Final Remedial Investigation Report
Former Building 2220 Site
(a.k.a. Swan Manufacturing Company Site)

Prepared for

Port of Vancouver
P.O. Box 1180
Vancouver, WA 98666

May 7, 2009 | 275-1940-006

Prepared by
Parametrix
700 NE Multnomah, Suite 1000
Portland, OR 97232-4110
503-233-2400
www.parametrix.com

Final Remedial Investigation Report
Former Building 2220 Site
(a.k.a. Swan Manufacturing Company Site)

Prepared for

Port of Vancouver
P.O. Box 1180
Vancouver, WA 98666

Prepared by

Parametrix
700 NE Multnomah, Suite 1000
Portland, OR 97232-4110
503-233-2400
www.parametrix.com

May 7, 2009 | 275-1940-006

CITATION

Parametrix. 2009. Final Remedial Investigation Report
Former Building 2220 Site
(a.k.a. Swan Manufacturing Company Site). Prepared by
Parametrix, Portland, Oregon. May 7, 2009.

CERTIFICATION

The technical mateial and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal, as a licensed hydrogeologist licensed to practice as such, is affixed below.

Prepared by Rick Wadsworth

Prepared by Rick Malin, LHG

Approved by Richard Roché, LHG

TABLE OF CONTENTS

EXECUTIVE SUMMARY I

1. INTRODUCTION 1-1
1.1 PURPOSE 1-1
1.2 REPORT ORGANIZATION 1-2

2. SITE BACKGROUND 2-1
2.1 SITE LOCATION AND DESCRIPTION 2-1
2.2 DEFINITION OF SITE 2-1
2.3 HISTORICAL USE OF THE SMC SITE 2-1
2.3.1 Ownership 2-1
2.3.2 Previous Industrial Use of SMC and Building 2220 Sites 2-2
2.4 DISCOVERY OF RELEASE 2-3
2.5 DRINKING WATER SOURCES NEAR THE PROJECT AREA 2-5
2.6 PRELIMINARY CONTAMINANTS OF POTENTIAL CONCERN 2-5
2.7 REGULATORY FRAMEWORK 2-6
2.8 OTHER SOURCES 2-7
2.8.1 Cadet Manufacturing Company Site 2-7
2.8.2 ST Services 2-8
2.8.3 Other Potential Sources 2-9

3. PRE-RI WORK PLAN PHASE INVESTIGATIONS 3-1
3.1 MILL PLAIN BOULEVARD EXTENSION PROJECT ENVIRONMENTAL ASSESSMENT (EA) 3-1
3.2 SECOND SITE INVESTIGATION 3-2
3.2.1 Soil Contamination Adjacent to Building 2220 3-2
3.2.2 Soil Contamination in Mill Plain Boulevard Right-of-Way 3-3
3.2.3 Building 2240 Source Evaluation 3-3
3.2.4 Extent of VOCs in Groundwater 3-3
3.3 THIRD SITE INVESTIGATION 3-4
3.3.1 Investigation of Off-Site Impacts to the East and North of Building 2220 3-4
3.3.2 Vertical Distribution of VOCs in Groundwater 3-5
3.3.3 Investigation of Area of Hummocky Soil 3-6

4. PRE-RI WORK PLAN SOIL INTERIM ACTION 4-1
4.1 SOIL INTERIM ACTION RATIONALE AND CLEANUP STANDARDS 4-1
4.1.1 Soil Interim Action Rationale 4-1
4.1.2 Numeric Cleanup Standards 4-2
4.1.3 Non-Numeric Performance Objectives 4-3

TABLE OF CONTENTS (CONTINUED)

4.2 EXCAVATION OF TCE-IMPACTED SOIL 4-3
4.2.1 Soil Waste Designation 4-4
4.2.2 Investigation of the Concrete Slab 4-4
4.2.3 Removal of SMC Concrete Slab 4-6
4.2.4 Verification Sampling 4-8
4.2.5 Temporary Storage of TCE-Impacted Soil 4-8
4.3 EXTENT OF TCE-IMPACTED SOIL REMAINING AFTER EXCAVATION 4-9
4.4 DEVELOPMENT OF REMEDIAL ALTERNATIVES FOR STOCKPILED TCE-IMPACTED SOIL 4-9
4.4.1 Remedial Action Objectives 4-9
4.4.2 Numeric Cleanup Standards 4-10
4.4.3 Non-Numeric Performance Objectives 4-10
4.4.4 Removal and Treatment Actions – Compliance with RAOs 4-10
4.4.5 Remedial Alternatives for Stockpiled TCE-Impacted Soil 4-11
4.4.6 Assembly of Alternatives 4-12
4.4.7 Evaluation of Alternatives 4-12
4.5 TREATMENT OF TCE-IMPACTED SOIL 4-13
4.5.1 ESVE System 4-14
4.5.2 Cell 1 Treatment 4-14
4.5.3 Cell 2 Treatment 4-15
4.5.4 Cell 3 Treatment 4-15
4.5.5 Final Placement of Treated Soil 4-15

5. REMEDIAL INVESTIGATION 5-1
5.1 CONTAMINANTS OF POTENTIAL CONCERN 5-1
5.2 REMEDIAL INVESTIGATION WORK PLAN 5-2
5.3 REMEDIAL INVESTIGATION - PHASE I 5-3
5.3.1 Monitoring Well Installation 5-3
5.3.2 Monitoring Well Sampling 5-5
5.3.3 Probe Borings 5-6
5.3.4 Hydrogeologic Assessment 5-7
5.4 REMEDIAL INVESTIGATION - PHASE II 5-8
5.4.1 Monitoring Well and Piezometer Installation 5-8
5.4.2 Monitoring Well Sampling 5-10
5.4.3 Probe Borings 5-10
5.5 REMEDIAL INVESTIGATION - PHASE III 5-11
5.5.1 Monitoring Well Installation 5-12
5.5.2 Monitoring Well Sampling 5-12
5.5.3 Probe Borings 5-13
5.5.4 South Fruit Valley Neighborhood Soil Gas Evaluation 5-15
5.6 REMEDIAL INVESTIGATION - PHASE IV 5-15

