7	<30
25.5'	<12	190
30'	<14	<28

DEPTH	GRO	DRO
24'	20.6	103
28'	14.8	775
29'	<4.96	60.6

DEPTH	GRO	DRO
6'	ND	240
8'	ND	36.2

DEPTH	GRO	DRO
18'-20'	<b>2,700</b>	600

DEPTH	GRO	DRO
27'	<b>228</b>	575
29'	<b>35.0</b>	46.5
33'	<5.37	<11.9

DEPTH	GRO	DRO
25'	<5.17	53.0
29'	<b>295</b>	1,070
32'	<6.16	<12.9

DEPTH	GRO	DRO
23'	<b>138</b>	<b>2,170</b>
29'	<b>251</b>	696
35'	<4.64	<11.7

DEPTH	GRO	DRO
27'	<b>1,380</b>	1,670

DEPTH	GRO	DRO
23'-24'	<b>4,000</b>	<b>5,600</b>

DEPTH	GRO	DRO
25'	<b>477</b>	<b>2,100</b>
29'	<b>495</b>	<b>2,360</b>
32'	<4.48	<10.6

DEPTH	GRO	DRO
25'	<3.9	<28
27'	<4.9	110
31'	<7.1	<32

DEPTH	GRO	DRO
29'	<b>1,440</b>	<b>4,100</b>
26'	<b>1,020</b>	<b>3,360</b>

DEPTH	GRO	DRO
28'	<b>839</b>	<b>8,550</b>

DEPTH	GRO	DRO
24'	23.3	957
28'	<b>354</b>	<b>2,160</b>
35'	<5.11	<11.0

DEPTH	GRO	DRO
13'	<b>1,390</b>	<b>9,320</b>
13'	<b>1,710</b>	<b>9,710</b>

DEPTH	GRO	DRO
26'	<4.85	<10.6
27'	<4.81	<10.3
29'	<5.57	<11.9

DEPTH	GRO	DRO
11'	ND	41.6

GRO	DRO
18.5	<b>2,950</b>
ND	880
ND	654

DEPTH	GRO	DRO
16'	<b>245</b>	1,470
22'	<b>2,140</b>	<b>2,050</b>
27'	<b>1,460</b>	916
29'	15.0	<12.2

DEPTH	GRO	DRO
25'	<b>196</b>	<b>2,600</b>

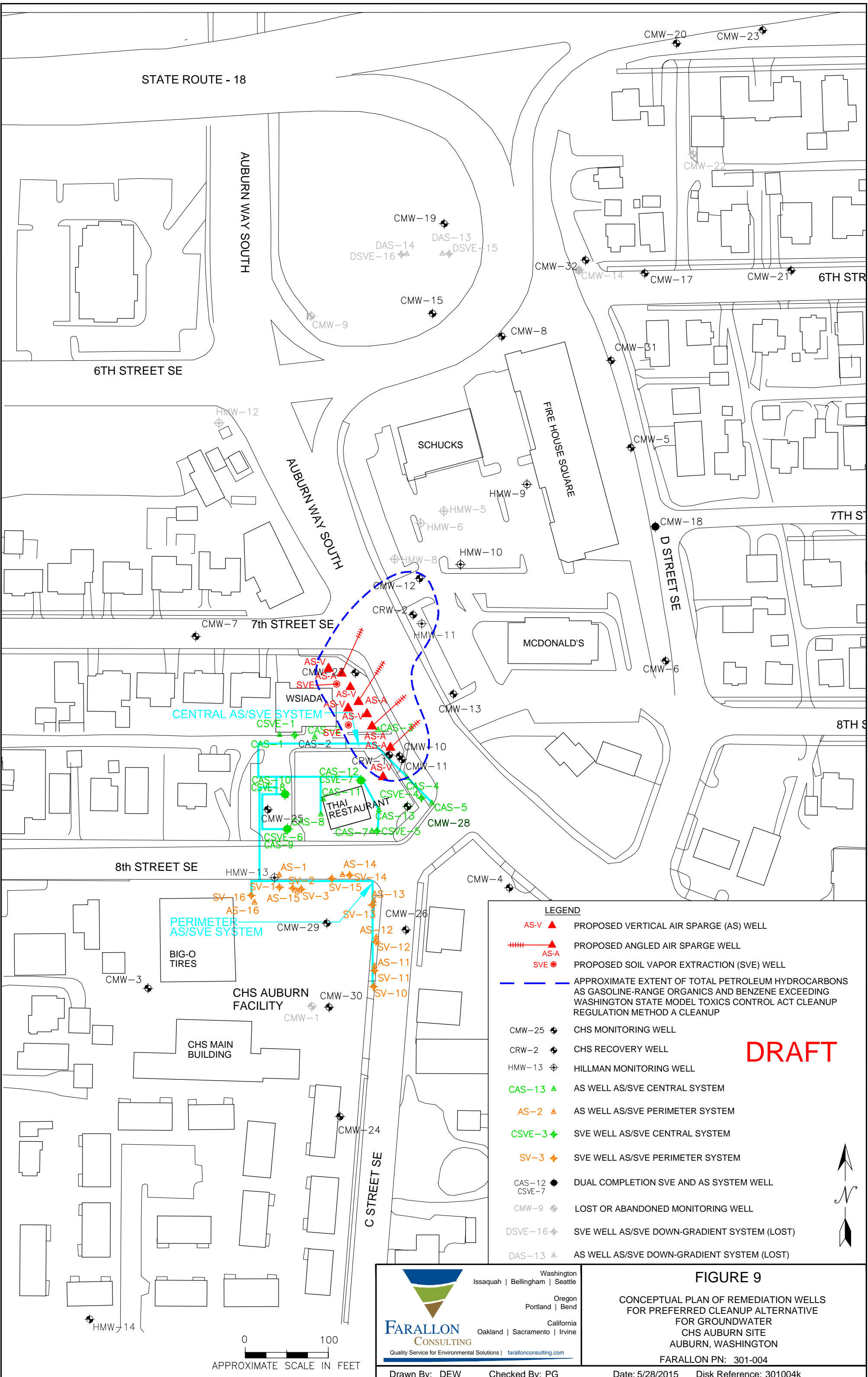
DEPTH	GRO	DRO
15'	<b>156</b>	1,200

DEPTH	GRO	DRO
26'	<b>1,190</b>	<b>4,820</b>

DEPTH	GRO	DRO
15'	ND	ND

DRO
<b>9,770</b>





LEGEND	
	AS-V ▲ PROPOSED VERTICAL AIR SPARGE (AS) WELL
	▲ PROPOSED ANGLED AIR SPARGE WELL
	AS-A ● PROPOSED SOIL VAPOR EXTRACTION (SVE) WELL
	— APPROXIMATE EXTENT OF TOTAL PETROLEUM HYDROCARBONS AS GASOLINE-RANGE ORGANICS AND BENZENE EXCEEDING WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION METHOD A CLEANUP
	CMW-25 ● CHS MONITORING WELL
	CRW-2 ● CHS RECOVERY WELL
	HMW-13 ● HILLMAN MONITORING WELL
	CAS-13 ▲ AS WELL AS/SVE CENTRAL SYSTEM
	AS-2 ▲ AS WELL AS/SVE PERIMETER SYSTEM
	CSVE-3 ◆ SVE WELL AS/SVE CENTRAL SYSTEM
	SV-3 ◆ SVE WELL AS/SVE PERIMETER SYSTEM
	CAS-12 ● DUAL COMPLETION SVE AND AS SYSTEM WELL
	CMW-9 ● LOST OR ABANDONED MONITORING WELL
	DSVE-16 ◆ SVE WELL AS/SVE DOWN-GRADIENT SYSTEM (LOST)
	DAS-13 ▲ AS WELL AS/SVE DOWN-GRADIENT SYSTEM (LOST)

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**FIGURE 9**  
 CONCEPTUAL PLAN OF REMEDIATION WELLS  
 FOR PREFERRED CLEANUP ALTERNATIVE  
 FOR GROUNDWATER  
 CHS AUBURN SITE  
 AUBURN, WASHINGTON  
 FARALLON PN: 301-004



**TABLES**

**DRAFT CLEANUP ACTION PLAN  
CHS Auburn Site  
238 8<sup>th</sup> Street Southeast and Contiguous Areas  
Auburn, Washington**



**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-1	Summit	CMW-1	7/22/1994	5.3	—	420	24,000	41,000	5,900	30,900
	Summit	CMW-1	12/2/1994	2.5	—	20	980	1,600	410	1,800
	Summit	CMW-1	1/9/1995	—	—	47	7,400	8,600	920	5,100
	Summit	CMW-1	2/14/1995	—	—	250	14,000	14,000	750	3,800
	Summit	CMW-1	3/13/1995	9.9	2.4	130	6,500	17,000	1,500	13,000
	Summit	CMW-1	4/6/1995	—	—	110	28,000	16,000	1,700	12,000
	Summit	CMW-1	5/3/1995	—	—	190	4,600	37,000	4,200	24,000
	Summit	CMW-1	6/15/1995	5.9	0.89	61	10,000	13,000	1,200	6,600
	Summit	CMW-1	7/12/1995	—	—	83	11,000	20,000	970	9,900
	Summit	CMW-1	8/7/1995	—	—	53	64	4,100	260	9,600
	Summit	CMW-1	9/11/1995	7.2	—	37	260	2,800	270	3,900
	Summit	CMW-1	10/4/1995	—	—	23	47	1,600	71	3,600
	Summit	CMW-1	11/2/1995	—	—	18	<8	170	45	2,600
	Summit	CMW-1	12/18/1995	2.5	<0.75	26	<20	280	50	5,000
	Summit	CMW-1	1/9/1996	—	—	33	19	330	130	5,900
	Summit	CMW-1	2/15/1996	—	—	58	64	1,300	400	11,000
	Summit	CMW-1	3/7/1996	10	0.85	87	140	2,400	760	18,000
	Summit	CMW-1	4/10/1996	—	—	90	110	2,700	730	17,000
	Summit	CMW-1	5/8/1996	—	—	54.3	<100	1,730	550	13,400
	Summit	CMW-1	6/6/1996	1.03	—	14.8	6.11	93.8	66.7	2,350
	Summit	CMW-1	7/11/1996	—	—	9.71	2.78	36.1	37.3	1,440
	Summit	CMW-1	8/7/1996	—	—	40.7	319	3,770	1,630	7,330
	Summit	CMW-1	9/13/1996	1.03	—	0.654	29.8	15.3	51.0	56.7
	Summit	CMW-1	10/11/1996	—	—	0.961	9.01	1.94	5.28	9.96
	Summit	CMW-1	10/31/1996	—	—	0.112	8.13	0.735	4.08	3.92
	Summit	CMW-1	12/5/1996	0.984	—	0.609	19.3	1.51	39.3	129
Summit	CMW-1	3/6/1997	17.4	1.98	42	31.9	318	349.0	6,100	
Summit	CMW-1	6/24/1997	7.14	1.41	69.9	74.1	623	298.0	9,540	
Summit	CMW-1	9/4/1997	0.733	<0.75	1.41	38.6	0.934	4.2	34	
Summit	CMW-1	12/3/1997	11.1	<0.75	22.3	<12.5	27.8	<12.5	2,930	
Summit	CMW-1	3/6/1998	8.27	0.836	2.31	58.4	33.4	55.8	1,160	
Summit	CMW-1	6/18/1998	3.99	0.836	4.29	<25.0	<10.0	<15.0	<25.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-2	Summit	CMW-2	7/22/1994	9.3	—	180	24,000	24,000	3,000	13,600
	Summit	CMW-2	2/14/1995	—	—	91	9,900	13,000	2,600	17,000
	Summit	CMW-2	3/13/1995	36	2.0	88	12,000	11,000	1,500	7,800
	Summit	CMW-2	4/6/1995	—	—	77	15,000	14,000	1,900	9,200
	Summit	CMW-2	5/3/1995	—	—	120	15,000	16,000	2,700	13,000
	Summit	CMW-2	1/9/1996	—	—	110	4,200	4,400	1,700	8,500
	Summit	CMW-2	2/15/1996	—	—	19	1,700	2,000	740	2,600
	Summit	CMW-2	3/7/1996	8.3	0.9	12	1,000	510	410	1,800
	Summit	CMW-2	4/10/1996	—	—	23	1,600	1,500	780	3,100
	Summit	CMW-2	5/7/1996	—	—	25.6	2,840	3,360	1,060	4,480
	Summit	CMW-2	6/6/1996	43.5	—	43.9	4,700	7,200	1,330	5,490
	Summit	CMW-2	7/11/1996	—	—	42.6	1,750	3,680	520	8,250
	Summit	CMW-2	8/7/1996	—	—	33.7	52.8	915	411	3,720
	Summit	CMW-2	9/13/1996	85.7	—	12.0	56.7	171	79.7	1,350
	Summit	CMW-2	10/11/1996	—	—	6.8	57.8	93.9	36.8	394
	Summit	CMW-2	10/31/1996	—	—	2.28	258	645	940	8,860
	Summit	CMW-2	12/5/1996	26.6	—	5.52	544	1,270	60.4	588
	Summit	CMW-2	1/8/1997	—	—	<0.05	2.1	0.79	<0.5	2.18
Summit	CMW-2	2/4/1997	—	—	0.412	1.62	28.9	6.9	64.1	
Summit	CMW-2	3/6/1997	15.3	2.0	<0.1	<0.5	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-2	Summit	CMW-2	4/7/1997	—	—	<0.1	<0.5	<0.5	<0.5	<1
	Summit	CMW-2	5/8/1997	—	—	<50	<0.5	<0.5	<0.5	<1
	Summit	CMW-2	6/24/1997	<b>6.62</b>	<b>1.23</b>	0.437	<b>437</b>	189	7.59	77.5
	Summit	CMW-2	7/7/1997	—	—	<b>1.83</b>	<b>333</b>	88.3	14.3	150
	Summit	CMW-2	8/5/1997	—	—	<b>77.4</b>	1.66	1.36	1.09	6.26
	Summit	CMW-2	9/3/1997	<b>6.36</b>	<b>0.91</b>	0.354	0.92	8.52	4.45	33.9
	Summit	CMW-2	10/16/1997	—	—	0.188	0.815	8.52	2.54	16.4
	Summit	CMW-2	11/14/1997	—	—	0.089	<0.5	1.91	0.969	7.73
	Summit	CMW-2	12/3/1997	<b>5.06</b>	<b>&lt;0.75</b>	<b>3.97</b>	<b>&lt;10</b>	237	<b>36.4</b>	876
	Summit	CMW-2	1/29/1998	—	—	<b>1.38</b>	<b>226</b>	59.4	28.1	287
	Summit	CMW-2	3/6/1998	<b>3.12</b>	<b>&lt;0.75</b>	0.654	<b>80</b>	17.2	9.26	96.8
	Summit	CMW-2	6/18/1998	<0.25	<b>&lt;0.75</b>	<0.05	<0.5	<1	<1	<1
	Summit	CMW-2	9/23/1998	0.419	<b>&lt;0.75</b>	<0.05	<0.5	<1	<1	<1
	Summit	CMW-2	12/4/1998	<b>95.2</b>	—	<b>168</b>	<b>188</b>	335	660	<b>7,070</b>
	Summit	CMW-2	3/25/1999	<b>5.47</b>	—	0.186	<b>29.5</b>	5.06	3.07	16.7
	Summit	CMW-2	6/15/1999	<b>6.31</b>	—	<b>15.4</b>	<b>481</b>	38.3	<b>761</b>	<b>2,630</b>
	ERM	CMW-2	12/31/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-2	4/17/2000	<b>3.96</b>	—	<b>2.58</b>	<b>63.4</b>	12.8	74.9	465
	ERM	CMW-2	6/13/2000	<b>5.32</b>	—	0.189	<b>9.19</b>	ND	3.34	12.4
	ERM	CMW-2	10/5/2000	ND	—	ND	ND	ND	1.25	3.05
	ERM	CMW-2	12/26/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-2	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-2	6/29/2001	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
ERM	CMW-2	9/28/2001	No sample collected - well dry							
ERM	CMW-2	12/17/2001	<b>14.0</b>	ND	<b>11.60</b>	<b>30.0</b>	ND	149	959	
ERM	CMW-2	3/8/2002	<b>11.5</b>	—	0.296	2.2	ND	2.46	4.79	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-2	ERM	CMW-2	7/30/2002	17.5	—	1.44	33.3	1.67	30.6	78.5
	ERM	CMW-2	12/12/2002	No sample collected - well dry						
	ERM	CMW-2	3/20/2003	13.3	—	2.27	44.8	1.87	38.0	68.2
	ERM	CMW-2	6/25/2003	8.47	—	1.12	33.3	0.788	22.6	24.8
	Farallon	CMW-2	9/30/2003	No sample collected-well dry						
	Farallon	CMW-121803-03	12/18/2003	7.97	—	3.32	17	< 2.5	23.8	85
	Farallon	CMW2-032504	3/25/2004	20.3	—	0.932	0.595	<0.5	1.35	9.18
	Farallon	CMW2-062804-01	6/28/2004	11.6	—	1.25	5.57	0.827	16.1	78.3
	Farallon	CMW2-092104	9/21/2004	17.9	1.07	0.186	<0.5	<0.5	1.48	3.3
	Farallon	CMW2-122104	12/21/2004	14.6	0.869	0.261	1.33	<0.5	2.68	6.59
	Farallon	CMW2-033105	3/31/2005	7.86	<2	0.53	1.81	<0.5	3.35	8.58
	Farallon	CMW-2-070805	7/8/2005	6.51	<1.0	0.717	1.24	<0.5	4.44	8.34
	Farallon	CMW-2-093005	9/30/2005	6.89	<1.0	1.36	1.73	0.538	7.07	9.56
	Farallon	CMW-2-122805	12/8/2005	3.10	<1.0	0.554	<0.5	<0.5	2.02	1.7
	Farallon	CMW-2-032806	3/28/2006	13.1	<4.81	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-2-102006	10/20/2006	3.87	<0.250	0.0572 JH	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW2-031308	3/13/2008	<0.26	0.60	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW2-061708	6/17/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW2-100108	10/1/2008	0.44	0.85	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	CMW2-123008	12/30/2008	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW2-031909	3/19/2009	0.35	<0.43	<0.100	<1.0	<1.0	<1.0	1.6	
Farallon	CMW2-102809	10/28/2009	<0.25	<0.40	0.240	2.0	1.2	<1.0	2.0	
Farallon	CMW2-012610	1/26/2010	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW2-042010	4/20/2010	0.28	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW2-072010	7/20/2010	0.92	<0.67 <sup>10</sup>	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-2-102110	10/21/2010	0.63	<0.44	<0.100	<1.0	<1.0	1.1	1.5	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-2	Farallon	CMW-2-012511	1/25/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW2-042711	4/27/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-2-071811	7/18/2011	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-2-102111	10/21/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-2-042712	4/27/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-2-110112	11/1/2012	0.44	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-2-042313	4/23/2013	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-2-102313	10/23/2013	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-2-042414	4/24/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-2-102914	10/29/2014	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
CMW-3	Summit	CMW-3	7/22/1994	<0.25	—	<0.25	<1	<1	<1	<1
	Summit	CMW-3	9/20/1994	—	—	—	<1	<1	<1	<1
	Summit	CMW-3	12/2/1994	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	1/4/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	2/10/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	3/7/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	6/13/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	9/7/1995	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	12/5/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	3/5/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	6/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	9/11/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	12/5/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	3/4/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	3/4/1998	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-3	3/22/1999	0.295	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-3	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-3	3/8/2002	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-3	4/17/2000	0.475	—	ND	ND	ND	ND	ND
	ERM	CMW-3	12/12/2002	No sample collected - well dry						
ERM	CMW-3	3/19/2003	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-3	Farallon	CMW3-032504	3/25/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW3-062804-01	6/28/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW3-033105	3/31/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-3-032806	3/28/2006	<0.245	<0.490	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW3-031208	3/12/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
CMW-4	Summit	CMW-4	10/5/1994	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	11/10/1994	—	—	<0.05	<b>5.6</b>	<0.5	<0.5	<1
	Summit	CMW-4	12/5/1994	0.42	—	<0.05	1	<0.5	<0.5	<1
	Summit	CMW-4	1/5/1995	—	—	<0.05	0.83	<0.5	<0.5	<1
	Summit	CMW-4	2/13/1995	—	—	<0.08	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	3/7/1995	0.29	<0.75	<0.05	0.65	<0.5	<0.5	<1
	Summit	CMW-4	4/5/1995	—	—	0.073	<b>580</b>	<0.5	<0.5	2.7
	Summit	CMW-4	5/3/1995	—	—	0.068	<b>990</b>	<0.5	<0.5	1.3
	Summit	CMW-4	6/14/1995	0.40	<0.75	<0.050	<b>770</b>	<0.5	<0.5	1
	Summit	CMW-4	7/11/1995	—	—	<0.050	<b>270</b>	<0.5	<0.5	<1
	Summit	CMW-4	8/7/1995	—	—	0.051	<b>460</b>	1.2	<0.5	<1
	Summit	CMW-4	9/11/1995	<b>1.8</b>	—	<b>1.3</b>	<b>1,400</b>	2.6	20	190
	Summit	CMW-4	10/4/1995	—	—	0.440	<b>360</b>	<0.5	1.7	20
	Summit	CMW-4	11/2/1995	—	—	0.075	<b>17</b>	<0.5	<0.5	1.1
	Summit	CMW-4	12/18/1995	<b>0.51</b>	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	1/9/1996	—	—	<0.050	0.6	<0.5	<0.5	<1
	Summit	CMW-4	2/13/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	3/4/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
Summit	CMW-4	4/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-4	5/8/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-4	6/5/1996	0.268	—	<0.050	<0.5	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-4	Summit	CMW-4	7/9/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	8/7/1996	—	—	0.075	2.58	<0.5	<0.5	<1
	Summit	CMW-4	9/13/1996	<b>0.511</b>	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	12/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	3/4/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	3/4/1998	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	12/4/1998	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-4	3/22/1999	0.306	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-4	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-4	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-4	3/8/2002	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-4	12/12/2002	ND	—	—	—	—	—	—
	ERM	CMW-4	3/19/2003	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Farallon	CMW4-032504	3/25/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW4-033105	3/31/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-4-032806	3/28/2006	<b>0.862</b>	<0.476	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-4-101906	10/19/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW4-031308	3/13/2008	<0.27	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW4-061608	6/16/2008	<0.25	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW4-100108	10/1/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW4-123008	12/30/2008	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW4-031909	3/19/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW4-102809	10/28/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW4-012610	1/26/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW4-042010	4/20/2010	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-4-072010	7/20/2010	<0.31	<0.49	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-4	Farallon	CMW-4-102110	10/21/2010	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-4-012511	1/25/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW4-042611	4/26/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-4-071911	7/19/2011	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-4-102011	10/20/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
CMW-5	Summit	CMW-5	10/5/1994	0.48	—	<b>0.18</b>	<b>3,600</b>	0.52	8.6	<1
	Summit	CMW-5	11/9/1994	—	—	<b>0.15</b>	<b>3,100</b>	<0.5	4.2	<1
	Summit	CMW-5	12/7/1994	<b>0.53</b>	—	0.09	<b>2,000</b>	<0.5	1.5	<1
	Summit	CMW-5	1/11/1995	—	—	<0.05	<b>720</b>	<0.5	<0.5	<1
	Summit	CMW-5	2/14/1995	—	—	<0.08	<b>39</b>	<0.5	<0.5	<1
	Summit	CMW-5	3/10/1995	0.30	<b>0.89</b>	<0.05	1.8	<0.5	<0.5	<1
	Summit	CMW-5	4/5/1995	—	—	<0.050	<0.5	<0.5	<0.5	1
	Summit	CMW-5	5/2/1995	—	—	<0.050	1.1	<0.5	<0.5	1
	Summit	CMW-5	6/13/1995	0.37	<b>1.0</b>	0.200	<b>700</b>	23	1.9	26
	Summit	CMW-5	7/12/1995	—	—	<b>2.4</b>	<b>2,900</b>	480	110	330
	Summit	CMW-5	8/7/1995	—	—	<b>7.6</b>	<b>5,300</b>	<b>1,100</b>	370	<b>1,200</b>
	Summit	CMW-5	8/25/1995	—	—	<b>9.0</b>	<b>5,500</b>	640	450	<b>1,400</b>
	Summit	CMW-5	9/8/1995	<b>0.86</b>	—	<b>6.5</b>	<b>4,700</b>	250	370	<b>1,200</b>
	Summit	CMW-5	10/3/1995	—	—	<b>1.4</b>	<b>1,400</b>	0.84	69	170
	Summit	CMW-5	11/2/1995	—	—	<b>0.800</b>	<b>820</b>	0.81	68	110
	Summit	CMW-5	12/5/1995	0.41	<b>&lt;0.8</b>	<b>0.800</b>	<b>810</b>	<2.0	97	64
	Summit	CMW-5	1/9/1996	—	—	<0.050	<b>37</b>	<2.0	8.3	<1
	Summit	CMW-5	2/13/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
Summit	CMW-5	3/4/1996	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-5	4/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-5	5/7/1996	—	—	<0.050	<b>7.56</b>	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>