5.6.1 Installation of Additional Monitoring Wells 5-16
5.6.2 SMC Source Area Fine-Grained Sand Layer Investigation 5-19
5.6.3 Soil Gas Investigation – Port Tenant Property and SFVN 5-21
5.6.4 Indoor Air Investigation - SFVN 5-23
5.6.5 Port Tenant Indoor Air 5-25
5.6.6 Ambient Air Monitoring 5-26
5.6.7 Former Carborundum Ponds Investigation 5-26
5.6.8 Monitoring Well MW-5d Investigation 5-28
5.6.9 Groundwater Flow Analysis 5-33
5.6.10 Groundwater Monitoring Summary 5-33

6. GROUNDWATER INTERIM ACTIONS 6-1
6.1 GROUNDWATER CONTAINMENT AND TREATMENT AT GWM 6-1
6.1.1 GWM Water Use 6-1
6.1.2 Installation of Air Strippers 6-2
6.1.3 Water Production Agreement 6-2
6.2 SMC SITE SOURCE AREA TREATMENT 6-3
6.2.1 Treatment Area 6-3
6.2.2 Remedial Action Objective (RAO) 6-3
6.2.3 Treatment Program 6-3
6.2.4 Treatment Events 6-4
6.2.5 Groundwater Sampling 6-5
6.2.6 Treatment and Sampling Results 6-7

7. GEOLOGIC/HYDROGEOLOGIC CONDITIONS 7-1
7.1 REGIONAL CONDITIONS 7-1
7.1.1 Geologic Units 7-2
7.1.2 Hydrogeologic Units 7-2
7.2 LOCAL CONDITIONS 7-3
7.2.1 Geologic Conditions 7-3
7.2.2 Hydrogeologic Conditions 7-6
7.3 GROUNDWATER FLOW ANALYSIS 7-10
7.3.1 Transducer Study 7-10
7.3.2 Mean Hydraulic Gradients 7-12

8. GROUNDWATER MODELING SUMMARY 8-1
8.1 HISTORICAL MODEL SIMULATION RESULTS 8-3
8.2 MODEL CHANGES SINCE THE GROUNDWATER MODEL SUMMARY REPORT 8-4
8.2.1 Source Area Delineation 8-4
8.2.2 Concentration in the Source Areas 8-5
8.2.3 Soil/Water Partitioning Coefficient 8-6
8.3 ADDITIONAL MODEL CHANGES 8-6

TABLE OF CONTENTS (CONTINUED)

9. STABLE ISOTOPE EVALUATION....9-1
9.1 COMPOUND-SPECIFIC ISOTOPE SIGNATURES OF CHLORINATED SOLVENTS....9-1
9.2 STABLE OXYGEN AND HYDROGEN ISOTOPES....9-2

10. NATURE AND EXTENT OF CONTAMINATION....10-1
10.1 ANALYTICAL DATA....10-1
10.2 SMC SITE SOURCE AREA....10-1
10.3 CHEMICAL MARKERS....10-2
10.4 DISTRIBUTION OF CONTAMINATION IN SOIL....10-2
10.5 DISTRIBUTION OF CONTAMINATION IN GROUNDWATER....10-3
10.5.1 Migration of TCE....10-3
10.5.2 Commingling of Plumes....10-6
10.5.3 Capture of Chlorinated Solvents by GWM....10-7
10.5.4 Groundwater Quality Trends....10-8
10.6 DISTRIBUTION OF CONTAMINATION IN SOIL GAS....10-9
10.7 DISTRIBUTION OF CONTAMINATION IN INDOOR AIR....10-10
10.7.1 South Fruit Valley Neighborhood....10-10
10.7.2 Port Tenant Buildings....10-10
10.8 DISTRIBUTION OF CONTAMINATION IN OUTDOOR AIR....10-11

11. RISK ASSESSMENT SUMMARY....11-1
11.1 EXPOSURE ASSESSMENT....11-1
11.2 TOXICITY ASSESSMENT....11-1
11.3 RISK CHARACTERIZATION....11-2
11.4 RA CONCLUSIONS....11-2