**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-5	Summit	CMW-5	6/3/1996	0.327	—	<0.050	<b>0.803</b>	<0.5	<0.5	<1
	Summit	CMW-5	7/9/1996	—	—	<0.050	<b>0.695</b>	<0.5	<0.5	<1
	Summit	CMW-5	8/6/1996	—	—	0.093	<b>76.7</b>	<0.5	0.811	<1
	Summit	CMW-5	9/11/1996	<b>0.619</b>	—	0.288	<b>310</b>	0.544	4.20	3.57
	Summit	CMW-5	10/10/1996	—	—	0.433	<b>327</b>	<0.5	3.05	2.07
	Summit	CMW-5	10/30/1996	—	—	0.110	<b>95.2</b>	<0.5	<0.5	<1
	Summit	CMW-5	12/2/1996	0.493	—	0.089	<b>34.9</b>	<0.5	<0.5	<1
	Summit	CMW-5	3/4/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-5	6/23/1997	0.3	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	1.12
	Summit	CMW-5	9/3/1997	<b>0.824</b>	<b>&lt;0.75</b>	0.0785	<b>64.4</b>	<0.5	<0.5	2.4
	Summit	CMW-5	12/2/1997	<b>1.110</b>	<b>&lt;0.75</b>	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-5	3/4/1998	<0.25	<b>&lt;0.75</b>	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-5	3/24/1999	0.362	—	<0.05	<0.5	<0.5	<0.5	<1
	ERM	CMW-5	4/17/2000	<b>0.551</b>	—	0.557	ND	ND	ND	ND
	ERM	CMW-5	5/1/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-5	3/6/2002	0.283	—	ND	ND	ND	ND	ND
	ERM	CMW-5	3/19/2003	0.323	—	<0.050	<0.5	<0.5	<0.5	<1
	Farallon	CMW-5-101806	10/18/2006	0.468	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW5-031308	3/13/2008	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW5-061608	6/16/2008	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW5-100208	10/2/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW5-123108	12/31/2008	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW5-032009	3/20/2009	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW5-102909	10/29/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW5-012710	1/27/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW5-042010	4/20/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-5-072010	7/20/2010	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-6	Summit	CMW-6	10/5/1994	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	11/9/1994	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	12/7/1994	<0.25	—	<0.05	0.66	<0.5	<0.5	<1
	Summit	CMW-6	1/5/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	2/14/1995	—	—	<0.08	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	3/10/1995	<0.25	<0.75	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	6/14/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	9/7/1995	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	12/15/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	3/4/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	6/5/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	9/11/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	12/3/1996	0.317	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	3/4/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	6/23/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	9/3/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	12/2/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	3/4/1998	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	9/23/1998	<0.25	<0.75	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-6	3/24/1999	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	ERM	CMW-6	12/31/1999	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	ERM	CMW-6	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-6	3/6/2002	ND	—	ND	ND	ND	ND	ND
ERM	CMW-6	3/17/2003	ND	—	ND	ND	ND	ND	ND	
Farallon	CMW6-032304	3/23/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1	
Farallon	CMW6-033005	3/30/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1	
Farallon	CMW-6-032706	3/27/2006	<0.238	<0.476	<0.050	<0.500	<0.500	<0.500	<1.00	
<b>MTC A Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-7	Summit	CMW-7	10/5/1994	0.31	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	11/10/1994	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	12/5/1994	0.4	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	1/10/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	2/14/1995	—	—	<0.08	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	3/9/1995	<b>0.50</b>	<b>&lt;0.75</b>	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	6/14/1995	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	9/7/1995	<b>0.55</b>	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	12/15/1995	0.37	<b>0.81</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	3/6/1996	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	6/4/1996	0.402	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	9/9/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	12/3/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	3/4/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	3/4/1998	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-7	3/23/1999	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	ERM	CMW-7	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-7	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-7	3/7/2002	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-7	3/17/2003	ND	—	ND	ND	ND	ND	ND
	Farallon	CMW7-032504	3/25/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW7-033005	3/30/2005	<0.284	<b>&lt;0.568</b>	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-7-032706	3/27/2006	<0.236	<0.472	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-7-101906	10/19/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW7-031308	3/13/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW7-061708	6/17/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW7-100108	10/1/2008	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW7-123008	12/30/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW7-031909	3/19/2009	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-7-042712	4/27/2012	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW-7-102112	10/31/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-7-042213	4/22/2013	<0.25	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-7-102213	10/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-7-042314	4/23/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-7-102814	10/28/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-8	Summit	CMW-8	10/25/1994	—	—	<0.05	170	<0.5	<0.5	<1
	Summit	CMW-8	11/9/1994	—	—	<0.05	32	<0.5	<0.5	<1
	Summit	CMW-8	12/12/1994	<0.25	—	<0.05	22	<0.5	<0.5	<1
	Summit	CMW-8	1/10/1995	—	—	<0.05	85	<0.5	<0.5	<1
	Summit	CMW-8	2/14/1995	—	—	<0.08	460	<0.5	2.4	<1
	Summit	CMW-8	3/9/1995	<0.25	<0.75	0.06	820	1.4	4.0	2.0
	Summit	CMW-8	6/15/1995	<0.25	<0.75	<0.500	3,100	2.0	48	27
	Summit	CMW-8	9/7/1995	0.35	—	0.700	1,600	<8	68	24
	Summit	CMW-8	12/18/1995	0.53	<0.75	0.530	1,000	0.52	32	<1
	Summit	CMW-8	3/6/1996	1	<0.75	3.700	2,000	8.9	310	350
	Summit	CMW-8	6/6/1996	1.19	—	<2.500	2,770	<25	226	154
	Summit	CMW-8	9/10/1996	0.757	—	0.620	1,080	<10	37.2	26.8
	Summit	CMW-8	12/4/1996	0.635	—	0.523	1,600	<2.5	6.86	11.4
	Summit	CMW-8	3/5/1997	1.81	<0.75	0.821	1,420	7.56	32.4	49.2
	Summit	CMW-8	3/5/1997	1.1	<0.75	0.887	1,430	7.08	29.9	45.2
	Summit	CMW-8	6/24/1997	1.55	<0.75	<1	1,100	<0.5	11.1	21.6
	Summit	CMW-8	6/24/1997	1.69	1.03	<1	1,090	<0.5	11.1	21.5
	Summit	CMW-8	9/4/1997	1.46	<0.75	0.563	885	<0.5	3.1	7.28
	Summit	CMW-8	12/3/1997	1.1	<0.75	0.336	868	0.63	1.27	<1
	Summit	CMW-8	12/3/1997	1.44	<0.75	<1	974	<10	<10	<20
	Summit	CMW-8	3/5/1998	0.906	<0.75	0.134	134	0.65	<0.5	<1
Summit	CMW-8	3/5/1998	0.554	<0.75	0.141	121	0.78	0.567	<1	
Summit	CMW-8	3/24/1999	1.07	—	0.376	78.3	2.82	21.6	34	
ERM	CMW-8	4/17/2000	ND	—	ND	ND	ND	ND	ND	
ERM	CMW-8	3/30/2001	0.313	—	ND	1.12	ND	ND	ND	
ERM	CMW-8	3/7/2002	1.78	—	0.0685	0.818	ND	0.678	ND	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-8	ERM	CMW-8	3/19/2003	1.17	—	0.717	1.55	<0.5	<0.5	<1
	Farallon	CMW-8-102006	10/20/2006	0.930	<0.606	<0.050	0.717	<0.500	<0.500	<1.00
	Farallon	CMW8-031308	3/13/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-061708	6/17/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-100208	10/2/2008	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-123008	12/30/2008	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-031909	3/19/2009	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-102909	10/29/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-012610	1/26/2010	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	2.6
	Farallon	CMW8-042010	4/20/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-072010	7/20/2010	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-8-102210	10/22/2010	<0.29	<0.47	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-8-012411	1/24/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-042711	4/27/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-8-071911	7/19/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW8-102111	10/21/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-8-042612	4/26/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-8-110112	11/1/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-8-042313	4/23/2013	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-8-102313	10/23/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW-8-042314	4/23/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-8-102814	10/28/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
CMW-9	Summit	CMW-9	10/5/1994	0.69	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	11/9/1994	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	12/12/1994	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	1/10/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	2/14/1995	—	—	<0.08	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	3/9/1995	0.35	<0.75	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	4/5/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	5/3/1995	—	—	<0.050	0.68	<0.5	<0.5	<1
	Summit	CMW-9	6/14/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	7/12/1995	—	—	<0.050	0.54	<0.5	<0.5	<1
	Summit	CMW-9	8/4/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	9/11/1995	0.50	—	<0.050	<0.5	<0.5	<0.5	<1
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-9	Summit	CMW-9	10/4/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	11/2/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	12/15/1995	0.26	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	1/9/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	2/14/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	3/6/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	4/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	5/8/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	6/5/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	7/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	8/7/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	9/12/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	10/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	10/30/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	12/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	3/5/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	6/24/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	9/4/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	12/2/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-9	3/5/1998	0.258	<0.75	<0.050	<0.5	<0.5	<0.5	<1
Summit	CMW-9	9/23/1998	<0.25	<0.75	<0.05	<0.5	<0.5	<0.5	<1	
Summit	CMW-9	3/23/1999	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1	
ERM	CMW-9	4/18/2000	<b>1.48</b>	—	0.546	<b>77</b>	ND	ND	2.65	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

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				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-10	Summit	CMW-10	12/5/1995	150	8.3	1,300	4,900	7,100	4,900	32,000
	Summit	CMW-10	6/6/1996	59.2	—	33.6	3,030	762	1,570	6,970
	Summit	CMW-10	9/12/1996	13.3	—	53.0	7,520	3,480	1,750	8,670
	Summit	CMW-10	10/11/1996	—	—	30.3	5,910	271	1,910	5,800
	Summit	CMW-10	10/31/1996	—	—	29.6	5,320	205	1,820	5,450
	Summit	CMW-10	12/5/1996	23.5	—	14.1	1,780	345	630	2,429
	Summit	CMW-10	1/8/1997	—	—	3.8	52	11.1	48.4	23.1
	Summit	CMW-10	2/4/1997	—	—	883	36	11.6	8.86	67.1
	Summit	CMW-10	3/6/1997	33.3	2.01	16.5	<200	<100	<100	<200
	Summit	CMW-10	4/7/1997	—	—	1.15	27.9	17.5	5	54.8
	Summit	CMW-10	5/8/1997	—	—	36	<100	<100	<100	<200
	Summit	CMW-10	6/24/1997	15.3	1.98	12.3	917	924	29.1	449
	Summit	CMW-10	7/7/1997	—	—	30	984	1,310	51.2	936
	Summit	CMW-10	8/5/1997	—	—	24.9	1,880	322	1,050	3,490
	Summit	CMW-10	9/3/1997	61	<0.75	26	1,570	151	927	2,500
	Summit	CMW-10	10/16/1997	—	—	1,880	1,330	<0.5	3,670	15,100
	Summit	CMW-10	11/14/1997	—	—	68.2	852	304	907	3,430
	Summit	CMW-10	12/3/1997	63.3	<3.75	0.11	<0.5	0.76	0.601	<1
	Summit	CMW-10	1/29/1998	—	—	39.6	242	<100	<100	280
	Summit	CMW-10	3/6/1998	50.1	<8.25	<25	428	107	26.6	218
	Summit	CMW-10	6/18/1998	94.1	<8.25	<76.4	810	213	701	2,450
	Summit	CMW-10	9/23/1998	110	<8.25	265	2,160	3,720	2,750	11,100
	Summit	CMW-10	12/4/1998	142	—	1,440	2,900	3,100	2,850	16,400
	Summit	CMW-10	3/25/1999	69.5	—	264	146	655	282	2,450
	Summit	CMW-10	6/15/1999	52.2	—	7.92	146	29.1	76	346
	ERM	CMW-10	10/7/1999	106	—	37.4	1,160	61.4	1,710	5,960
ERM	CMW-10	12/31/1999	106	—	21.0	156	329	426	3,660	
ERM	CMW-10	4/17/2000	74.5	—	18.1	342	395	348	2,874	
ERM	CMW-10	6/13/2000	248	—	27.3	567	417	591	2,950	
ERM	CMW-10	10/5/2000	8.7	—	21	729	152	1,310	3,530	
ERM	CMW-10	1/16/2001	36.9	—	23.9	977	87.9	1,460	3,880	
ERM	CMW-10	3/30/2001	91.1	—	19.6	700	78.5	1,230	3,170	
MTCA Method A Cleanup Levels for Groundwater <sup>4</sup>				0.5	0.5	0.8/1.0	5	1,000	700	1,000

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				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-10	ERM	CMW-10	6/29/2001	91.4	—	34.3	496	<50.0	1,410	2,870
	ERM	CMW-10	9/28/2001	118	ND	7.68	253	6.53	641	452
	ERM	CMW-10	12/17/2001	109	ND	16.3	505	19.6	1,410	4,530
	ERM	CMW-10	3/8/2002	422	—	6.42	29.1	29.9	109	1,000
	ERM	CMW-10	7/30/2002	205	—	25.8	587	57.0	1,230	5,940
	ERM	CMW-10	12/13/2002	169	—	12.4	90.5	9.71	658	1,670
	ERM	CMW-10	3/19/2003	447	—	22.9	226	37.9	860	4,680
	ERM	CMW-10	6/25/2003	94.9	—	30.3	320	66.1	1,180	6,590
	Farallon	093003-CMW10	9/30/2003	0.332	—	<0.50	<0.5	<0.5	<0.5	<1
	Farallon	CMW-121803-02	12/18/2003	38.5	—	21.7	187	59.2	1,170	7,190
	Farallon	CMW10-032504	3/25/2004	112	—	12.8	45	28.4	480	3,760
	Farallon	CMW10-062804-01	6/28/2004	385	—	26.1	49.4	59.9	1,050	7,330
	Farallon	CMW10-092104	9/21/2004	31.9	0.648	22.5	20.4	67.8	1,170	5,480
	Farallon	CMW10-122104	12/21/2004	36	<5.0	35.5	42.2	416	1,230	9,750
	Farallon	CMW10-033105	3/31/2005	49.9	<10.0	32.7	<25	543	993	8,070
	Farallon	CMW-10-070805	7/8/2005	281	<50	17.1	<25	176	295	3,240
	Farallon	CMW-10-093005	9/30/2005	43.2	<10	15.2	10.9	62.5	589	3,520
	Farallon	CMW-10-122805	12/28/2005	93.8	<10	10.1	11	17	291	1,950
	Farallon	CMW-10-032806	3/28/2006	1,070	<202	8.6	<5.00	25.6	75.0	1,540
	Farallon	CMW-10-042106	4/21/2006	161	<94.3 <sup>10</sup>	—	—	—	—	—
	Farallon	CMW-10-102006	10/20/2006	697 JH	45.5 JH	4.29	3.18	10.4	77.0	527 JL
	Farallon	CMW10-031308	3/13/2008	1.9 <sup>6</sup>	<0.43	0.930 <sup>7</sup>	1.2	1.7	4.7	103
	Farallon	QAQC-2-031308 <sup>8</sup>	3/13/2008	1.9 <sup>6</sup>	<0.42	1.000 <sup>7</sup>	1.2	1.8	4.9	107
	Farallon	CMW10-061708	6/17/2008	1.9	<0.41	1.300 <sup>7</sup>	<4.0	<4.0	12	179
	Farallon	CMW10-061708 <sup>8</sup>	6/17/2008	2.0	<0.40	1.300 <sup>7</sup>	<4.0	<4.0	12	181
	Farallon	CMW10-100108	10/1/2008	0.74	<0.40	3.500	1.9	4.8	64	750
	Farallon	CMW10-123008	12/30/2008	1.1 <sup>9</sup>	<0.40	6.100	4.1	5.3	140	1,290
	Farallon	CMW10-031909	3/19/2009	1.3 <sup>9</sup>	<0.46	1.600 <sup>7</sup>	<4.0	<4.0	13	204
	Farallon	CMW10-102809	10/28/2009	0.78 <sup>9</sup>	<0.40	8.100	2.7	2.9	140	1,440
	Farallon	QAQC-102809 <sup>8</sup>	10/28/2009	5.5 <sup>9</sup>	0.76 <sup>11</sup>	8.400	2.8	3.1	150	1,570
Farallon	CMW10-012610	1/26/2010	5.8	<0.65 <sup>10</sup>	1.100 <sup>7</sup>	<1.0	<1.0	3.5	76	
Farallon	QAQC-1-012610 <sup>8</sup>	1/26/2010	5.6	<0.63 <sup>10</sup>	1.200 <sup>7</sup>	<1.0	<1.0	3.7	74	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>



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				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-10	Farallon	CMW10-042010	4/20/2010	2.7 <sup>9</sup>	<0.41	0.560 <sup>7</sup>	<1.0	<1.0	<1.0	19.3
	Farallon	QA/QC-1-042010 <sup>8</sup>	4/20/2010	2.2 <sup>9</sup>	<0.41	0.660 <sup>7</sup>	<4.0	<4.0	<4.0	12
	Farallon	CMW10-072010	7/20/2010	2.3	<0.57 <sup>10</sup>	0.740 <sup>7</sup>	<1.0	<1.0	1.2	67
	Farallon	CMW-10-102110	10/21/2010	2.6	<0.47	7.200	<4.0	<4.0	10	1,430
	Farallon	CMW-10-012511	1/25/2011	0.79	<0.42	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	CMW-10-042611	4/26/2011	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-10-071811	7/18/2011	1.2	<0.42	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	CMW-10-102111	10/21/2011	1.48	<0.41	3.600	<4.0	<4.0	9.6	610
	Farallon	CMW-10-042712	4/27/2012	0.33	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-10-110112	11/1/2012	0.67 <sup>9</sup>	<0.41	0.840	1.7	<1.0	1.3	55
	Farallon	CMW-10-042313	4/23/2013	0.30	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-10-1023013	10/23/2013	1.3	<0.42	0.260 <sup>7</sup>	<1.0	<1.0	<1.0	6.9
	Farallon	CMW-10-042414	4/24/2014	0.28	<0.41	<100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-10-102914	10/29/2014	0.59	<0.41	0.300 <sup>7</sup>	1.3	<1.0	1.7	10.8
CMW-11	Summit	CMW-11	10/26/1994	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-11	11/10/1994	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-11	12/7/1994	<0.25	—	<0.05	160	<0.5	<0.5	<1
	Summit	CMW-11	1/9/1995	—	—	<0.05	180	2.1	<0.5	<1
	Summit	CMW-11	2/14/1995	—	—	<0.08	3,600	870	81	370
	Summit	CMW-11	3/10/1995	0.63	0.86	0.340	1,000	26	1.7	69
	Summit	CMW-11	6/15/1995	0.75	0.86	41	5,200	9,300	2,200	8,900
	Summit	CMW-11	9/7/1995	1.1	—	1.8	760	62	59	300
	Summit	CMW-11	12/18/1995	0.60	<0.75	<0.050	32	<0.5	<0.5	<1
	Summit	CMW-11	3/7/1996	0.45	<0.75	3.000	110	3.3	200	420
	Summit	CMW-11	6/6/1996	<0.25	—	<0.050	0.941	<0.5	<0.5	<1
	Summit	CMW-11	9/13/1996	0.25	—	0.053	23.8	<0.5	1.97	<1
	Summit	CMW-11	12/5/1996	0.329	—	<0.050	2.87	<0.5	<0.5	<1
	Summit	CMW-11	3/5/1997	0.341	<0.75	<0.050	10.2	<0.5	<0.5	<1
	Summit	CMW-11	6/24/1997	0.396	<0.75	0.072	17.3	<0.5	2.6	1.66
	Summit	CMW-11	9/3/1997	0.331	<0.75	<0.050	3.16	<0.5	<0.5	1.27
	Summit	CMW-11	12/3/1997	0.426	<0.75	<0.050	0.603	<0.5	<0.5	1.9
	Summit	CMW-11	3/6/1998	0.439	<0.75	<0.050	4.2	<0.5	<0.5	<1
	Summit	CMW-11	3/25/1999	0.621	—	0.971	14	3.66	32	106
ERM	CMW-11	4/17/2000	0.253	—	ND	0.716	ND	ND	1.82	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-11	ERM	CMW-11	3/30/2001	0.356	—	ND	0.967	ND	0.621	ND
	ERM	CMW-11	3/8/2002	<b>3.36</b>	—	ND	1.19	ND	ND	ND
	ERM	CMW-11	3/19/2003	<b>0.898</b>	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW11-032504	3/25/2004	<b>0.616</b>	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW11-033105	3/31/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-11-070805	7/8/2005	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-11-093005	9/30/2005	<b>0.681</b>	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-11-032806	3/28/2006	<b>0.776</b>	<0.476	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-11-102006	10/20/2006	<0.250	<0.500	<0.250	<2.50	<2.50	<2.50	<5.00
	Farallon	CMW11-031308	3/13/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW11-061708	6/17/2008	<0.27	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW11-100108	10/1/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW11-123008	12/30/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW11-031909	3/19/2009	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW11-102809	10/28/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW11-012610	1/26/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW11-042010	4/20/2010	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW11-072010	7/20/2010	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-11-102110	10/21/2010	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-11-012511	1/25/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW11-042711	4/27/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-11-071811	7/18/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-11-102111	10/21/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-12	Summit	CMW-12	11/8/1994	—	—	7.2	7,600	280	790	910
	Summit	CMW-12	12/6/1994	0.93	—	3	4,200	70	310	350
	Summit	CMW-12	1/5/1995	—	—	5.3	6,000	75	420	430
	Summit	CMW-12	2/14/1995	—	—	10	10,000	990	740	1,500
	Summit	CMW-12	3/10/1995	0.90	1.1	8.3	8,300	770	670	1,600
	Summit	CMW-12	4/6/1995	—	—	11	8,300	370	630	1,500
	Summit	CMW-12	5/3/1995	—	—	9.6	10,000	250	870	2,000
	Summit	CMW-12	6/15/1995	0.70	<0.75	23	13,000	1,100	1,600	4,600
	Summit	CMW-12	7/12/1995	—	—	12	9,400	140	980	2,500
	Summit	CMW-12	8/7/1995	—	—	6.1	7,200	43	710	1,000
	Summit	CMW-12	9/11/1995	0.96	—	4.5	4,400	11	470	570
	Summit	CMW-12	10/4/1995	—	—	9.3	5,900	<20	840	980
	Summit	CMW-12	11/2/1995	—	—	5.3	4,000	<20	540	520
	Summit	CMW-12	12/5/1995	0.90	<0.75	5.2	4,600	17	580	510
	Summit	CMW-12	1/9/1996	—	—	9.8	6,000	38	1,200	1,000
	Summit	CMW-12	2/15/1996	—	—	20	7,800	87	1,600	2,700
	Summit	CMW-12	3/6/1996	3.40	<0.75	27	8,900	130	1,600	3,200
	Summit	CMW-12	4/10/1996	—	—	14	4,900	46	1,200	1,800
	Summit	CMW-12	5/8/1996	—	—	9.52	6,320	30	1,080	1,480
	Summit	CMW-12	6/6/1996	1.62	—	6.57	4,380	25.8	642	743
Summit	CMW-12	7/10/1996	—	—	6.27	4,770	31.5	604	738	
Summit	CMW-12	8/7/1996	—	—	9.09	4,620	64.4	789	984	
Summit	CMW-12	9/10/1996	1.56	—	9.15	6,790	20.9	816	880	
Summit	CMW-12	10/11/1996	—	—	4.79	3,890	8.63	473	447	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