12. CONCLUSIONS....12-1

13. RECOMMENDATIONS....13-1

14. REFERENCES....14-1

TABLES

1-1 Port of Vancouver Building Designations
3-1 Environmental Assessment – Test Pit Soil and Groundwater Samples
3-2 Environmental Assessment – Soil Samples
3-3 Environmental Assessment – Groundwater Samples
3-4 Second Site Investigation – Soil Samples
3-5 Second Site Investigation – Groundwater Samples
3-6 Third Site Investigation –North Fruit Valley Neighborhood Soil Samples
3-7 Third Site Investigation –North Fruit Valley Neighborhood Groundwater Samples
3-8 Third Site Investigation –South Fruit Valley Neighborhood Groundwater Samples
3-9 Third Site Investigation – Depth Specific Groundwater Sample Results
3-10 Third Site Investigation – Soil Sample Results
4-1 Soil Interim Action – VOC Concentrations in Concrete Pit and Pipe Samples
4-2 Soil Interim Action – Metal Concentrations in Concrete Pit and Pipe Samples
4-3 Soil Interim Action – VOC Concentrations in Soil Samples Collected Under SMC Slab
4-4 Soil Interim Action – Metal Concentrations in Soil Samples Collected Under SMC Slab
4-5 Soil Interim Action – VOC Concentrations in Soil Samples Collected Under NE Section of SMC Slab
4-6 Soil Interim Action – SMC Remedial Excavation Verification Samples
4-7 Soil Interim Action – Verification Samples for Remedial Excavations Under NE Section SMC Slab
4-8 Soil Interim Action – Concentrations of VOCs in Soil Remaining in Place
4-9 Soil Interim Action – Treatment Cell System Samples
4-10 Soil Interim Action – Treatment Cell Verification Soil Samples
5-1 Remedial Investigation –Monitoring Well Completion Data
5-2 RI Phase I – Depth Specific Groundwater Analytical Results
5-3 Remedial Investigation – Historical Summary of Groundwater Analytical Results
5-4 RI Phase I – Probe Boring Analytical Results
5-5 RI Phase II – Depth Specific Groundwater Analytical Results
5-6 RI Phase II – Groundwater Probe Boring Analytical Results
5-7 RI Phase III – Depth Specific Groundwater Analytical Results
5-8 RI Phase III – Summary of Natural Attenuation Parameters Analytical Results
5-9 RI Phase III – Probe Boring Analytical Results
5-10 RI Phase III – Soil Gas Borings Analytical Results
5-11 RI Phase IV – Summary of Depth-Specific Groundwater Analytical Results
5-12 RI Phase IV – Source Area Fine-Grained Sand Layer Investigation Results
5-13 RI Phase IV – Soil Gas Sample Results - Port Tenant Property
5-14 RI Phase IV – Soil Gas Sample Results - South Fruit Valley Neighborhood
5-15 RI Phase IV – Indoor Air Analytical Results - South Fruit Valley Neighborhood
5-16 RI Phase IV – Indoor Air Analytical Results - Port Tenant Properties
5-17 RI Phase IV – Outdoor Air Analytical Results - Port Tenant Properties and South Fruit Valley Neighborhood

TABLE OF CONTENTS (CONTINUED)

5-18 RI Phase IV – Baghouse Dust and Slag Sample Locations - Former Carborundum Ponds
5-19 RI Phase IV – Groundwater Analytical Results - Former Carborundum Ponds
5-20 RI Phase IV – Summary of Probe Boring Baghouse Dust and Slag Analytical Results - Former Carborundum Ponds
5-21 RI Phase IV – MW-5d and MW-5dR Analytical Results - Decommissioning and Replacement
5-22 Remedial Investigation – Groundwater Elevations from 2002 to 2006
5-23 Remedial Investigation – Summary of Quarterly Groundwater Sampling Events
6-1 Interim Actions – Summary of treatment program and groundwater sampling events
6-2 Interim Actions – Treatment Injection Volumes - Fenton's Reagent
6-3 Interim Actions – Treatment Injection Volumes - Potassium Permanganate
6-4 Interim Actions – Summary of Groundwater Interim Action Sampling Results
6-5 Interim Actions – Post-Injection Interim Action Monitoring Results - Probe Boring SB Samples
7-1 Geologic/ Hydrogeologic Conditions – Alluvium Unit Summary
7-2 Geologic/ Hydrogeologic Conditions – Top of Troutdale Formation Elevations
7-3 Geologic/ Hydrogeologic Conditions – Monitoring Well Completion Summary with Geologic Units
7-4 Geologic/ Hydrogeologic Conditions – Tidal Efficiency
7-5 Geologic/ Hydrogeologic Conditions – Transducer Water Elevation Data - Rolling and Straight Averages
9-1 Stable Isotope Evaluation –Compound Specific Isotope Analysis
9-2 Stable Isotope Evaluation – Oxygen and Hydrogen Stable Isotope Data
9-3 Stable Isotope Evaluation – Summary of Stable Isotope Data
10-1 Nature and Extent of Contamination – Depth-Specific Samples Collected During Monitoring Well Installations - Cadet and SMC Sites
10-2 Nature and Extent of Contamination – TCE Correlation Coefficients - 2002 to 2007
10-3 Nature and Extent of Contamination – Trichlorofluoromethane Concentrations in Groundwater

FIGURES

1-1 Site Location Map
1-2 Project Area
2-1 Project Area Well Network
2-2 Former SMC site building locations
2-3 City of Vancouver Mill Plain Extension Sample Locations
2-4 Cadet Site Well Network
2-5 Cadet site AS/SVE, RGRW, and SVV System Locations
2-6 ST Services Site and Well Network
3-1 Pre-RI Work Plan Environmental Assessment Sample Locations
3-2 Pre-RI Work Plan Second Site Investigation Sample Locations

3-3 Pre-RI Work Plan Third Site Investigation Sample Locations
3-4 Pre-RI Work Plan Third Site Investigation Sample Locations
4-1 Photograph Locations
4-2 Approximate SMC Concrete Slab Area Sample Locations
4-3 Final Verification Sample Locations and TCE Concentrations
4-4 Locations of test pits, remedial excavations and verification samples in NE section of SMC slab.
4-5 Sample Locations and TCE concentrations in Soil after Remedial Excavation
5-1 Locations of RI Phase I Investigation
5-2 Locations of RI Phase II Investigation
5-3 Locations of RI Phase III Investigation
5-4 Locations of RI Phase IV Investigation
5-5 Sand layer Borings and Cross Section Orientation
5-6 Source Area Cross Section A-A'
5-7 Source Area Cross Section B-B'
5-8 Soil Gas Well Locations
5-9 Cross Section Orientation
5-10 Cross Section C-C'
5-11 SFVN Indoor Air Sampling Locations and Results
5-12 Outdoor Air Sampling Locations
5-13 Former Carborundum Pond Probe Boring Locations
5-14 PCE Isoconcentrations Former Carborundum Pond
5-15 TCE Isoconcentrations Former Carborundum Pond
5-16 Concentrations of Volatile Organic Compounds (VOCs) detected from MW-5d
5-17 Groundwater Elevation Trends - Shallow Wells
5-18 Groundwater Elevation Trends - Intermediate Wells
5-19 Groundwater Elevation Trends - Deep Wells
6-1 Approximate Extent of Residual TCE (Pre-Treatment)
6-2 Shallow Horizon Injection Well Locations
6-3 Deep Horizon Injection Well Locations
6-4 Baseline TCE Concentration Map – Shallow Horizon
6-5 TCE Concentration Map – Second Verification Sampling Event
6-6 TCE Concentration Map – Seventh Verification Sampling Event
6-7 TCE Concentration Map – Twelfth Verification Sampling Event
6-8 TCE Concentration Map – February 2007 Sampling Event
7-1 Regional and Project Area Geologic and Hydrogeologic Units
7-2 Cross Section Orientations
7-3 Cross Section D-D'
7-4 Cross Section E-E'
7-5 Cross Section E'-E''
7-6 Extent of Fill Sand
7-7 Channel Fill Thickness
7-8 Top of Troutdale Formation Elevation
7-9 Capture Zones

TABLE OF CONTENTS (CONTINUED)

7-10 Transducer Monitoring Sites
7-11 Compiled Water Levels from Transducer Monitoring Locations
7-12 Portland Precipitation Record for Period of Transducer Study
7-13 Average Water Level Elevations and Tidal Efficiency
8-1 Chlorinated Solvent Concentration in the Lower Section of Recent Alluvium 1967 to 2003
8-2 Chlorinated Solvent Concentration in the Upper Section of USA 1967 to 2003
8-3 Chlorinated Solvent Concentration in the Lower Section of USA 1967 to 2003
8-4 Cadet Facility Model Source Area
8-5 ST Services Model Source Area
8-6 SMC Site Model Source Area
9-1 Compound Specific Carbon Isotope Signatures - TCE
9-2 Compound Specific Carbon Isotope Signatures - PCE
9-3 Compound Specific Carbon Isotope Signatures - PCE vs. TCE
9-4 Stable Hydrogen versus Oxygen Isotope Plot
9-5 Spatial Distribution of Mean Oxygen in Precipitation in Washington State
9-6 Oxygen Isotope Ratios – Shallow Wells
9-7 Oxygen Isotope Ratios/Model Groundwater Flow Paths - Intermediate Wells
9-8 Histograms for Stable Oxygen and Hydrogen Isotope Ratios
10-1 TCE Isoconcentrations - Shallow Zone
10-2 TCE Isoconcentrations - Intermediate Zone
10-3 Cross Section Orientation
10-4 Vertical Distribution of TCE Along Cross Section F-F'
10-5 Vertical Distribution of TCE Along Cross Section G-G'
10-6 Extent of the Deep Zone USA
10-7 Distribution of TCE in Deep Wells
10-8 TCE Concentrations in Deep Wells
10-9 TGA Monitoring Wells
10-10 TCE Isoconcentrations In Shallow Groundwater Jan-March 2002
10-11 TCE Isoconcentrations In Shallow Groundwater Jan-Feb 2004
10-12 TCE Isoconcentrations In Shallow Groundwater Nov 2005
10-13 TCE Isoconcentrations In Shallow Groundwater Sept 2006
10-14 Concentration of TCE in Port Tenant Soil Gas Wells and Shallow Groundwater

APPENDICES

A Analytical Laboratory Reports
B Excavation Photographs
C Disposal Documentation for Removed Soil
D Letters from Ecology
E-1 Monitoring Well Boring Logs

E-2 Boring Logs from Fine Grained Sand Layer Investigation

E-3 Soil Gas Well Boring Logs

E-4 Boring Logs from Carborundum Ponds Investigation

F Technical Memorandum Addressing Transducer Study

G Transducer Water Level Maps

H Great Western Malting Pumping Data

I Risk Assessment

J PCE and TCE Time Series Plots

K RI Comments and Responses

Tables

Table 1-1:
Port of Vancouver Building Number Assignments
Former Building 2220 Site, Port of Vancouver

Tenant/ POV	Old Building Number	New Building Number	Description
Columbia Shores	110	110	Office Building
Red Lion Hotel	120	100	Restaurant
Red Lion Hotel	120	100	Hotel
Red Lion Hotel	120	100	Convention Center
POV	140	199	Dock - Terminal 1
Boise Cascade Paper	160	160	Warehouse
Boise Cascade Paper	176	176	Main Plant (Part)
POV	205	1695	Low Tower - Water
POV	207	1685	Pumphouse #1
POV	209	1675	High Tower - Water
Pacific Coast Shredding	246	900	Office
Cell2	--	1805	Paved Area
POV	281	1865	Pumphouse #3
United Grain	300	1975	WSDA Inspection Lab
United Grain	301	1905	Grain Shack
United Grain	310	1905	Office
United Grain	311	1905	Super Cargo Office
United Grain	312	1925	Electrician Shop/ Grain car Inspection
United Grain	325	1955	Millwrights Shop
Great Western Malting	330	1795	Track Shed
United Grain	331	1925	A House/ A House 6 Pack (Silos)
POV	333	1855	Pumphouse #2
Great Western Malting	335	1895	Elevator (Silo)/ Storage Building
Great Western Malting	340	1895	Building B - Drumhouse
United Grain	350	1905	A House West Annex (Silos)
United Grain	355	1905	Work House (Silos)
United Grain	380	1925	C House Elevator (Silos)
United Grain	391	1999	Grain Dock
POV	410	--	Super Cargo Office - Berth #1
POV	411	--	Powerhouse - Berth #1
POV	425	2245	Alan & Carl's Office (Trailer)
POV	430	2025	Warehouse
POV	480	2099	Dock - Berth #1
POV	500	2305	Warehouse
POV	561	2299	Dock - Berth #2
POV	580	--	Truck Scale House - Berth #4
POV	585	--	Super Cargo - (sitting under T3 power lines)
POV	591	2299	Dock - Berth #3
POV	592	2399	Dock - Low Dock (Berth #4)
POV	193	2499	Dock - Oil Dock (Berth #5)
ST Services/Tesoro	595	2505	Oil Spill Response Warehouse
POV	625	2835	Pulp/Paper/Lumber Warehouse
POV	--	2845	Warehouse
ST Services(Valero)	626	2645	A-Frame (Large)
ST Services(Valero)	640	2585	GATX Warehouse
ST Services(Valero)	651	2655	A-Frame (Small)
ST Services(Valero)	652	2625	Warehouse
ST Services(Valero)	655	2565	Warehouse/office
ST Services(Valero)	656	2505	Tank Farm