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**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
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Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-12	Summit	CMW-12	10/31/1996	—	—	4.55	3,500	10.5	461	381
	Summit	CMW-12	12/4/1996	1.73	—	3.37	3,680	11.0	436	320
	Summit	CMW-12	6/24/1997	2.31	<0.75	6.31	3,370	<0.5	542	544
	Summit	CMW-12	9/4/1997	2.03	<0.75	6.23	4,660	<11	354	310
	Summit	CMW-12	12/3/1997	1.44	<0.75	3.13	2,080	10.9	328	220
	Summit	CMW-12	3/5/1998	3.76	<0.75	7.25	2,960	36.2	608	609
	Summit	CMW-12	3/24/1999	4.8	—	10.4	2,600	79.2	826	2,260
	ERM	CMW-12	4/18/2000	2.8	—	ND	2,650	ND	243	499
	ERM	CMW-12	3/30/2001	0.41	—	ND	725	ND	47.4	23.3
	ERM	CMW-12	3/7/2002	10.2	—	4.28	660	7.05	307	455
	ERM	CMW-12	3/20/2003	4.23	—	2.01	351	4.58	135	170
	Farallon	CMW12-032404	3/24/2004	7.07	—	3.56	441	9.44	168	538
	Farallon	CMW12-033105	3/31/2005	4.03	<0.5	2.3	253	3.34	67.4	60.4
	Farallon	CMW-12-032806	3/28/2006	8.31	<2.40	1.89	87.2	1.72	71.1	18.5
	Farallon	CMW-12-101806	10/18/2006	1.66	<0.500	2.23 JH	146	2.57 JH	87.7 JH	128 JH
	Farallon	CMW12-031308	3/13/2008	<0.25	<0.40	0.760	22	<1.0	17	15
	Farallon	CMW12-061708	6/17/2008	<0.25	<0.40	0.780	21	<4.0	15	11
	Farallon	CMW12-100108	10/1/2008	<0.40	<0.41	0.800	18	<4.0	24	8.4
	Farallon	QA/QC-1-100108 <sup>8</sup>	10/1/2008	<0.45	<0.41	0.820	17	<1.0	23	7.7
	Farallon	CMW12-123008	12/30/2008	<0.26	<0.42	0.890	19	<1.0	28	14
	Farallon	CMW12-031909	3/19/2009	<0.28	<0.44	0.980	25	<4.0	26	20
	Farallon	CMW12-102809	10/28/2009	1.3	<0.40	0.440	7.2	<1.0	1.4	<2.0
	Farallon	QAQC3-102809 <sup>8</sup>	10/28/2009	1.4	0.41 <sup>10</sup>	0.460	7.4	<1.0	1.4	<2.0
	Farallon	CMW12-012610	1/26/2010	<0.39 <sup>10</sup>	<0.43	0.980	8.5	<1.0	12	4.3
	Farallon	CMW12-042010	4/20/2010	<0.61 <sup>10</sup>	<0.43	1.200	12	<4.0	17	14
	Farallon	CMW12-072110	7/21/2010	<0.44 <sup>10</sup>	<0.45	1.300 <sup>7</sup>	13	<1.0	25	16.2
Farallon	Dup-CMW12-072110 <sup>8</sup>	7/21/2010	<0.49 <sup>10</sup>	<0.44	1.300 <sup>7</sup>	13	<1.0	26	15	
Farallon	CMW-12-102110	10/21/2010	<0.36	<0.41	0.660	7.6	<1.0	4.6	2.6	
Farallon	dup-CMW-12-102110 <sup>8</sup>	10/21/2010	<0.46	<0.43	0.610	7.1	<1.0	5.1	2.4	
Farallon	CMW-12-012511	1/25/2011	<0.48	<0.41	1.100	6.2	<4.0	<4.0	4.4	
Farallon	QA/QC-2-012511 <sup>8</sup>	1/25/2011	<0.48	<0.41	1.100	6.4	<4.0	<4.0	4.2	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
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Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-12	Farallon	CMW12-042611	4/26/2011	<0.62 <sup>10</sup>	<0.41	1.500	9.7	<4.0	15	8.4
	Farallon	QA/QC-1-042611 <sup>8</sup>	4/26/2011	<0.63 <sup>10</sup>	<0.41	1.500	9.1	<4.0	15	8.1
	Farallon	CMW-12-071911	7/19/2011	<0.73 <sup>10</sup>	<0.43	1.600	11	<1.0	11	11
	Farallon	CMW-12-102111	10/21/2011	<0.41 <sup>10</sup>	<0.42	0.780	5.4	<1.0	1.6	1.2
	Farallon	DUP-2-102111 <sup>8</sup>	10/21/2011	<0.42 <sup>10</sup>	<0.41	0.750	5.4	<1.0	1.5	1.2
	Farallon	CMW-12-042612	4/26/2012	<0.90 <sup>10</sup>	<0.44	1.600	7.1	1.1	6.4	14
	Farallon	QA/QC-1-042612 <sup>8</sup>	4/26/2012	<0.84 <sup>10</sup>	<0.44	1.600	7.1	1.2	6.5	13
	Farallon	CMW-12-110112	11/1/2012	0.56 <sup>9</sup>	<0.41	0.850	4.7	<1.0	<1.0	1.5
	Farallon	DUP1-110112 <sup>8</sup>	11/1/2012	0.46 <sup>9</sup>	<0.41	0.890	5.1	<1.0	<1.0	2.0
	Farallon	CMW-12-042313	4/23/2013	<0.60 <sup>10</sup>	<0.43	0.390	2.6	<1.0	<1.0	1.6
	Farallon	DUP1-042313 <sup>8</sup>	4/23/2013	<0.52 <sup>10</sup>	<0.43	0.390	2.1	<1.0	<1.0	1.5
	Farallon	CMW-12-102313	10/23/2013	<0.55 <sup>10</sup>	<0.41	0.740	3.1	<1.0	<1.0	<2.0
	Farallon	DUP2-102313 <sup>8</sup>	10/23/2013	<0.48 <sup>10</sup>	<0.41	0.790	3.0	<1.0	<1.0	<2.0
	Farallon	CMW-12-042414	4/24/2014	<0.75 <sup>10</sup>	<0.41	1.600	4.3	<1.0	17	7.3
	Farallon	DUP-2-042414 <sup>8</sup>	4/24/2014	<0.75 <sup>10</sup>	<0.41	1.500	4.1	<1.0	16	7.1
Farallon	CMW-12-102914	10/29/2014	<0.50 <sup>10</sup>	<0.41	0.950	4.4	<1.0	<1.0	1.2	
Farallon	DUP-2-102914 <sup>8</sup>	10/29/2014	<0.61 <sup>10</sup>	<0.41	0.880	4.5	<1.0	<1.0	1.0	
CMW-13	Summit	CMW-13	11/8/1994	—	—	18	10,000	1,200	1,200	3,200
	Summit	CMW-13	12/6/1994	1.6	—	27	11,000	2,400	1,400	4,100
	Summit	CMW-13	1/9/1995	—	—	19	9,400	950	1,300	4,100
	Summit	CMW-13	2/14/1995	—	—	21	45	7.1	5.7	16
	Summit	CMW-13	3/10/1995	1.2	0.85	25	9,100	2,800	1,100	3,800
	Summit	CMW-13	6/15/1995	1.4	<0.75	58	20,000	9,600	2,200	8,900
	Summit	CMW-13	9/8/1995	3.1	—	18	9,300	80	1,300	3,200
	Summit	CMW-13	12/18/1995	2.4	<0.75	10	2,900	13	570	1,300
	Summit	CMW-13	2/15/1996	—	—	33	1,100	1,300	230	7,400
	Summit	CMW-13	3/6/1996	2.9	<0.75	2.3	380	6.4	<0.5	270
	Summit	CMW-13	6/6/1996	2.27	—	15.9	3,930	347	833	2,560
	Summit	CMW-13	9/13/1996	2.07	—	15.5	3,880	38.2	986	2,550
	Summit	CMW-13	10/11/1996	—	—	12.5	1,920	13.5	761	1,780
	Summit	CMW-13	10/31/1996	—	—	12.1	1,130	<0.5	754	1,810
	Summit	CMW-13	12/4/1996	2.11	—	5.4	812	3.56	355	724
	Summit	CMW-13	1/8/1997	—	—	0.101	13.9	1.01	<0.5	14.7
	Summit	CMW-13	2/4/1997	—	—	<0.05	1.52	<0.5	<0.5	<1
Summit	CMW-13	3/5/1997	<0.25	<0.75	<0.05	0.863	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

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**Auburn, Washington**  
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Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-13	Summit	CMW-13	4/7/1997	—	—	1.6	6.81	16.7	9.57	64.8
	Summit	CMW-13	5/8/1997	—	—	0.515	129	<0.5	28.9	49.1
	Summit	CMW-13	6/24/1997	2.63	<0.75	3.63	529	15	178	316
	Summit	CMW-13	7/7/1997	—	—	6.13 JH	835 JH	21.1 JH	266 JH	514 JH
	Summit	CMW-13	8/4/1997	—	—	9.56	2,640	188	307	1,340
	Summit	CMW-13	9/4/1997	2.7	<0.75	7.39	1,990	15.4	295	563
	Summit	CMW-13	10/16/1997	—	—	2.56	332	2.68	92.7	121
	Summit	CMW-13	11/13/1997	—	—	0.625	100	0.565	19.1	10.8
	Summit	CMW-13	12/3/1997	1.8	<0.75	0.424	112	<2.5	21.3	11.4
	Summit	CMW-13	1/29/1998	—	—	1.57	71.1	1.46	63.9	133
	Summit	CMW-13	3/5/1998	5.42	<0.75	0.628	112	1.2	29	27.8
	Summit	CMW-13	6/17/1998	4.31	<0.75	8.33	1,020	<0.5	228	1,020
	Summit	CMW-13	9/29/1998	2.14	<0.75	3.15	353	8.73	66.3	98
	Summit	CMW-13	12/4/1998	1.91	—	3.72	353	37	147	388
	Summit	CMW-13	3/24/1999	3.22	—	0.142	14.1	<0.5	11.7	8.44
	Summit	CMW-13	6/15/1999	4.53	—	8.38	840	<33.4	359	1,380
	ERM	CMW-13	10/7/1999	5.3	—	8.06	756	<25	395	1,010
	ERM	CMW-13	12/31/1999	2.3	—	1.26	203	3.47	210	90.5
	ERM	CMW-13	4/18/2000	2.66	—	5.23	721	14.7	569	928
	ERM	CMW-13	6/13/2000	1.45	—	4.22	385	6.91	363	611
	ERM	CMW-13	10/5/2000	2.11	—	3.69	225	ND	221	309
	ERM	CMW-13	12/26/2000	0.928	—	2.97	162	ND	79.8	113
	ERM	CMW-13	3/30/2001	0.853	—	3.68	132	ND	67.2	174
	ERM	CMW-13	6/29/2001	1.75	—	2.49	88.8	1.71	45.8	71.3
	ERM	CMW-13	9/28/2001	1.44	ND	0.714	33.9	0.603	1.38	1.95
	ERM	CMW-13	12/17/2001	2.52	ND	1.29	49.2	1.05	30.4	26.4
ERM	CMW-13	3/7/2002	2.52	ND	0.709	28.7	1.00	29.7	16.8	
ERM	CMW-13	7/30/2002	4.17	ND	3.56	156	2.43	176	223	
ERM	CMW-13	12/13/2002	1.95	ND	1.45	55.7	1.02	18.4	14.9	
ERM	CMW-13	3/20/2003	4.92	ND	1.40	25.0	1.12	28.5	13.1	
ERM	CMW-13	6/25/2003	6.33	ND	2.10	48.3	1.37	141	82.9	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-13	Farallon	093003-CMW13	9/30/2003	2.41	—	0.84	23.1	0.60	20.4	8.58
	Farallon	CMW-121803-01	12/18/2003	2.07	—	0.776	32.9	1.51	46.7	11.6
	Farallon	CMW13-032404	3/24/2004	6.87	—	1.81	25.2	1.57	315	150
	Farallon	CMW13-062804-01	6/28/2004	4.28	—	6.03	17.9	<2.5	966	685
	Farallon	CMW13-092104	9/21/2004	2.47	<0.5	3.71	13.1	<2.5	359	450
	Farallon	CMW13-122104	12/21/2004	1.58	<0.5	1.56	12.9	1.16	43.1	111
	Farallon	CMW13-033105	3/31/2005	2.63	<0.5	1.69	8.24	1.62	137	151
	Farallon	CMW-13-070705	7/7/2005	2.67	<0.5	3.56	8.23	1.94	227	194
	Farallon	CMW-13-093005	9/30/2005	2.59	<0.5	4.95	7.9	<2.5	430	360
	Farallon	CMW-13-122705	12/27/2005	1.53	<0.5	1.000	5.95	0.877	31.3	18.3
	Farallon	CMW-13-032806	3/28/2006	3.81	<0.495	0.439	4.48	0.747	22.5	6.31
	Farallon	CMW-13-101806	10/18/2006	1.68	<0.500	1.49	3.91	0.844	109	37.5
	Farallon	CMW13-031308	3/13/2008	<0.26	<0.42	<0.100	1.1	<1.0	<1.0	<2.0
	Farallon	CMW13-061708	6/17/2008	<0.26	<0.41	<0.100	1.1	<1.0	<1.0	<2.0
	Farallon	CMW13-100108	10/1/2008	<0.55	<0.43	1.000	<4.0	<4.0	21	11
	Farallon	CMW13-123008	12/30/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW13-031909	3/19/2009	<0.25	<0.40	<0.100	1.2	<1.0	<1.0	<2.0
	Farallon	CMW13-102909	10/29/2009	1.6	<0.40	0.860	2.2	<1.0	1.3	<1.0
	Farallon	CMW13-012609	1/26/2009	<0.27	<0.43	0.110	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW13-012609	4/20/2010	<0.26	<0.41	0.120	<1.0	<1.0	2.7	<2.0
	Farallon	CMW-13-072010	7/20/2010	<0.28	<0.45	0.140	<1.0	<1.0	2.6	<2.0
	Farallon	CMW-13-102110	10/21/2010	<0.60	<0.43	0.840	2.2	<1.0	5.5	4.5
	Farallon	CMW-13-012511	1/25/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW13-042711	4/27/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-13-071911	7/19/2011	<0.31	<0.50	0.130	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW13-102011	10/20/2011	<0.30	<0.46	0.460	1.7	<1.0	<1.0	<2.0
Farallon	CMW-13-042612	4/26/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-13-110112	11/1/2012	<0.26	<0.42	0.170	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-13-042213	4/22/2013	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-13-102213	10/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-13-042414	4/24/2014	<0.25	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-13-102814	10/28/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-15	Summit	CMW-15	12/14/1994	—	—	0.14	120	14	0.86	13
	Summit	CMW-15	1/10/1995	—	—	0.72	760	37	46	110
	Summit	CMW-15	2/14/1995	—	—	1.4	1,400	<0.5	130	180
	Summit	CMW-15	3/9/1995	0.44	<0.75	2.0	2,000	27	170	290
	Summit	CMW-15	4/5/1995	—	—	2.9	2,300	13	220	320
	Summit	CMW-15	5/3/1995	—	—	2.0	2,600	2.7	210	220
	Summit	CMW-15	6/15/1995	<0.25	<0.75	1.4	1,100	1.3	140	82
	Summit	CMW-15	7/12/1995	—	—	1.3	940	19	120	64
	Summit	CMW-15	8/7/1995	—	—	1.6	1,000	<2	210	90
	Summit	CMW-15	8/25/1995	—	—	1.6	730	0.82	160	83
	Summit	CMW-15	9/11/1995	0.57	—	1.1	490	<2	130	52
	Summit	CMW-15	10/4/1995	—	—	1.0	450	<2	120	42
	Summit	CMW-15	11/2/1995	—	—	0.950	360	4.6	110	48
	Summit	CMW-15	12/18/1995	0.35	<0.75	0.430	80	1	48	3.7
	Summit	CMW-15	1/9/1996	—	—	0.300	73	0.66	35	3
	Summit	CMW-15	2/14/1996	—	—	0.620	310	<0.5	71	9.9
	Summit	CMW-15	3/6/1996	0.63	<0.75	1.100	410	2.5	100	31
	Summit	CMW-15	4/10/1996	—	—	0.380	13	0.75	26	1.2
	Summit	CMW-15	5/8/1996	—	—	0.236	28	0.53	12.4	<1
	Summit	CMW-15	6/5/1996	0.756	—	0.514	211	0.802	56.5	2.19
	Summit	CMW-15	7/10/1996	—	—	0.226	23	<0.5	16.3	<1
	Summit	CMW-15	8/7/1996	—	—	0.268	8.77	<0.5	21.3	1.04
	Summit	CMW-15	9/12/1996	0.414	—	0.298	90.9	<0.5	29.3	6.14
	Summit	CMW-15	10/10/1996	—	—	0.572	241	0.647	48.3	20.8
	Summit	CMW-15	10/30/1996	—	—	0.656	192	0.817	61.2	22.2
	Summit	CMW-15	12/4/1996	0.397	—	0.328	140	<0.5	23.4	2.40
	Summit	CMW-15	1/8/1997	—	—	0.0852	<8.64	<0.5	<0.5	<1
	Summit	CMW-15	1/8/1997	—	—	0.76	8.52	<0.5	<0.5	<1
	Summit	CMW-15	2/4/1997	—	—	131	71.3	<0.5	3.54	<1
	Summit	CMW-15	2/4/1997	—	—	87.3	51.7	<0.5	2.36	<1
Summit	CMW-15	3/5/1997	0.455	<0.75	<0.05	1.9	<0.5	<0.5	<1	
Summit	CMW-15	4/7/1997	—	—	<0.05	1.82	<0.5	<0.5	<1	
Summit	CMW-15	4/7/1997	—	—	<0.05	1.82	<0.5	<0.5	<1	
Summit	CMW-15	5/8/1997	—	—	0.0768	3.34	<0.5	2.39	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>