Table 1-1:
Port of Vancouver Building Number Assignments
Former Building 2220 Site, Port of Vancouver

Tenant/ POV	Old Building Number	New Building Number	Description
ST Services(Valero)	656	2515	Sodium Hydroxide Tanks
ST Services(Valero)	657	--	Boat House
Kinder Morgan	674	--	Bulk Facility Ship Loader - Berth #7
POV	675	--	Dock Powerhouse - Berth #7
POV	685	2805	Gearlocker/Warehouse Berth #7
POV	690	2799	Dock - Berth #7
POV	740	3105	Warehouse
POV	741	3115	Office South of #740
POV	745	3125	Pole Shed #3
POV	750	3155	Lunchroom - Berth 8/9
POV	770	3115	Restroom - Berth #8
POV	776	2899	Dock - Berth #8
POV	781	3199	Dock - Berth #9
POV	863	3675	Restroom - Terminal 4
POV	864	3665	Super Cargo Office - Terminal 4
POV	871	3599	Floating Hull - Berth #10
POV	885	4299	T Dock - Berth #13
POV	890	4399	T Dock - Berth #14
Sheriff	891	4406	Sheriff's Boat House
Col River S&G/ Glacier	895	3101	Trailer Shed
Subaru	1320	3309 G	Warehouse - Auto Processing
Seafarer's Center	1335	3405	Office
Marine Terminals Corp.	1428	3075	Storage Warehouse
POV Terminal Office	1430	2985	Office
PNW Ship & Cargo	1430	2985	Office
MTC	1435	3015	Star Shipping Office
POV	1475	3205	POV Maintenance Building
Kinder Morgan	1510	--	Fuel Tank - Bulk Facility
Kinder Morgan	--	2695	Bulk Rubb Building
Kinder Morgan	1511	2755	Scale House - Berth #7 (cinder block)
Kinder Morgan	1512	--	Hydraulic Building - Berth #7
Kinder Morgan	1513	2795	Rail Receiving Building - Berth #7
Kinder Morgan	1514	2765	Maintenance Shed
POV	1526	2795	Water Pretreatment System - Berth #7
Kinder Morgan	1527	2775	Control Building - Main House
Kinder Morgan	1529	2785	Bulk Oil Shed
Kinder Morgan	1545	2745	Bulk Coverall Building
Kinder Morgan	1550	2725	Bulk Facility Main House
Kinder Morgan	1551	1735	Bulk Facility Office (Trailer)
Kinder Morgan	1568	2705	Sand Shed
POV	1573	--	Restroom
POV	1620	2375	Electrical Control Building
POV	1660	2601	Guard Shack
POV	1715	2155	Warehouse/ Maintenance Lunchroom
G&M Trucking	1726	2101	Warehouse
G&M Trucking	1730	2101	Warehouse
POV	1751	2045	Office
POV Security Office	1755	2005	Dust Collection Building
Trimac	1756	2601	Office

Table 1-1:
Port of Vancouver Building Number Assignments
Former Building 2220 Site, Port of Vancouver

Tenant/ POV	Old Building Number	New Building Number	Description
POV	1760	2035	Yard/ Office Restroom
POV	1776	2185	Warehouse
POV	1785	3175	Fueling Station
Northwest Packing	1805	1801	Fork Lift Repair Warehouse
Northwest Packing	1817	1901	NWP Warehouse #4
Northwest Packing	1818	1735	6/10 Label Line Warehouse
Northwest Packing	1825	1703	Warehouse (Boilers/Personnel)
Northwest Packing	1830	1703	Plant Warehouse
Northwest Packing	1835	1701	Office
Northwest Packing	1836	1703	Pear Line Warehouse
Northwest Packing	1838	1703	NWP Warehouse #6
Northwest Packing	1839	1703	NWP Warehouse #1
POV	1847	--	Supply Shed/Loci (red)
Great Western Malting	1851	1725	Compartment House #1,2
Great Western Malting	1854	1715	Bldg. GWN Comp House
Great Western Malting	1860	1665	Boiler Control Room
POV	1865	1645	Weld Shop
Vacant	1870	1200	Building
United Grain	1871	--	Flammable Storage Shed
United Grain	1873	--	A House Car Puller Shed
Great Western Malting	1874	1655	Topper Building
Great Western Malting	1875	1725	Fleximalt House
Great Western Malting	1876	1705	Office A
United Grain	1877	1745	Elevator B (Silos)/ Lean to Warehouse
Great Western Malting	1878	1705	Hazardous Waste Storage Building
Great Western Malting	1879	1665	Flammable Storage Shed
United Grain	1880	1745	Slurry House
United Grain	1895	--	Electrical Control Building
Great Western Malting	--	1875	Pilot Roast House
Great Western Malting	--	1875	Pilot Lab Building
Great Western Malting	--	1875	Mircobrew Elevator (Silos)
Vacant	2224	2401	Warehouse
United Road	2240	2480	Warehouse
Panasonic	--	2402	Albricci Parking Lot
Panasonic	2245	2501	Warehouse
Panasonic	2246	2001	Maintenance Building
Scope Services	2248	2400	Air Conditioning Building
Panasonic	2255	2001	Warehouse
Panasonic	2255	2001	Flammable Storage Building (Cinder Block)
Panasonic	2255	2001	Shipping Office
Panasonic	2255	2001	Portable Office
Panasonic	2255	2001	Bar Code Printing Room
Panasonic	2255	2001	Guard Shack
Panasonic	2260	2100	Warehouse
Verizon	2261	2000	Cell Tower
Tesoro	2280	2231	Tank Farm
Tesoro	2280	2215	Depot
Tesoro	2280	2211	Office
Tesoro	2280	2215	Storage Shed

Table 1-1:
Port of Vancouver Building Number Assignments
Former Building 2220 Site, Port of Vancouver

Tenant/ POV	Old Building Number	New Building Number	Description
Tesoro	2280	2205	Fire Pump House
Tesoro	2280	2205	Shed
Tesoro (Oly Pipeline)	2290	2251	Control Building
Tesoro (Oly Pipeline)	2291	2251	Storage Building
Glacier Northwest	--	2327	Concrete Batch Plant
Bowers Steel	--	2451	Steel Re-Bar Yard
Trimac	2350	2601	Plant Warehouse
Humane Society	2360	2121	Humane Society Building
Trimac	2363	2601	Storage Shed
Rest-a-Phone/Vanc CFS	2425	2801	Warehouse
Commodities Plus	2451	2707	Warehouse
Commodities Plus	2451	2707	Dust Collection Building
Commodities Plus	2451	2707	Pole Shed Building
Commodities Plus	2451	2707	Mechanical Shed
Vancouver CFS, Inc.	2461	2701	Warehouse
Vancouver CFS, Inc.	2467	2701	Office
Plastics Northwest	2480	2851	Warehouse
Food Express	2490	2901	Warehouse
Boise Bldg. Materials	2516	3309	Warehouse
Boise Bldg. Materials	2530	3209	Warehouse
POV	2542	3103	Port Administration Office
Boise Bldg. Materials	2545	3221	Shed
Boise Bldg. Materials	2551	3231	Shed
Panasonic	2565	--	Shipping / Receiving
Manufacturers Supply	2575	3201	Warehouse 2575 - SW Corner
Fabricated Products	2575	3201	Warehouse 2575 - NW Corner
Corps of Engineers	2575	3201	Warehouse 2575 - Western Middle Section
Sound Delivery Warehouse	2575	3201	Warehouse 2575 - Eastern Section
Patrick Industries	2575	3201	Warehouse 2575 - Eastern Middle Section
United Harvest Admin	2575	3201	Warehouse 2575 - Office area
Boise Bldg. Materials	2582	3301	Storage Yard
TriStar Transload	Parcel 1C	3702	Lumber Transload
Farm	2815	6818	Andersen Dairy
Farm	2825	8612	Holdner Farms (Closest to River)
Farm	2825	8603	Holdner Farms (Closest to Road)
Farm	2835	8211	Lechtenberg Farms
Cadet Manufacturing	--	2500	Manufacturing Facility
Accurate Welding	--	3703	Steel Yard (NW Corner of Parcel 1A)
POV	--	3555	Open Storage (Parcel 1D)

-- = No Number Listed

Table 3-1: Pre-RI Work Plan - Environmental Assessment
Test Pit Soil and Groundwater Samples
Former Building 2220 Site, Port of Vancouver

Soil Samples

Sample Location	Sample Depth (ft bgs)	Sample Date	Diesel (mg/Kg)	Heavy Oil (mg/Kg)
T1-01	1	01/06/98	20 U	40 U
T1-02	3	01/06/98	20 U	40 U
T1-03	6	01/06/98	20 U	40 U
T2-01	1.5	01/06/98	20 U	40 U
T2-02	4	01/06/98	20 U	40 U
T2-03	7	01/06/98	20 U	40 U
T3-01	1	01/06/98	20 U	40 U
T3-02	3	01/06/98	20 U	40 U
T3-03	6	01/06/98	20 U	40 U
T4-01	1	01/06/98	20 U	40 U
T4-02	3	01/06/98	20 U	40 U
T4-03	7	01/06/98	20 U	40 U
T5-01	1	01/06/98	20 U	40 U
T5-03	7	01/06/98	20 U	40 U
T6-01	1.5	01/06/98	20 U	40 U
T6-02	4	01/06/98	20 U	40 U
T6-03	7	01/06/98	20 U	40 U
T7-01	4	01/06/98	20 U	40 U
T8-01	4	01/06/98	20 U	40 U

Groundwater Samples

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	Carbon Tetrachloride (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	Dichloromethane (µg/L)	Tetrachloroethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)
T5-02	3	01/07/98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Bold results indicate results above detection limits.
ft bgs - feet below ground surface
QC Code: D = field duplicate sample, DP = primary sample associated with field duplicate.
U = constituent not detected above reported sample detection limit. J = result is estimated.
-- = constituent was not analyzed for.