**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-15	Summit	CMW-15	5/8/1997	—	—	0.0686	3.56	<0.5	2.51	<1
	Summit	CMW-15	6/24/1997	<b>0.867</b>	<b>0.774</b>	0.102	<b>5.91</b>	<0.5	2.58	<1
	Summit	CMW-15	7/7/1997	—	—	0.122	<b>14.3</b>	<0.5	3.85	<1
	Summit	CMW-15	7/7/1997	—	—	0.145	<b>12.5</b>	0.626	3.63	<1
	Summit	CMW-15	8/4/1997	—	—	0.16	1.85	<0.5	0.67	<1
	Summit	CMW-15	8/4/1997	—	—	0.168	1.74	<0.5	0.62	<1
	Summit	CMW-15	9/4/1997	—	—	0.132	1.96	<0.5	<0.5	<1
	Summit	CMW-15	10/16/1997	—	—	0.181	<b>71.1</b>	<0.5	1.85	<1
	Summit	CMW-15	10/16/1997	—	—	0.22	<b>73.3</b>	0.532	1.92	1.16
	Summit	CMW-15	11/13/1997	—	—	0.27	<b>103</b>	0.532	<0.5	<1
	Summit	CMW-15	11/13/1997	—	—	0.26	<b>103</b>	0.533	<0.5	<1
	Summit	CMW-15	12/2/1997	<b>0.704</b>	< <b>0.75</b>	0.0991	<b>21</b>	<0.5	<0.5	<1
	Summit	CMW-15	1/29/1998	—	—	0.0878	<b>9.19</b>	<0.5	<0.5	<1
	Summit	CMW-15	3/5/1998	0.445	< <b>0.75</b>	0.0758	2.06	<0.5	<0.5	<1
	Summit	CMW-15	6/18/1998	0.417	< <b>0.75</b>	0.0595	<0.5	<0.5	<0.5	<1
	Summit	CMW-15	9/23/1998	0.29	< <b>0.75</b>	0.059	<0.5	<0.5	<0.5	<1
	Summit	CMW-15	12/4/1998	0.251	—	0.0595	<0.5	<0.5	<0.5	<1
	Summit	CMW-15	3/23/1999	0.319	—	0.093	<b>7.6</b>	<0.5	8.85	<1
	Summit	CMW-15	6/14/1999	<b>0.879</b>	—	0.069	<0.5	<0.5	<0.5	<1
	ERM	CMW-15	10/8/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-15	12/31/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-15	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-15	6/13/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-15	10/5/2000	<b>0.587</b>	—	0.066	1.5	ND	ND	1.17
	ERM	CMW-15	12/26/2000	ND	—	0.081	0.57	ND	ND	ND
	ERM	CMW-15	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-15	6/29/2001	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
ERM	CMW-15	9/28/2001	0.297	ND	ND	ND	ND	ND	ND	
ERM	CMW-15	12/17/2001	ND	ND	ND	ND	0.802	ND	ND	
ERM	CMW-15	3/6/2002	<b>0.762</b>	—	ND	0.581	ND	ND	ND	
ERM	CMW-15	7/30/2002	<b>1.28</b>	—	ND	ND	ND	ND	ND	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-15	ERM	CMW-15	12/12/2002	<b>0.603</b>	—	0.0574	ND	ND	ND	ND
	ERM	CMW-15	3/20/2003	0.475	—	0.513	<0.5	<0.5	<0.5	<1
	ERM	CMW-15	6/24/2003	<b>0.731</b>	—	ND	ND	ND	ND	ND
	Farallon	093003-CMW15	9/30/2003	<b>0.686</b>	—	< 0.050	<0.5	<0.5	<0.5	<1
	Farallon	CMW-121703-03	12/17/2003	0.417	—	< 0.05	< 0.5	< 0.5	< 0.5	< 1
	Farallon	CMW15-032404	3/24/2004	<b>0.847</b>	—	<0.05	0.974	<0.5	0.92	1.71
	Farallon	CMW15-062804-01	6/28/2004	0.65	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW15-092104	9/21/2004	<b>0.775</b>	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW15-122104	12/21/2004	0.44	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW15-033105	3/31/2005	<b>0.508</b>	<0.5	0.551	<0.5	<0.5	<0.5	<1
	Farallon	CMW-15-070705	7/7/2005	<b>0.887</b>	<0.5	0.0624	0.535	<0.5	<0.5	<1
	Farallon	CMW-15-093005	9/30/2005	<b>0.568</b>	<0.5	0.0567	<0.5	<0.5	<0.5	<1
	Farallon	CMW-15-122805	12/28/2005	0.266	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-15-032706	3/27/2006	<b>0.525</b>	<0.472	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-15-101906	10/19/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW15-031308	3/13/2008	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW15-061708	6/17/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW15-100208	10/2/2008	<0.25	<0.40	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	CMW15-123008	12/30/2008	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<1.0
	Farallon	CMW15-031909	3/19/2009	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<1.0
Farallon	CMW15-102909	10/29/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<1.0	
Farallon	CMW15-012610	1/26/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<1.0	
Farallon	CMW15-042010	4/20/2010	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<1.0	
Farallon	CMW15-072010	7/20/2010	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-15-102210	10/22/2010	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-15-012511	1/25/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW15-042711	4/27/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-15-071911	7/19/2011	<0.29	<0.47	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW15-102111	10/21/2011	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0	
CMW-16	Summit	CMW-16	12/15/1994	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-16	1/11/1995	—	—	<0.05	2.8	<0.5	<0.5	<1
	Summit	CMW-16	2/13/1995	—	—	<0.08	<b>79</b>	<0.5	<0.5	<1
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-17	Summit	CMW-17	12/15/1994	—	—	0.095	<b>1,500</b>	<0.5	<0.5	<1
	Summit	CMW-17	1/12/1995	—	—	0.058	<b>1,000</b>	<0.5	<0.5	<1
	Summit	CMW-17	2/9/1995	—	—	<0.05	<b>170</b>	<0.5	<0.5	<1
	Summit	CMW-17	3/9/1995	<0.25	<b>&lt;0.75</b>	<0.05	<b>12</b>	<0.5	<0.5	<1
	Summit	CMW-17	4/5/1995	—	—	<0.050	4.4	0.77	<0.5	<1
	Summit	CMW-17	5/2/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	6/13/1995	<0.25	<b>&lt;0.75</b>	<0.050	<b>340</b>	1.4	1.1	6.8
	Summit	CMW-17	7/12/1995	—	—	0.500	<b>1,200</b>	8.8	20	38
	Summit	CMW-17	8/7/1995	—	—	0.580	<b>1,600</b>	1.1	37	58
	Summit	CMW-17	9/8/1995	0.27	—	0.290	<b>680</b>	<0.5	25	13
	Summit	CMW-17	10/3/1995	—	—	0.140	<b>640</b>	<0.5	7.6	1.7
	Summit	CMW-17	11/2/1995	—	—	0.180	<b>130</b>	<0.5	11	13
	Summit	CMW-17	12/15/1995	0.30	<b>0.88</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	1/9/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	2/13/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	3/6/1996	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	4/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	5/7/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	6/4/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	7/9/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	8/6/1996	—	—	<0.050	<b>26.6</b>	<0.5	<0.5	<1
	Summit	CMW-17	9/9/1996	0.277	—	<0.050	0.786	<0.5	<0.5	<1
	Summit	CMW-17	10/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	10/30/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	12/2/1996	0.275	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	1/8/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	2/4/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	3/4/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	4/7/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	5/8/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
Summit	CMW-17	6/23/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-17	7/7/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-17	8/4/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-17	9/3/1997	0.473	—	<0.050	<b>58.8</b>	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-17	Summit	CMW-17	10/16/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	11/13/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	12/2/1997	<0.25	<b>1.06</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	1/29/1998	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	3/4/1998	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	6/18/1998	<b>0.531</b>	<b>&lt;0.75</b>	<0.050	1.73	<0.5	<0.5	<1
	Summit	CMW-17	9/23/1998	<b>0.744</b>	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	12/4/1998	<b>0.616</b>	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	3/23/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-17	6/14/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-17	10/7/1999	<0.25	—	<0.050	3.74	<0.5	<0.5	<1
	ERM	CMW-17	12/31/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-17	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-17	6/13/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-17	10/5/2000	<b>1.32</b>	—	ND	ND	ND	ND	1.16
	ERM	CMW-17	12/26/2000	0.33	—	ND	ND	ND	ND	ND
	ERM	CMW-17	3/30/2001	0.349	—	ND	ND	ND	ND	ND
	ERM	CMW-17	6/29/2001	0.491	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-17	9/28/2001	<b>0.798</b>	ND	ND	ND	ND	ND	ND
	ERM	CMW-17	12/17/2001	0.325	ND	ND	ND	ND	ND	ND
	ERM	CMW-17	3/6/2002	ND	ND	ND	ND	ND	ND	ND
	ERM	CMW-17	7/29/2002	<b>1.61</b>	ND	ND	ND	ND	ND	ND
	ERM	CMW-17	12/12/2002	<b>0.802</b>	ND	ND	ND	ND	ND	ND
	ERM	CMW-17	6/24/2003	ND	—	ND	ND	ND	ND	ND
	Farallon	093003-CMW17	9/30/2003	<b>1.19</b>	—	< 0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-121703-02	12/17/2003	0.331	—	< 0.05	< 0.5	0.513	<0.5	< 1
	Farallon	CMW17-032304	3/23/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW17-062804-01	6/28/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW17-092104	9/21/2004	<b>0.806</b>	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW17-122104	12/21/2004	0.341	<0.5	<0.05	<0.5	<0.5	<0.5	<1
Farallon	CMW17-033005	3/30/2005	<0.291	<b>&lt;0.581</b>	<0.05	<0.5	<0.5	<0.5	<1	
Farallon	CMW-17-070705	7/7/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1	
Farallon	CMW-17-092905	9/29/2005	0.373	<0.5	<0.05	<0.5	<0.5	<0.5	<1	
Farallon	CMW-17-122705	12/27/2005	0.366	<0.5	<0.05	<0.5	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-17	Farallon	CMW-17-032706	3/27/2006	—	—	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-17-042106	4/21/2006	<0.245 <sup>5</sup>	<0.490 <sup>5</sup>	—	—	—	—	—
	Farallon	CMW-17-101806	10/18/2006	<b>0.629</b>	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW17-031308	3/13/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW17-061708	6/17/2008	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW17-100208	10/2/2008	<0.28	<0.45	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	CMW17-123108	12/31/2008	<0.30	<0.48	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW17-032009	3/20/2009	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW17-012710	1/27/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW17-042010	4/20/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-17-072010	7/20/2010	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW17-042611	4/26/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-17-071911	7/19/2011	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW17-102011	10/20/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
CMW-18	Summit	CMW-18	12/16/1994	—	—	<0.05	3.4	<0.5	<0.5	<1
	Summit	CMW-18	1/11/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-18	8/25/1995	—	—	<0.050	1.1	0.88	<0.5	3.3
CMW-19	Summit	CMW-19	12/19/1994	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	1/10/1995	—	—	<0.05	<0.5	0.54	<0.5	<1
	Summit	CMW-19	2/14/1995	—	—	<0.08	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	3/9/1995	<0.25	<b>&lt;0.75</b>	<0.05	<b>7.7</b>	<0.5	<0.5	<1
	Summit	CMW-19	6/14/1995	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	7/12/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	8/4/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	9/11/1995	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	10/4/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	11/2/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	12/15/1995	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	1/9/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	2/14/1996	—	—	<0.050	0.55	<0.5	<0.5	<1
Summit	CMW-19	3/6/1996	<0.25	<b>&lt;0.75</b>	<0.050	0.52	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-19	Summit	CMW-19	4/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	5/8/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	6/5/1996	0.318	—	<0.050	4.88	<0.5	<0.5	<1
	Summit	CMW-19	7/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	8/7/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	9/12/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	12/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	3/5/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	3/5/1998	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-19	3/23/1999	<0.35	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-19	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-19	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-19	3/6/2002	0.314	—	ND	ND	ND	ND	ND
	ERM	CMW-19	7/30/2002	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-19	12/12/2002	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-19	3/20/2003	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-19	6/24/2003	ND	—	ND	ND	ND	ND	ND
	Farallon	CMW-121703-04	12/17/2003	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW19-032404	3/24/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW19-062804-01	6/28/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW19-122104	12/21/2004	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW19-033105	3/31/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-19-070705	7/7/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
Farallon	CMW-19-122805	12/28/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1	
Farallon	CMW-19-032706	3/27/2006	<0.240	<0.481	<0.050	<0.500	<0.500	<0.500	<1.00	
Farallon	CMW-19-101906	10/19/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00	
Farallon	CMW19-031308	3/13/2008	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW19-100208	10/2/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0	
CMW-20	Summit	CMW-20	12/19/1994	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-20	1/12/1995	—	—	<0.05	<b>37</b>	<0.5	<0.5	<1
	Summit	CMW-20	2/9/1995	—	—	<0.05	<b>41</b>	<0.5	<0.5	<1
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-20	Summit	CMW-20	3/7/1995	0.26	<0.75	<0.05	31	<0.5	<0.5	<1
	Summit	CMW-20	6/13/1995	<0.25	<1.5	<0.050	21	<0.5	<0.5	<1
	Summit	CMW-20	9/6/1995	0.35	—	<0.050	1.2	<0.5	<0.5	<1
	Summit	CMW-20	12/15/1995	0.48	<0.75	<0.050	96	<0.5	<0.5	<1
	Summit	CMW-20	3/4/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-20	6/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-20	3/3/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-20	3/4/1998	0.299	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-20	3/23/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-20	10/7/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-20	12/31/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-20	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-20	6/13/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-20	10/5/2000	0.382	—	ND	ND	ND	ND	ND
	ERM	CMW-20	12/26/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-20	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-20	6/20/2001	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-20	9/28/2001	ND	ND	ND	ND	ND	ND	ND
	ERM	CMW-20	12/17/2001	ND	ND	ND	ND	ND	ND	ND
	ERM	CMW-20	3/6/2002	0.571	—	ND	ND	ND	ND	ND
	ERM	CMW-20	7/29/2002	1.21	—	ND	ND	ND	ND	ND
	ERM	CMW-20	12/12/2002	0.518	—	ND	ND	ND	ND	ND
	ERM	CMW-20	6/24/2003	0.472	—	ND	ND	ND	ND	ND
	Farallon	093003-CMW20	9/30/2003	0.389	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-121703-01	12/17/2003	0.662	—	<0.05	<0.5	0.83	<0.5	<1
	Farallon	CMW20-032304	3/23/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW20-062804-01	6/28/2004	0.837	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW20-092104	9/21/2004	0.579	<0.5	<0.05	<0.5	<0.5	<0.5	<1
Farallon	CMW20-122104	12/21/2004	0.579	<0.5	<0.05	<0.5	<0.5	<0.5	<1	
Farallon	CMW20-033005	3/30/2005	0.41	<0.5	<0.05	<0.5	<0.5	<0.5	<1	
Farallon	CMW-20-070705	7/7/2005	0.533	<0.5	<0.05	<0.5	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-20	Farallon	CMW-20-092905	9/29/2005	0.404	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-20-122705	12/27/2005	0.438	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-20-032706	3/27/2006	<0.248	<0.495	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-20-101806	10/18/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW20-031308	3/13/2008	<0.25	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW20-061708	6/17/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW20-100208	10/2/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW20-123108	12/31/2008	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW20-032009	3/20/2009	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
CMW-21	Summit	CMW-21	12/30/1994	—	—	<0.05	3.2	0.87	<0.5	2.5
	Summit	CMW-21	1/10/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	2/10/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	3/7/1995	<0.25	<0.75	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	6/13/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	9/7/1995	0.26	—	<0.050	76	<0.5	<0.5	<1
	Summit	CMW-21	12/15/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	3/4/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	6/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	9/11/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	12/2/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	3/4/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	6/23/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	9/3/1997	0.296	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	12/2/1997	0.263	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	3/4/1998	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-21	3/23/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-21	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-21	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-21	3/6/2002	ND	—	ND	ND	ND	ND	ND
ERM	CMW-21	7/29/2002	ND	—	ND	ND	ND	ND	ND	
ERM	CMW-21	12/12/2002	ND	—	ND	ND	ND	ND	ND	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>



**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-21	ERM	CMW-21	6/24/2003	ND	—	ND	ND	ND	ND	ND
	Farallon	CMW21-032304	3/23/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW21-062804-01	6/28/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW21-033005	3/30/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-21-070705	7/7/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-21-032706	3/27/2006	<0.236	<0.472	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-21-101806	10/18/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW21-031308	3/13/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW21-100208	10/2/2008	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
CMW-22	Summit	CMW-22	12/29/1994	—	—	<0.05	<b>170</b>	<0.5	<0.5	<1
	Summit	CMW-22	1/10/1995	—	—	<0.05	<b>30</b>	<0.5	<0.5	<1
	Summit	CMW-22	2/9/1995	—	—	<0.05	3.1	<0.5	<0.5	<1
	Summit	CMW-22	3/7/1995	<0.25	<b>&lt;0.75</b>	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-22	6/13/1995	<0.25	<b>&lt;0.75</b>	<0.050	<b>50</b>	<0.5	<0.5	1.2
	Summit	CMW-22	9/7/1995	0.37	—	0.130	<b>820</b>	<0.5	5.2	7.4
	Summit	CMW-22	12/15/1995	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-22	3/4/1996	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-22	6/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-22	9/11/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-22	12/2/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-22	3/3/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
Summit	CMW-22	3/4/1998	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1	
CMW-23	Summit	CMW-23	12/30/1994	—	—	<0.05	4.6	<0.5	<0.5	<1
	Summit	CMW-23	1/12/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	2/9/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	3/7/1995	0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	4/5/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	5/2/1995	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	6/13/1995	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	7/12/1995	—	—	<0.050	<b>5</b>	<0.5	<0.5	<1
Summit	CMW-23	8/7/1995	—	—	<0.050	<b>220</b>	<2	<2	<4	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-23	Summit	CMW-23	9/6/1995	<0.25	—	<0.050	<b>280</b>	<0.5	<0.5	<1
	Summit	CMW-23	10/3/1995	—	—	<0.050	<b>93</b>	<0.5	<0.5	<1
	Summit	CMW-23	11/2/1995	—	—	<0.050	3.2	<0.5	<0.5	<1
	Summit	CMW-23	12/5/1995	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	1/9/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	2/13/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	3/4/1996	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	4/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	5/7/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	6/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	7/9/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	8/6/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	9/11/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	10/10/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	10/30/1996	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	12/2/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	1/8/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	2/4/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	3/3/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	4/7/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	5/8/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	6/23/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	7/7/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	8/4/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	9/3/1997	0.318	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	1.08
	Summit	CMW-23	10/16/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1
Summit	CMW-23	11/13/1997	—	—	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-23	12/2/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-23	1/29/1998	—	—	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-23	3/4/1998	0.263	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1	
Summit	CMW-23	6/18/1998	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-23	Summit	CMW-23	9/23/1998	0.314	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	12/4/1998	0.433	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-23	3/23/1999	0.261	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-23	6/14/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-23	7/29/2002	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-23	12/12/2002	<b>0.678</b>	—	ND	ND	ND	ND	ND
	ERM	CMW-23	3/19/2003	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-23	6/24/2003	ND	—	ND	ND	ND	ND	ND
	Farallon	CMW-121703-05	12/17/2003	<0.25	—	< 0.05	< 0.5	< 0.5	< 0.5	< 1
	Farallon	CMW23-032304	3/23/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW23-122104	12/21/2004	0.253	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW23-033005	3/30/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-23-070705	7/7/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-23-122805	12/28/2005	0.257	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-23-032706	3/27/2006	<0.240	<0.481	<0.050	<0.500	<0.500	<0.500	<1.00
Farallon	CMW-23-101806	10/18/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00	
Farallon	CMW23-031308	3/13/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0	
CMW-24	Summit	CMW-24	1/4/1995	—	—	0.088	<b>6.8</b>	<0.5	<0.5	<1
	Summit	CMW-24	1/4/1995	—	—	0.088	<b>6.8</b>	<0.5	<0.5	<1
	Summit	CMW-24	2/9/1995	—	—	0.098	2.6	<0.5	<0.5	<1
	Summit	CMW-24	3/7/1995	<b>0.56</b>	<0.75	<0.05	<b>29</b>	3.1	<0.5	1.1
	Summit	CMW-24	6/14/1995	<b>1.1</b>	<0.75	0.059	<0.5	<0.5	<0.5	<1
	Summit	CMW-24	9/7/1995	0.43	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-24	12/18/1995	<b>0.57</b>	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-24	3/5/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-24	6/5/1996	0.302	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-24	9/11/1996	0.477	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-24	12/3/1996	0.436	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-24	3/4/1998	0.288	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-24	3/22/1999	0.282	—	<0.050	<0.5	<0.5	<0.5	<1
ERM	CMW-24	4/17/2000	ND	—	ND	ND	ND	ND	ND	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
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**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-24	ERM	CMW-24	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	CMW-24	3/8/2002	0.308	—	ND	ND	ND	ND	ND
	ERM	CMW-24	3/17/2003	0.260	—	<0.050	<0.5	<0.5	<0.5	<1
	Farallon	CMW24-032404	3/24/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW24-033005	3/30/2005	<0.278	<b>&lt;0.556</b>	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	CMW-24-032706	3/27/2006	<0.240	<0.481	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW-24-101906	10/19/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW24-031208	3/12/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW24-061708	6/17/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW24-100108	10/1/2008	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW24-123008	12/30/2008	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW24-031909	3/19/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
CMW-25	Summit	CMW-25	11/16/1995	—	—	<b>50</b>	<b>5,900</b>	<b>1,100</b>	<b>3,000</b>	<b>11,000</b>
	Summit	CMW-25	6/5/1996	0.560	—	<b>2.83</b>	<b>35.5</b>	2.53	106	201
	Summit	CMW-25	9/11/1996	1.610	—	<b>37.1</b>	<b>876</b>	236	<b>1,950</b>	<b>9,270</b>
	Summit	CMW-25	12/5/1996	1.30	—	<b>14.4</b>	<b>631</b>	11.5	<b>1,040</b>	<b>2,420</b>
	Summit	CMW-25	3/6/1997	0.462	<b>&lt;0.75</b>	<0.05	<0.5	<0.5	<0.5	<1
	Summit	CMW-25	6/23/1997	0.378	<b>&lt;0.75</b>	<0.05	1.74	<0.5	<0.5	<1
	Summit	CMW-25	9/3/1997	<b>1.52</b>	<b>&lt;0.75</b>	<b>10.4</b>	<b>115</b>	17.8	481	<b>1,700</b>
	Summit	CMW-25	3/6/1998	<b>5.26</b>	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	CMW-25	3/25/1999	0.401	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	CMW-25	4/17/2000	0.267	—	ND	ND	ND	ND	ND
	ERM	CMW-25	3/30/2001	<b>1.01</b>	—	<b>9.84</b>	ND	ND	440	<b>1,020</b>
	ERM	CMW-25	3/8/2002	<b>0.949</b>	—	ND	ND	ND	ND	ND
	ERM	CMW-25	12/12/2002	<b>1.41</b>	—	—	—	—	—	—
	ERM	CMW-25	3/19/2003	<b>8.20</b>	—	<b>12.5</b>	<0.5	<0.5	250	870
	Farallon	CMW25-032504	3/25/2004	0.39	—	<0.05	<0.5	<0.5	0.58	1.52
	Farallon	CMW25-033105	3/31/2005	<b>2.45</b>	<0.5	<b>1.86</b>	1.53	1.14	14.7	1.41
	Farallon	CMW25-093005	9/30/2005	<b>0.917</b>	<0.5	<b>0.869</b>	0.914	<0.5	4.47	<1
	Farallon	CMW-25-032806	3/28/2006	0.367	<0.472	<0.050	<0.500	<0.500	<0.500	<1.00
Farallon	CMW-25-101906	10/19/2006	0.353	<b>&lt;0.571</b>	0.305 JH	0.827 JH	<0.500	<0.500	<1.00	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-25	Farallon	CMW25-041007	4/10/2007	<0.250	<0.500	—	—	—	—	—
	Farallon	CMW25-031308	3/13/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW25-061608	6/16/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW25-100108	10/1/2008	<0.25	<0.40	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	CMW25-123008	12/30/2008	<0.33	<0.52	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW25-031909	3/19/2009	<0.25	<0.40	0.130	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW25-102809	10/28/2009	0.29	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW25-012610	1/26/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW25-042010	4/20/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-25-072010	7/20/2010	<0.28	<0.45	0.120	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-25-102110	10/21/2010	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-25-012511	1/25/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	1.6
	Farallon	CMW-25-042611	4/26/2011	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-25-071811	7/18/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW25-102111	10/21/2011	<0.28	<0.45	0.110	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-25-042712	4/27/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-25-110112	11/1/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-25-042213	4/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-25-102213	10/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW-25-042314	4/23/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-25-102814	10/28/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
CMW-26	Farallon	CMW-26-081707	8/17/2007	<0.236	<0.472	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	CMW26-031308	3/13/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW26-061608	6/16/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW26-100108	10/1/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW26-123008	12/30/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW26-031909	3/19/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW26-102809	10/28/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW26-012610	1/26/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW26-042010	4/20/2010	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-072010	7/20/2010	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-102110	10/21/2010	<0.29	<0.47	<0.100	<1.0	<1.0	<1.0	<2.0
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-26	Farallon	CMW-26-012511	1/25/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-042611	4/26/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-071811	7/18/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-102011	10/20/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-042712	4/27/2012	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-103112	10/31/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-042213	4/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-102213	10/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-26-042414	4/24/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW-26-102914	10/29/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
CMW-27	Farallon	CMW27-031308	3/13/2008	<b>1.2<sup>6</sup></b>	<0.39	<b>2.600</b>	<b>40</b>	<1.0	220	245.5
	Farallon	CMW27-061708	6/17/2008	<b>1.0</b>	<0.40	<b>2.300</b>	<b>33</b>	<4.0	110	211
	Farallon	CMW27-061708 <sup>s</sup>	6/17/2008	<b>1.1</b>	<0.40	<b>2.300</b>	<b>35</b>	<4.0	110	200
	Farallon	CMW27-100108	10/1/2008	< <b>0.75</b>	<0.40	<b>2.600</b>	<b>37</b>	<4.0	100	273
	Farallon	QA/QC-2-100108 <sup>s</sup>	10/1/2008	< <b>0.65</b>	<0.40	<b>2.600</b>	<b>35</b>	<1.0	99	271
	Farallon	CMW27-123008	12/30/2008	<b>0.64<sup>9</sup></b>	<0.44	<b>2.400</b>	<b>34</b>	<4.0	64	243
	Farallon	QA/QC-2-123008 <sup>s</sup>	12/30/2008	<b>0.66<sup>9</sup></b>	<0.44	<b>2.500</b>	<b>32</b>	<1.0	74	273
	Farallon	CMW27-031909	3/19/2009	<0.27	<0.43	<b>4.000</b>	<b>49</b>	<10.0	170	41.5
	Farallon	QAQC1-031909 <sup>s</sup>	3/19/2009	<0.25	<0.40	<b>4.200</b>	<b>48</b>	<4.0	170	424
	Farallon	CMW27-102809	10/28/2009	<b>2.3<sup>9</sup></b>	0.43 <sup>10</sup>	<b>3.700</b>	<b>32</b>	1.6	180	354
	Farallon	QAQC2-102809 <sup>s</sup>	10/28/2009	<b>2.6<sup>9</sup></b>	0.50 <sup>10</sup>	<b>3.900</b>	<b>32</b>	1.6	160	304
	Farallon	CMW27-012610	1/26/2010	<b>0.93<sup>9</sup></b>	<0.41	<b>4.500<sup>7</sup></b>	<b>25</b>	1.4	100	180
	Farallon	QAQC-2-012610 <sup>s</sup>	1/26/2010	<b>1.0<sup>9</sup></b>	<0.40	<b>4.000<sup>7</sup></b>	<b>24</b>	1.4	100	179.7
	Farallon	CMW27-042010	4/20/2010	<b>2.5<sup>9</sup></b>	<0.41	<b>2.300</b>	<b>28</b>	<4.0	84	88
	Farallon	QA/QC-2-042010 <sup>s</sup>	4/20/2010	<b>3.0<sup>9</sup></b>	<0.41	<b>2.400</b>	<b>26</b>	<4.0	87	94
	Farallon	CMW27-072110	7/21/2010	<b>3.8<sup>9</sup></b>	<0.61 <sup>11</sup>	<b>2.800</b>	<b>36</b>	<4.0	150	150
	Farallon	Dup-CMW27-072110 <sup>s</sup>	7/21/2010	<b>2.2<sup>9</sup></b>	<0.42	<b>2.900</b>	<b>37</b>	<4.0	150	150
	Farallon	CMW-27-102110	10/21/2010	<b>1.5<sup>9</sup></b>	<0.43	<b>1.400</b>	<b>23</b>	<4.0	69	41
	Farallon	dup-CMW-27-102110 <sup>s</sup>	10/21/2010	<b>1.4<sup>9</sup></b>	<0.43	<b>1.400</b>	<b>23</b>	<4.0	70	42
	Farallon	CMW-27-012511	1/25/2011	<b>2.9</b>	<0.41	<b>4.800</b>	<4.0	<4.0	53	413
Farallon	CMW-27-042611	4/26/2011	<b>1.1<sup>9</sup></b>	<0.41	<b>2.100</b>	<4.0	<4.0	20	122	
Farallon	QA/QC-2-042611 <sup>s</sup>	4/26/2011	<b>0.96<sup>9</sup></b>	<0.44	<b>2.100</b>	<4.0	<4.0	21	133	
Farallon	CMW-27-071811	7/18/2011	<b>5.0<sup>9</sup></b>	<0.46	<b>9.100</b>	<b>37</b>	<10	390	999	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-27	Farallon	QA/QC-1-071811 <sup>8</sup>	7/18/2011	4.1 <sup>9</sup>	<0.43	6.300	25	<10	220	550
	Farallon	CMW-27-102111	10/21/2011	2.3 <sup>9</sup>	<0.41	1.700	13	<4.0	41	32
	Farallon	DUP-1-102111 <sup>8</sup>	10/21/2011	2.2 <sup>9</sup>	<0.42	1.700	13	<4.0	42	33
	Farallon	CMW-27-042712	4/27/2012	4.4 <sup>9</sup>	<0.41	5.100 <sup>7</sup>	<4.0	<4.0	59	355
	Farallon	QA/QC-2-042712 <sup>8</sup>	4/27/2012	6.9 <sup>9</sup>	<0.57 <sup>10</sup>	5.100 <sup>7</sup>	<4.0	<4.0	66	356
	Farallon	CMW-27-110112	11/1/2012	2.4 <sup>8</sup>	<0.41	3.300 <sup>7</sup>	8.6	<1.0	58	128.6
	Farallon	DUP2-110112 <sup>8</sup>	11/1/2012	3.0 <sup>9</sup>	<0.41	3.400 <sup>7</sup>	8.5	<1.0	168	8.7
	Farallon	CMW-27-042313	4/23/2013	4.0 <sup>9</sup>	<0.43	1.900	<1.0	<1.0	25	149.2
	Farallon	DUP2-042313 <sup>8</sup>	4/23/2013	2.9 <sup>9</sup>	<0.45	1.800	<1.0	<1.0	27	139.5
	Farallon	CMW-27-102313	10/23/2013	2.8 <sup>9</sup>	<0.41	2.200 <sup>7</sup>	4.3	<1.0	32	60.1
	Farallon	DUP-1-102313 <sup>8</sup>	10/23/2013	2.6 <sup>9</sup>	<0.42	2.100 <sup>7</sup>	4.5	<1.0	32	61.2
	Farallon	CMW-27-042414	4/24/2014	0.42	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	DUP-1-042414 <sup>8</sup>	4/24/2014	0.55	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-27-102914	10/29/2014	1.2 <sup>9</sup>	<0.41	1.200	3.7	<1.0	11	11
Farallon	DUP-1-102914 <sup>8</sup>	10/29/2014	1.3 <sup>9</sup>	<0.41	1.200	4.1	<1.0	12	12	
CMW-28	Farallon	CMW28-031308	3/13/2008	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW28-061608	6/16/2008	0.54	<0.40	120 <sup>7</sup>	<1.0	<1.0	3.0	12.1
	Farallon	CMW28-100108	10/1/2008	0.6 <sup>9</sup>	<0.40	1.900	<4.0	<4.0	39	141
	Farallon	CMW28-123008	12/30/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	QA/QC-1-123008 <sup>8</sup>	12/30/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW28-031909	3/19/2009	0.28	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW28-102809	10/28/2009	3.2	0.59 <sup>11</sup>	<0.100	<1.0	<1.0	<1.0	1.7
	Farallon	CMW28-012610	1/26/2010	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW28-042010	4/20/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW28-072010	7/20/2010	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-102110	10/21/2010	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-012511	1/25/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW28-042611	4/26/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-071811	7/18/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-102011	10/20/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-042712	4/27/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-110112	11/1/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-042313	4/23/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-102313	10/23/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-28-042414	4/24/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW-28-102914	10/29/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-29	Farallon	CMW29-031208	3/12/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW29-061708	6/17/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW29-100108	10/1/2008	0.31	<0.40	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	CMW29-123008	12/30/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW29-031909	3/19/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW29-102809	10/28/2009	0.44	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW29-012710	1/27/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW29-042010	4/20/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-072010	7/20/2010	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-102110	10/21/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-012511	1/25/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-042611	4/26/2011	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-071811	7/18/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-102011	10/20/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-042612	4/26/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-103112	10/31/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-29-042313	4/23/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	CMW-30	Farallon	CMW29-102213	10/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0
Farallon		CMW-29-042314	4/23/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon		CMW-29-102814	10/28/2014	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon		CMW30-031208	3/12/2008	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon		CMW30-061608	6/16/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW30-100108	10/1/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW30-123008	12/30/2008	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW30-031909	3/19/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>