Table 3-2: Pre-RI Work Plan - Environmental Assessment
Soil Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	Diesel (mg/Kg)	Heavy Oil (mg/Kg)	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	o-Xylene (µg/Kg)	Tetra-chloroethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
306-1	7	01/07/98	--	--	50 U	--	--	50 U	**930**	--
306-1	12	01/07/98	--	--	50 U	--	--	50 U	**90**	--
306-1	17	01/07/98	--	--	50 U	--	--	50 U	**120**	--
306-1	19	01/07/98	--	--	50 U	--	--	50 U	**4,200**	--
306-2	7	01/07/98	--	--	50 U	--	--	50 U	**1,200**	--
306-2	12	01/07/98	--	--	50 U	--	--	50 U	**1,500**	--
306-2	17	01/07/98	--	--	50 U	--	--	50 U	**140**	--
306-3	7	01/07/98	--	--	50 U	--	--	50 U	**690**	--
306-3	12	01/07/98	--	--	50 U	--	--	50 U	**3,000**	--
306-3	17	01/07/98	--	--	50 U	--	--	50 U	**350**	--
306-4	7	01/07/98	--	--	50 U	--	--	50 U	**100**	--
306-4	12	01/07/98	--	--	50 U	--	--	50 U	**210**	--
306-4	17	01/07/98	--	--	50 U	--	--	50 U	**590**	--
306-5	7	01/08/98	--	--	50 U	--	--	50 U	**3,300**	--
306-5	12	01/08/98	--	--	50 U	--	--	50 U	**230**	--
306-5	17	01/08/98	--	--	50 U	--	--	50 U	**300**	--
306-6	7	01/08/98	--	--	50 U	--	--	50 U	**1,000**	--
306-6	12	01/08/98	--	--	50 U	--	--	50 U	**2,600**	--
306-6	17	01/08/98	--	--	50 U	--	--	**190**	**3,700**	--
306-7	7	01/08/98	--	--	50 U	--	--	50 U	**210**	--
306-7	12	01/08/98	--	--	50 U	--	--	50 U	**220**	--
306-7	17	01/08/98	--	--	50 U	--	--	50 U	**180**	--
306-8	7	01/08/98	--	--	50 U	--	--	50 U	**170**	--
306-9	7	01/08/98	--	--	50 U	--	--	50 U	**250**	--
306-9	12	01/08/98	--	--	50 U	--	--	50 U	50 U	--
306-9	17	01/08/98	--	--	50 U	--	--	50 U	50 U	--
306-10	7	01/08/98	--	--	50 U	--	--	50 U	**200**	--
306-10	12	01/08/98	--	--	50 U	--	--	50 U	**240**	--
306-10	17	01/08/98	--	--	50 U	--	--	50 U	**190**	--
306-14	3	01/09/98	--	--	50 U	--	--	50 U	**1,500**	--
306-15	3	01/09/98	--	--	50 U	--	--	**150**	**4,400**	--
306-16	3	01/09/98	--	--	50 U	--	--	**1,100**	**17,000**	--
306-17	3	01/09/98	--	--	50 U	--	--	**270**	**4,800**	--
306-18	3	01/09/98	--	--	50 U	--	--	50 U	**1,100**	--

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

QC Code: D = field duplicate sample, DP = primary sample associated with field duplicate.

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 3-3: Pre-RI Work Plan - Environmental Assessment
Groundwater Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1,1,2-Tetrachloro-ethane (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2,2-Tetrachloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	1,4-Dichloro-benzene (µg/L)	Benzene (µg/L)	Carbon Tetrachloride (µg/L)	Chloro-benzene (µg/L)	Chloroform (µg/L)	Methyl ethyl ketone (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	Methylene chloride (µg/L)	Tetrachloro-ethene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	Trichloro-ethene (µg/L)	Vinyl chloride (µg/L)
306-1	25	01/07/98	100 U	100 U	100 U	100 U	100 U	100 U	100 U	--	--	100 U	--	100 U	--	100 U	100 U	100 U	100 U	**2,500**	--
306-2	25	01/07/98	100 U	100 U	100 U	100 U	100 U	100 U	100 U	--	--	100 U	--	100 U	--	100 U	100 U	**360**	100 U	**12,800**	--
306-3	25	01/07/98	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	--	500 U	500 U	500 U	500 U	**10,500**	--
306-4	25	01/07/98	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	--	500 U	500 U	500 U	500 U	**4,360**	--
306-5	25	01/08/98	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	--	500 U	500 U	**590**	500 U	**42,600**	--
306-6	25	01/08/98	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	--	500 U	500 U	500 U	500 U	**19,800**	--
306-7	25	01/08/98	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--	--	500 U	--	500 U	--	500 U	500 U	500 U	500 U	**9,600**	--
306-8	25	01/08/98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	--	**6**	1 U	**29**	1 U	**410**	--
306-9	25	01/08/98	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--	20 U	--	20 U	--	**26**	20 U	**110**	20 U	**3,900**	--
306-10	25	01/08/98	100 U	100 U	100 U	100 U	100 U	100 U	100 U	--	--	100 U	--	100 U	--	100 U	100 U	100 U	100 U	**3,440**	--
306-11	25	01/09/98	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	10 U	--	10 U	--	10 U	10 U	10 U	10 U	**29**	--
306-12	25	01/09/98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	--	1 U	1 U	1 U	1 U	1 U	--
306-13	25	01/09/98	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--	40 U	--	40 U	--	40 U	40 U	40 U	40 U	**1,000**	--
306-15	25	01/22/98	--	--	--	--	--	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	250 UJ	--	--	20 UJ	--	**71.8 J**	100 UJ
306-16	25	01/22/98	--	--	--	--	--	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	250 UJ	--	--	20 UJ	--	20 UJ	100 UJ
306-19	25	01/09/98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	--	**3.8**	1 U	**1.7**	1 U	**5.2**	--
306-20	25	01/09/98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	--	1 U	1 U	1 U	1 U	1 U	--
306-21	25	01/09/98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	--	1 U	1 U	1 U	1 U	1 U	--

Bold results indicate results above detection limits.
ft bgs - feet below ground surface
QC Code: D = field duplicate sample, DP = primary sample associated with field duplicate.
U = constituent not detected above reported sample detection limit. J = result is estimated.
-- = constituent was not analyzed for.