**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-30	Farallon	CMW30-102809	10/28/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW30-012610	1/26/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW30-042010	4/20/2010	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-30-072010	7/20/2010	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-30-102110	10/21/2010	<0.30	<0.47	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-30-012511	1/25/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-30-042611	4/26/2011	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-30-071911	7/19/2011	<0.25	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-30-102011	10/20/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
CMW-31	Farallon	CMW31-031308	3/13/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-061608	6/16/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-100208	10/2/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-123108	12/31/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-032009	3/20/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-102909	10/29/2009	<b>0.53</b>	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-012710	1/27/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-042010	4/20/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-31-072010	7/20/2010	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-31-102210	10/22/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-31-012511	1/25/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-042611	4/26/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-31-071911	7/19/2011	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW31-102011	10/20/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-31-042612	4/26/2012	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-31-110112	11/1/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-31-042213	4/22/2013	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-31-102213	10/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW-31-042314	4/23/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	CMW-31-102814	10/28/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
CMW-32	Farallon	CMW32-031308	3/13/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW32-061708	6/17/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW32-100208	10/2/2008	<0.25	<0.40	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	CMW32-123108	12/31/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW32-032009	3/20/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW32-102909	10/29/2009	<b>0.58</b>	<0.4	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW32-012710	1/27/2010	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW32-042010	4/20/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-32-072010	7/20/2010	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-32-102210	10/22/2010	<0.28	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-32-012511	1/25/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW32-042611	4/26/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	CMW-32-071911	7/19/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	CMW32-102011	10/20/2011	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0	
HMW-5	Summit	HMW-5	12/9/1994	<b>0.56</b>	—	<b>1.9</b>	<b>4,400</b>	40	140	160
	Summit	HMW-5	1/6/1995	—	—	<b>2.4</b>	<b>7,000</b>	28	320	180
HMW-6	Summit	HMW-6	1/6/1995	—	—	<0.05	<b>610</b>	0.68	1.7	1.9
	Summit	HMW-6	2/13/1995	—	—	<0.08	<b>1,800</b>	1.2	3.6	4.5
HMW-8	Summit	HMW-8	11/7/1994	—	—	<0.05	<b>17</b>	<0.5	<0.5	<1
	Summit	HMW-8	12/9/1994	0.26	—	<0.05	<b>73</b>	1.6	0.55	4.2
	Summit	HMW-8	1/6/1995	—	—	<b>12</b>	<b>5,100</b>	<b>3,500</b>	<b>850</b>	<b>3,700</b>
	Summit	HMW-8	2/13/1995	—	—	<b>23</b>	<b>3,500</b>	<b>2,300</b>	540	<b>2,700</b>
	Summit	HMW-8	3/5/1997	<b>5.4</b>	<0.75	<b>1.03</b>	<b>849</b>	<5	59	71.8
	Summit	HMW-8	3/5/1998	<b>1.53</b>	<0.75	0.664	<b>358</b>	2.7	52.5	63.3
	Summit	HMW-8	3/24/1999	<b>1.88</b>	—	<b>1.3</b>	<b>1,030</b>	54.8	88.9	235
	ERM	HMW-8	4/18/2000	ND	—	ND	0.996	ND	1.75	2.84
	ERM	HMW-8	3/30/2001	0.352	—	ND	<b>14.3</b>	ND	ND	ND
	ERM	HMW-8	3/7/2002	<b>1.42</b>	—	0.378	<b>81.7</b>	ND	21.9	15.9
	ERM	HMW-8	3/20/2003	<b>0.698</b>	—	0.326	<b>133</b>	<0.5	14.0	6.21
	Farallon	HMW-8-032404	3/24/2004	<b>1.06</b>	—	0.708	<b>172</b>	<0.5	53.2	16.2
	Farallon	HMW-8-033105	3/31/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
Farallon	HMW-8-032806	3/28/2006	<b>2.73</b>	<b>0.590</b>	0.155	<b>51.1</b>	<0.500	3.75	<1.00	
Farallon	HMW-8-101806	10/18/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-9	Summit	HMW-9	10/6/1994	0.49	—	4.5	9,900	14	480	380
	Summit	HMW-9	11/7/1994	—	—	1.4	4,500	<20	190	94
	Summit	HMW-9	12/9/1994	<0.25	—	1.6	4,300	<20	120	85
	Summit	HMW-9	1/6/1995	—	—	0.75	6,200	5.2	43	6.3
	Summit	HMW-9	3/8/1995	1.1	1.0	7.5	6,200	670	230	410
	Summit	HMW-9	9/6/1995	0.90	—	9.7	9,900	23	610	1,300
	Summit	HMW-9	3/5/1996	1.50	<0.75	5.6	3,200	<20	220	870
	Summit	HMW-9	6/3/1996	1.97	—	5.38	2,640	<25	153	741
	Summit	HMW-9	9/10/1996	1.22	—	4.70	5,310	12.8	51.8	559
	Summit	HMW-9	12/3/1996	1.08	—	<1.00	948	<10	<10	30.6
	Summit	HMW-9	3/6/1997	2.38	0.777	0.533	800	<5	<5	<10
	Summit	HMW-9	6/25/1997	2.28	<0.75	1.56	1,190	<5	<5	115
	Summit	HMW-9	9/5/1997	1.91	<0.75	1.34	2,170	2.6	4.3	35.3
	Summit	HMW-9	12/3/1997	0.979	<0.75	0.216	99.6	<0.5	<0.5	<1
	Summit	HMW-9	3/5/1998	2.55	<0.75	0.436	199	1.36	2.61	4.33
	Summit	HMW-9	3/24/1999	2.97	—	1.16	120	8.44	38.9	192
	ERM	HMW-9	4/18/2000	ND	—	0.546	77	ND	ND	2.65
	ERM	HMW-9	3/30/2001	0.514	—	0.316	8.9	ND	ND	ND
	ERM	HMW-9	3/7/2002	5.82	—	0.149	3.11	ND	ND	1.02
	ERM	HMW-9	12/13/2002	1.06	—	0.119	2.75	ND	ND	ND
	ERM	HMW-9	3/19/2003	3.10	—	0.138	3.05	<0.5	<0.5	<1
	Farallon	HMW9-032404	3/24/2004	3.09	—	0.12	2.04	<0.5	<0.5	<1
	Farallon	HMW9-033105	3/31/2005	1.43	0.622	0.081	2.05	<0.5	<0.5	<1
	Farallon	HMW-9-032806	3/28/2006	1.37	0.560	0.0585	<0.500	<0.500	<0.500	<1.00
	Farallon	HMW-9-101806	10/18/2006	0.722	<0.500	0.0883 JH	2.02 JH	<0.500	<0.500	<1.00
	Farallon	HMW9-031308	3/13/2008	<0.26	0.63	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW9-061708	6/17/2008	<0.27	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	HMW9-100208	10/2/2008	<0.25	<0.40	<0.400	<4.0	<4.0	<4.0	<8.0	
Farallon	HMW9-123108	12/31/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW9-031909	3/19/2009	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW9-102909	10/29/2009	0.62	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW9-012610	1/26/2010	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

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**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-9	Farallon	HMW9-042010	4/20/2010	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW9-072010	7/20/2010	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-102210	10/22/2010	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-012511	1/25/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW9-042611	4/26/2011	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-071911	7/19/2011	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW9-102011	10/20/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-042612	4/26/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-110112	11/1/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-042313	4/23/2013	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-102313	10/23/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-042414	4/24/2014	<0.25	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-9-102914	10/29/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
HMW-10	Summit	HMW-10	10/6/1994	0.38	—	<b>3.6</b>	<b>8,100</b>	16	600	260
	Summit	HMW-10	11/7/1994	—	—	<b>1.6</b>	<b>4,100</b>	<20	300	32
	Summit	HMW-10	12/9/1994	<b>0.51</b>	—	<b>10</b>	<b>9,800</b>	480	<b>750</b>	680
	Summit	HMW-10	1/6/1995	—	—	<b>6.2</b>	<b>8,400</b>	210	<b>570</b>	660
	Summit	HMW-10	3/8/1995	<b>0.76</b>	<0.75	<b>24</b>	<b>11,000</b>	<b>3,800</b>	<b>900</b>	<b>2,600</b>
	Summit	HMW-10	9/6/1995	<b>0.91</b>	—	<b>5.9</b>	<b>7,000</b>	<20	640	550
	Summit	HMW-10	12/3/1996	<b>1.95</b>	—	<b>3.95</b>	<b>2,270</b>	<25	217	422
	Summit	HMW-10	3/6/1997	<b>4.33</b>	<0.75	<b>5.6</b>	<b>2,430</b>	14.5	241	567
	Summit	HMW-10	3/5/1998	<b>4.09</b>	<0.75	<b>4.55</b>	<b>889</b>	10.4	52.9	359
	Summit	HMW-10	9/23/1998	<b>2.03</b>	<0.75	<b>4.55</b>	<b>1,190</b>	<10	10	20
	Summit	HMW-10	3/24/1999	<b>7.3</b>	—	<b>8.35</b>	<b>743</b>	40	246	<b>2,020</b>
	ERM	HMW-10	10/7/1999	<b>4.75</b>	—	<2.5	<b>1,110</b>	<25	<25	<40
	ERM	HMW-10	4/18/2000	<b>2.33</b>	—	<b>2.15</b>	<b>547</b>	ND	24.7	114
	ERM	HMW-10	10/5/2000	<b>2.24</b>	—	<b>1.26</b>	<b>398</b>	ND	5.17	13.3
	ERM	HMW-10	3/30/2001	<b>0.628</b>	—	<b>0.986</b>	<b>247</b>	ND	ND	ND
	ERM	HMW-10	9/28/2001	<b>1.60</b>	ND	0.786	<b>156</b>	ND	ND	ND
	ERM	HMW-10	3/7/2002	<b>8.98</b>	—	<b>0.974</b>	<b>63.6</b>	0.853	0.531	1.74
	ERM	HMW-10	3/19/2003	<b>5.35</b>	—	0.787	<b>40.3</b>	0.875	5.60	12.5
	Farallon	093003-HMW10	9/30/2003	<b>3.09</b>	—	0.584	<b>71.3</b>	0.52	<0.5	1.68
	Farallon	HMW10-032404	3/24/2004	<b>5.16</b>	—	0.655	<b>34.9</b>	1.33	2.41	25.6
Farallon	HMW10-092104	9/21/2004	<b>2.12</b>	<0.5	0.451	<b>15.6</b>	0.518	<0.5	1.03	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-10	Farallon	HMW10-033105	3/31/2005	<b>2.86</b>	<0.5	0.704	<b>13.3</b>	1.12	<0.5	3.7
	Farallon	HMW10-093005	9/30/2005	<b>1.89</b>	<0.5	0.662	<b>9.85</b>	0.614	<0.5	<1
	Farallon	HMW-10-032806	3/28/2006	<b>4.24</b>	<b>&lt;0.980</b>	0.676	<b>6.90</b>	<0.500	<0.500	2.07
	Farallon	HMW-10-101806	10/18/2006	<b>1.02</b>	<0.500	0.313	<b>6.08</b>	<0.500	<0.500	<1.00
	Farallon	HMW10-031308	3/13/2008	<0.25	<0.40	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	QAQC-1-031308 <sup>8</sup>	3/13/2008	<0.26	<0.42	0.200	3.3	<1.0	<1.0	<2.0
	Farallon	HMW10-061708	6/17/2008	0.27	<0.41	<0.100	2.9	<1.0	<1.0	<2.0
	Farallon	HMW10-100208	10/2/2008	<0.28	<0.44	0.240	3.1	<1.0	<1.0	<2.0
	Farallon	HMW10-123108	12/31/2008	<0.25	<0.40	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	HMW10-031909	3/19/2009	<0.27	<0.43	0.250	4.1	<1.0	<1.0	<1.0
	Farallon	HMW10-102909	10/29/2009	<b>1.1</b>	<0.40	0.220	2.6	<1.0	<1.0	<2.0
	Farallon	HMW10-012610	1/26/2010	<0.25	<0.40	0.210	2.3	<1.0	<1.0	<2.0
	Farallon	HMW10-042010	4/20/2010	<0.26	<0.42	0.210	2.4	<1.0	<1.0	<2.0
	Farallon	HMW10-072010	7/20/2010	<0.28	<0.44	0.240	2.3	<1.0	<1.0	<2.0
	Farallon	HMW-10-102110	10/21/2010	<0.29	<0.47	0.180	1.9	<1.0	<1.0	<2.0
	Farallon	HMW-10-012511	1/25/2011	<0.26	<0.42	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	QA/QC-1-012511 <sup>8</sup>	1/25/2011	<0.26	<0.41	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	HMW10-042611	4/26/2011	<0.26	<0.41	0.180	1.6	<1.0	<1.0	<2.0
	Farallon	HMW-10-071911	7/19/2011	<0.28	<0.44	0.130	2.3	<1.0	<1.0	1.4
	Farallon	QA/QC-2-071911	7/19/2011	<0.29 <sup>10</sup>	<0.46	0.350	2.3	<1.0	<1.0	1.8
	Farallon	HMW10-102111	10/21/2011	<0.28	<0.45	0.200	2.6	<1.0	<1.0	<2.0
Farallon	HMW-10-042612	4/26/2012	<0.26	<0.42	0.170	1.9	<1.0	<1.0	<2.0	
Farallon	HMW-10-110112	11/1/2012	<0.26	<0.42	0.200	1.8	<1.0	<1.0	<2.0	
Farallon	HMW-10-042213	4/22/2013	<0.26	<0.42	0.150	1.7	<1.0	<1.0	<2.0	
Farallon	HMW-10-102213	10/22/2013	<0.26	<0.41	0.160	2.0	<1.0	<1.0	<2.0	
Farallon	HMW-10-042314	4/23/2014	<0.26	<0.41	250	1.8	<1.0	<1.0	<2.0	
Farallon	HMW-10-102814	10/28/2014	<0.26	<0.41	120	1.6	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-11	Summit	HMW-11	12/12/1994	22	—	16	4,900	400	640	2,000
	Summit	HMW-11	1/9/1995	—	—	5.9	2,300	370	270	840
	Summit	HMW-11	3/5/1997	11.2	1.43	1.93	593	8.92	150	287
	Summit	HMW-11	3/5/1998	7.15	0.754	3.85	808	25.3	525	633
	Summit	HMW-11	3/25/1999	9.1	—	2.78	367	45.4	86.2	572
	ERM	HMW-11	4/18/2000	1.27	—	0.72	197	ND	68.4	121
	ERM	HMW-11	3/30/2001	4.16	—	3.18	1,010	ND	271	183
	ERM	HMW-11	3/8/2002	6.78	—	1.76	207	3.94	126	253
	ERM	HMW-11	3/20/2003	9.29	—	1.32	135	1.67	73.0	82.6
	Farallon	HMW11-032404	3/24/2004	7.68	—	1.13	50.1	0.976	127	130
	Farallon	HMW11-033105	3/31/2005	9.63	<2.0	2.16	71.4	<2.5	185	57
	Farallon	HMW-11-032806	3/28/2006	18.4	<2.40	0.102	2.55	<0.500	0.866	1.91
	Farallon	HMW-11-101806	10/18/2006	1.06	<0.500	0.751	20.2	0.933	52.5	23.2
	Farallon	HMW11-031308	3/13/2008	<0.26	<0.42	0.540	6.1	<1.0	11	4.8
	Farallon	HMW11-061708	6/17/2008	0.83	<0.44	0.940	9.0	<4.0	14	8.3
	Farallon	HMW11-100108	10/1/2008	0.89 <sup>9</sup>	<0.42	0.490	5.7	<1.0	1.9	1.4
	Farallon	HMW11-123108	12/31/2008	<0.25	<0.40	0.760	8.1	<4.0	9.2	4.4
	Farallon	HMW11-032009	3/20/2009	<0.25	<0.43	0.680	7.5	<4.0	8.2	5.2
	Farallon	QAQC2-032009 <sup>8</sup>	3/20/2009	<0.27	<0.43	0.720	7.6	1.5	8.4	5.4
	Farallon	HMW11-102809	10/28/2009	1.4	<0.40	0.450	3.6	<1.0	<1.0	<2.0
	Farallon	HMW11-012610	1/26/2010	<0.26	<0.41	0.460	1.4	<1.0	2.8	1.5
	Farallon	HMW11-042010	4/20/2010	1.0	<0.43	1.200	3.4	1.1	5.7	3.3
	Farallon	HMW-11-072010	7/20/2010	<0.60 <sup>10</sup>	<0.46	1.400 <sup>7</sup>	4.3	1.1	4.6	6.0
	Farallon	HMW-11-102110	10/21/2010	<0.50	<0.41	0.740	4.3	<1.0	1.2	2.2
	Farallon	HMW-11-012511	1/25/2011	0.30	<0.42	<0.400	<4.0	<4.0	<4.0	<8.0
	Farallon	HMW11-042711	4/27/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-11-071911	7/19/2011	0.57	<0.42	1.000	3.1	<1.0	1.4	6.5
	Farallon	HMW11-102111	10/21/2011	0.57	<0.42	0.860	<4.0	<4.0	<4.0	<8.0
	Farallon	HMW-11-042612	4/26/2012	<0.25	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-11-110112	11/1/2012	0.58 <sup>9</sup>	<0.41	1.300	3.5	<1.0	<1.0	2.6
Farallon	HMW-11-042313	4/23/2013	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW-11-102313	10/23/2013	<0.54 <sup>10</sup>	<0.41	0.820	2.4	<1.0	2.1	<2.0	
Farallon	HMW-11-042414	4/24/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW-11-102914	10/29/2014	<0.40 <sup>10</sup>	<0.41	0.710	2.8	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-12	Summit	HMW-12	10/6/1994	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	12/9/1994	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	1/6/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	3/8/1995	<0.25	<0.75	<0.05	<0.5	1.2	<0.5	1.7
	Summit	HMW-12	6/14/1995	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	9/7/1995	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	12/15/1995	0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	3/6/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	6/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	3/6/1996	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	6/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	9/13/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	12/3/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	3/4/1997	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	3/4/1998	<0.25	<0.75	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-12	3/23/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	HMW-12	10/8/1999	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	ERM	HMW-12	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	HMW-12	10/5/2000	ND	—	ND	ND	ND	0.906	ND
	ERM	HMW-12	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	HMW-12	9/28/2001	ND	—	ND	ND	ND	ND	ND
	ERM	HMW-12	3/7/2002	ND	—	ND	ND	ND	ND	ND
	ERM	HMW-12	3/17/2003	ND	—	ND	ND	ND	ND	ND
	Farallon	093003-HMW12	9/30/2003	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	HMW12-032404	3/24/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	HMW12-092104	9/21/2004	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	HMW12-033005	3/30/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	HMW12-093005	9/30/2005	<0.25	<0.5	<0.05	<0.5	<0.5	<0.5	<1
Farallon	HMW-12-032806	3/28/2006	<0.236	<0.472	<0.050	<0.500	<0.500	<0.500	<1.00	
Farallon	HMW-12-101906	10/19/2006	<0.250	<0.500	<0.050	<0.500	<0.500	<0.500	<1.00	
Farallon	HMW12-031308	3/13/2008	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW12-100208	10/2/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-13	Summit	HMW-13	1/6/1995	—	—	110	17,000	23,000	2,800	13,000
	Summit	HMW-13	3/8/1995	24	4.8	110	16,000	20,000	2,300	11,000
	Summit	HMW-13	4/3/1995	—	—	62	14,000	15,000	1,100	5,400
	Summit	HMW-13	5/1/1995	—	—	170	31,000	41,000	4,500	23,000
	Summit	HMW-13	6/5/1995	24	0.88	570	11,000	48,000	11,000	56,000
	Summit	HMW-13	7/11/1995	—	—	190	4,500	31,000	5,400	29,000
	Summit	HMW-13	8/3/1995	—	—	200	7,400	31,000	5,800	32,000
	Summit	HMW-13	9/6/1995	22	—	150	7,600	21,000	4,000	22,000
	Summit	HMW-13	10/2/1995	—	—	180	8,200	25,000	4,800	27,000
	Summit	HMW-13	11/3/1995	—	—	28	4,600	17,000	4,600	35,000
	Summit	HMW-13	12/8/1995	65	1.8	500	720	550	480	26,000
	Summit	HMW-13	1/6/1996	—	—	56	940	1,500	150	6,600
	Summit	HMW-13	2/15/1996	—	—	33	1,100	1,300	230	7,400
	Summit	HMW-13	3/7/1996	1.7	<0.75	15	150	280	68	2,700
	Summit	HMW-13	4/10/1996	—	—	45	420	2,000	250	6,900
	Summit	HMW-13	5/7/1996	—	—	41.1	389	2,570	310	10,100
	Summit	HMW-13	6/6/1996	19.4	—	33.9	276	1,680	329	5,210
	Summit	HMW-13	7/11/1996	—	—	111	483	5,110	538	15,800
	Summit	HMW-13	8/7/1996	—	—	93.1	220	4,160	894	14,600
	Summit	HMW-13	9/12/1996	14.5	—	62.3	147	1,270	896	11,500
	Summit	HMW-13	10/11/1996	—	—	69.3	1,190	1,010	1,050	13,200
	Summit	HMW-13	10/31/1996	—	—	63.1	916	1,880	910	11,300
	Summit	HMW-13	12/5/1996	23.0	—	44.0	94.2	446	460	5,630
Summit	HMW-13	1/8/1997	—	—	6.7	23.3	50.2	35.4	479	
Summit	HMW-13	2/4/1997	—	—	210	1.62	<0.5	<0.5	3.04	
Summit	HMW-13	3/6/1997	4.26	<0.75	1.83	9.65	1.98	2.13	27.9	
Summit	HMW-13	4/7/1997	—	—	1.6	6.81	16.7	9.57	64.8	
Summit	HMW-13	5/8/1997	—	—	1.98	29.7	56.2	21	120	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>



**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-13	Summit	HMW-13	6/24/1997	7.82	1.11	4.61	96.8	308	49.2	287
	Summit	HMW-13	7/7/1997	—	—	14.3	148	1,060	157	916
	Summit	HMW-13	8/5/1997	—	—	24.2	37.6	977	336	1,840
	Summit	HMW-13	9/4/1997	4.66	<0.75	32.4	42.7	336	831	5,740
	Summit	HMW-13	10/16/1997	—	—	28.5	34	149	580	3,290
	Summit	HMW-13	11/14/1997	—	—	27.5	<125	<125	156	718
	Summit	HMW-13	12/3/1997	23.2	<0.75	48.5	<25	<25	85.9	324
	Summit	HMW-13	1/29/1998	—	—	2.11	4.03	3.19	18.6	54.4
	Summit	HMW-13	3/6/1998	28.3	<3.75	2.31	8.93	9.43	16.7	40
	Summit	HMW-13	6/18/1998	0.356	<3.75	13.1	13.8	56.4	460	1,340
	Summit	HMW-13	9/23/1998	5.89	<3.75	7,750	87.4	362	290	843
	Summit	HMW-13	12/4/1998	5.89	<3.75	95,700	465	7,210	2,730	14,300
	Summit	HMW-13	3/22/1999	6.66	—	1.41	<10	28.4	32.1	185
	Summit	HMW-13	6/15/1999	13.9	—	7.17	<11.2	224	244	1,240
	ERM	HMW-13	10/7/1999	25.2	—	7.71	11.3	44.3	234	943
	ERM	HMW-13	12/31/1999	<0.25	—	8.95	1.25	4.73	13.2	471
	ERM	HMW-13	4/18/2000	3.63	—	0.94	ND	3.89	34	242
	ERM	HMW-13	6/13/2000	1.69	—	1.19	ND	ND	26.6	359
	ERM	HMW-13	10/5/2000	5.39	—	5.29	ND	48.9	119	1,060
	ERM	HMW-13	12/26/2000	0.928	—	9.94	ND	128	232	2,150
	ERM	HMW-13	3/30/2001	5.64	—	12.4	8.11	178	367	2,930
	ERM	HMW-13	6/29/2001	5.18	—	18.1	<10.0	103	527	4,790
	ERM	HMW-13	9/28/2001	8.31	ND	3.57	2.72	2.47	98.1	536
	ERM	HMW-13	12/17/2001	21.1	ND	11.6	ND	ND	55.0	1,100
	ERM	HMW-13	3/8/2002	16	—	0.281	0.539	ND	ND	2.27
	ERM	HMW-13	7/30/2002	48.4	—	1.35	2.64	1.57	5.3	16.8
ERM	HMW-13	12/12/2002	13.1	—	5.77	2.55	2.81	36.2	391	
ERM	HMW-13	3/19/2003	20.6	—	0.419	<0.5	<0.5	<0.5	1.71	
ERM	HMW-13	6/25/2003	6.33	—	0.174	ND	ND	ND	ND	
Farallon	093003-HMW13	9/30/2003	3.48	—	0.379	0.995	1.58	2.9	18.10	
Farallon	CMW-121803-04	12/18/2003	10.7	—	1.53	6.96	1.44	6.54	111	
Farallon	HMW13-032504	3/25/2004	2.99	—	0.0982	1.1	<0.5	<0.5	<1	
Farallon	HWM13-062804-01	6/28/2004	10.3	—	0.0837	<0.5	<0.5	<0.5	2.54	
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-13	Farallon	HMW13-092104	9/21/2004	4.00	<0.5	1.37	1.13	1.22	6.98	103
	Farallon	HMW13-122104	12/21/2004	11.3	0.642	0.259	<0.5	<0.5	<0.5	3.46
	Farallon	HMW13-033105	3/31/2005	5.76	<1	0.136	<0.5	<0.5	<0.5	<1
	Farallon	HMW-13-070805	7/8/2005	1.76	<0.5	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	HMW-13-093005	9/30/2005	7.11	<0.5	0.374	0.838	0.558	1.24	6.06
	Farallon	HMW-13-122805	12/28/2005	13.7	<0.5	0.822	<0.5	<0.5	<0.5	1.20
	Farallon	HMW-13-032806	3/28/2006	2.01	<0.481	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	HWM-13-101906	10/19/2006	1.09	<0.500	0.0623 JH	0.631 JH	<0.500	<0.500	1.92 JH
	Farallon	HMW13-031308	3/13/2008	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW13-061608	6/16/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW13-100108	10/1/2008	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW13-123008	12/30/2008	<0.27	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW13-031909	3/19/2009	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW13-102809	10/28/2009	5.7	0.86 <sup>11</sup>	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW13-012610	1/26/2010	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW13-042010	4/20/2010	<0.28	<0.44	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-13-072010	7/20/2010	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-13-102110	10/21/2010	<0.29	<0.46	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-13-012511	1/25/2011	<0.27	<0.43	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-13-042611	4/26/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-13-071811	7/18/2011	<0.28	<0.45	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-13-102111	10/21/2011	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-13-042612	4/26/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
	Farallon	HMW-13-110112	11/1/2012	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0
Farallon	HMW-13-042213	4/22/2013	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW-13-102313	10/23/2013	<0.26	<0.42	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW-13-042314	4/23/2014	<0.25	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
Farallon	HMW-13-102814	10/28/2014	<0.26	<0.41	<0.100	<1.0	<1.0	<1.0	<2.0	
HMW-14	Summit	HMW-14	10/6/1994	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	HMW-14	12/12/1994	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	HMW-14	1/6/1995	—	—	<0.05	<0.5	<0.5	<0.5	<1
	Summit	HMW-14	3/8/1995	0.27	<0.75	<0.05	<0.5	<0.5	<0.5	<1
	Summit	HMW-14	9/6/1995	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-14	6/4/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-14	12/3/1996	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**Table 1**  
**Summary of Laboratory Analytical Results for TPH and BTEX in Groundwater**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Well Identification	Sampled by	Sample Identification	Sample Date	Analytical Results (milligrams per liter)			Analytical Results (micrograms per liter)			
				DRO <sup>1</sup>	ORO <sup>1</sup>	GRO <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>
HMW-14	Summit	HMW-14	3/4/1997	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-14	3/4/1998	<0.25	<b>&lt;0.75</b>	<0.050	<0.5	<0.5	<0.5	<1
	Summit	HMW-14	3/22/1999	0.478	—	<0.05	<0.5	<0.5	<0.5	<1
	ERM	HMW-14	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	HMW-14	4/17/2000	ND	—	ND	ND	ND	ND	ND
	ERM	HMW-14	3/30/2001	ND	—	ND	ND	ND	ND	ND
	ERM	HMW-14	3/7/2002	ND	—	ND	ND	ND	ND	ND
	ERM	HMW-14	3/17/2003	<0.25	—	<0.050	<0.5	<0.5	<0.5	<1
	Farallon	HMW14-032404	3/24/2004	<0.25	—	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	HMW14-033005	3/30/2005	<0.281	<b>&lt;0.562</b>	<0.05	<0.5	<0.5	<0.5	<1
	Farallon	HMW-14-032806	3/28/2006	<0.238	<0.476	<0.050	<0.500	<0.500	<0.500	<1.00
	Farallon	HMW14-031208	3/12/2008	<0.25	<0.40	<0.100	<1.0	<1.0	<1.0	<2.0
<b>MTCA Method A Cleanup Levels for Groundwater<sup>4</sup></b>				<b>0.5</b>	<b>0.5</b>	<b>0.8/1.0</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>

**NOTES:**

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

— denotes sample not analyzed

ND denotes analyte not detected at or exceeding the laboratory reporting limit, which was not provided in summary table  
 Results in **BOLD** denote sample results or reporting limit exceeds applicable Washington State Model Toxics Control Act  
 Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater.

<sup>1</sup> Analyzed by Northwest Method NWTPH-Dx.

<sup>2</sup> Analyzed by Northwest Method NWTPH-Gx.

<sup>3</sup> Analyzed by U. S. Environmental Protection Agency Method 8021B.

<sup>4</sup> MTCA Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington  
 Administrative Code, as revised 2013.

<sup>5</sup> Well was resampled due to laboratory quality control issues with the original samples collected during the March 2006  
 sampling event.

<sup>6</sup> Hydrocarbons in the lube oil range are impacting the diesel-range result.

<sup>7</sup> Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline-range result.

<sup>8</sup> Quality assurance/quality control duplicate sample.

<sup>9</sup> Hydrocarbons in the gasoline range are impacting the diesel-range result.

<sup>10</sup> The practical quantitation limit is elevated due to interferences in the sample.

<sup>11</sup> Hydrocarbons in the diesel range are impacting the oil-range result.

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

ERM = Environmental Resources Management

Farallon = Farallon Consulting, L.L.C.

GRO = TPH as gasoline-range organics

JH = Estimated value. Sample result biased high due to associated  
 quality control data exceeding laboratory-established control limits.

JL = Estimated value. Sample result biased low due to associated  
 quality control data below laboratory-established control limits.

ORO = TPH as oil-range organics

Summit = Summit EnviroSolutions

TPH = total petroleum hydrocarbons

**Table 2**  
**Applicable or Relevant and Appropriate Requirements**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

<b>Applicable or Relevant and Appropriate Requirement</b>	<b>Source</b>	<b>Description and Relevance</b>
Washington State Model Toxics Control Act Statute and Cleanup Regulation	Chapter 70.105D RCW and WAC 173-340	Establish cleanup standards and requirements for the cleanup of hazardous waste sites in the state of Washington
Occupational Safety and Health Act	29 CFR	Provides federal standards for worker safety and health. The Hazardous Waste Operations and Emergency Response Standard (29 CFR Subpart 1910.120) specifically applies to workers at hazardous waste cleanup operations and treatment, storage and disposal facilities.
Washington Industrial Safety and Health Act	WAC 296-62 and WAC 296-863	Provides state rules and standards for occupational health and safety. Chapter 296-843 of the Washington Administrative Code (WAC 296-843) provides core rules for hazardous waste operations including accident prevention programs, first aid, personal protective equipment, and chemical hazard communication. Applies to Site workers conducting investigation, monitoring, or cleanup activities.
Washington State Hazardous Waste Management Act and State Dangerous Waste Regulation	Chapter 70.105 RCW and WAC 173-303	Provides requirements for designation, handling, and disposal of hazardous and/or dangerous wastes. Applies to wastes generated at the Site.
Minimum Standards for Construction and Maintenance of Wells	WAC 173-160	Establishes minimum standards for the construction and decommissioning of all wells in the state of Washington. Applies to installation and decommissioning of Site monitoring and treatment system wells or injection points.
Construction Permit	Auburn City Code 12.24	May be required for installation of air sparging or soil vapor extraction wells and trenching activities for connections of treatment system piping.
Right-of-Way Permit	Auburn City Code 12.60	May be required for work within the city of Auburn rights-of-way.
Water Pollution Control Act and State Water Quality Standards	Chapter 90.48 RCW and WAC 173-200	Provide standards to protect existing and future beneficial uses of groundwater through the reduction or elimination of discharge of contaminants to groundwater. These rules and standards may apply to underground injection of chemicals for the purpose of treating groundwater.

**Table 2**  
**Applicable or Relevant and Appropriate Requirements**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

<b>Applicable or Relevant and Appropriate Requirement</b>	<b>Source</b>	<b>Description and Relevance</b>
Underground Injection Control Program	WAC 173-218	Provides state standards for protection of groundwater quality by regulating the discharge of fluids in Underground Injection Control (UIC) wells. This would apply if in-situ chemical oxidation or bioaugmentation were conducted by subsurface injection of chemical reagents at the Site. The UIC program satisfies the intent and requirements of Part C of the Safe Drinking Water Act, Protection of Underground Sources of Drinking Water and the Washington State Water Pollution Control Act (Chapter 90.48 RCW).
Puget Sound Clean Air Agency Regulations	Puget Sound Clean Air Agency Regulations	Regulate the emission of air contaminants within King, Pierce, Snohomish, and Kitsap Counties. These would apply to emission of effluent vapors from certain potential treatment operations such as soil vapor extraction, if selected as a component of a cleanup remedy for the Site. The regulations are intended to carry out the purposes and requirements of the Washington State Clean Air Act (Chapter 70.94 RCW) and federal Clean Air Act (Title 42 United States Code Chapter 85).
State Environmental Policy Act	43.21C RCW	Provides the framework for regulatory agencies to consider the consequences of an environmental proposal before taking action. This may apply during the permitting and design phases of the cleanup.

NOTES:

CFR = Code of Federal Regulations

RCW = Revised Code of Washington

WAC = Washington Administrative Code

**Table 3**  
**Cleanup Action Schedule of Implementation**  
**CHS Auburn Site**  
**Auburn, Washington**  
**Farallon PN: 301-004**

Work Element	Completed by
Consent Decree (CD) Finalized	To be determined
Engineering Design	90 days following CD finalization
Performance Monitoring Plan	120 days following CD finalization
Operations and Maintenance Plan	120 days following CD finalization
AS/SVE System Installation Completion	180 days following CD finalization
First Quarterly Groundwater Monitoring Event	45 days following completion of AS/SVE system installation
Second Quarterly Groundwater Monitoring Event	3 months following the previous monitoring event
Third Quarterly Groundwater Monitoring Event	3 months following the previous monitoring event
Fourth Quarterly Groundwater Monitoring Event	3 months following the previous monitoring event
First Semiannual Groundwater Monitoring Event	6 months following the previous monitoring event
Second Semiannual Groundwater Monitoring Event	6 months following the previous monitoring event
Third Semiannual Groundwater Monitoring Event	6 months following the previous monitoring event
Fourth Semiannual Groundwater Monitoring Event	6 months following the previous monitoring event
Fifth Semiannual Groundwater Monitoring Event	6 months following the previous monitoring event
Sixth Semiannual Groundwater Monitoring Event	6 months following the previous monitoring event
Seventh Semiannual Groundwater Monitoring Event	6 months following the previous monitoring event
Eighth Semiannual Groundwater Monitoring Event	6 months following the previous monitoring event
5-Year Summary Monitoring Report	3 months following eighth semiannual monitoring event
5-year Periodic Review	6 months following 5-Year Summary Monitoring Report submittal

**NOTES:**

Groundwater monitoring summary reports will be prepared within 45 days following completion of each monitoring event.

AS = air sparge  
SVE = soil vapor extraction