Table 3-4: Pre-RI Work Plan - Second Site Investigation
Soil Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
S-1	2	01/20/98	50 U	--	50 U	**6,630**	50 U
S-1	5	01/20/98	50 U	--	50 U	**160**	50 U
S-1	7	01/20/98	50 U	--	50 U	**490**	50 U
S-1	12	01/20/98	50 U	--	50 U	**50**	50 U
S-1	17	01/20/98	50 U	--	50 U	**2,460**	50 U
S-2	2	01/20/98	50 U	--	50 U	**70**	50 U
S-2	5	01/20/98	50 U	--	50 U	**730**	50 U
S-2	7	01/20/98	50 U	--	**50**	**1,030**	50 U
S-2	12	01/20/98	50 U	--	50 U	**1,000**	50 U
S-2	17	01/20/98	50 U	--	50 U	**720**	50 U
S-3	2	01/20/98	50 U	--	**250**	**4,940**	50 U
S-3	5	01/20/98	50 U	--	50 U	**260**	50 U
S-3	7	01/20/98	50 U	--	50 U	**450**	50 U
S-3	12	01/20/98	50 U	--	50 U	**1,350**	50 U
S-3	17	01/20/98	50 U	--	50 U	**700**	50 U
S-4	2	01/19/98	50 U	--	**100**	**1,910**	50 U
S-4	5	01/19/98	50 U	--	50 U	**840**	50 U
S-4	7	01/19/98	50 U	--	50 U	**270**	50 U
S-4	12	01/19/98	50 U	--	50 U	**50**	50 U
S-4	17	01/19/98	50 U	--	50 U	**3,100**	50 U
S-5	2	01/20/98	50 U	--	50 U	**580**	50 U
S-5	5	01/20/98	50 U	--	50 U	**1,550**	50 U
S-5	7	01/20/98	50 U	--	50 U	**690**	50 U
S-5	12	01/20/98	50 U	--	50 U	**1,010**	50 U
S-5	17	01/20/98	50 U	--	**170**	**7,480**	50 U
S-6	2	01/19/98	50 U	--	50 U	**750**	50 U
S-6	5	01/19/98	50 U	--	50 U	**70**	50 U
S-6	7	01/19/98	50 U	--	50 U	**50**	50 U
S-6	12	01/19/98	50 U	--	50 U	50 U	50 U
S-6	17	01/19/98	50 U	--	50 U	**300**	50 U
S-7	2	01/21/98	50 U	--	50 U	**310**	50 U
S-7	5	01/21/98	50 U	--	50 U	**220**	50 U
S-7	7	01/21/98	50 U	--	50 U	**70**	50 U
S-7	12	01/21/98	50 U	--	50 U	50 U	50 U
S-7	17	01/21/98	50 U	--	**60**	**4,600**	50 U
B-1	2	01/20/98	50 U	--	50 U	**220**	50 U
B-1	5	01/20/98	50 U	--	**130**	**2,940**	50 U
B-1	7	01/20/98	50 U	--	50 U	**350**	50 U
B-1	12	01/20/98	50 U	--	50 U	**90**	50 U
B-1	17	01/20/98	50 U	--	50 U	**120**	50 U
B-2	2	01/20/98	50 U	--	50 U	**150**	50 U
B-2	5	01/20/98	50 U	--	50 U	**750**	50 U
B-2	7	01/20/98	50 U	--	50 U	**710**	50 U
B-2	12	01/20/98	50 U	--	50 U	**110**	50 U

Table 3-4: Pre-RI Work Plan - Second Site Investigation
Soil Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
B-2	17	01/20/98	50 U	--	50 U	**120**	50 U
B-3	2	01/20/98	25 U	1000 U	**127**	**1,390**	--
B-3	5	01/20/98	**70.1**	1000 U	25 U	**121**	--
B-3	7	01/20/98	25 U	1000 U	25 U	**98.4**	--
B-3	12	01/20/98	25 U	1000 U	25 U	**707**	--
B-3	17	01/20/98	25 U	1000 U	**94.2**	**2,390**	--
T-1	2	01/19/98	50 U	--	50 U	**280**	50 U
T-1	6	01/19/98	50 U	--	50 U	**140**	50 U
T-2	2	01/19/98	50 U	--	50 U	**60**	50 U
T-2	6	01/19/98	50 U	--	50 U	50 U	50 U
T-3	2	01/19/98	50 U	--	50 U	50 U	50 U
T-3	6	01/19/98	50 U	--	50 U	50 U	50 U
T-4	2	01/19/98	50 U	--	50 U	50 U	50 U
T-4	6	01/19/98	50 U	--	50 U	50 U	50 U
T-5	2	01/19/98	50 U	--	50 U	50 U	50 U
T-5	6	01/19/98	50 U	--	50 U	50 U	50 U
T-6	2	01/19/98	50 U	--	50 U	50 U	50 U
T-6	6	01/19/98	50 U	--	50 U	**190**	50 U
T-7	2	01/19/98	50 U	--	**170**	**3,650**	50 U
T-7	6	01/19/98	50 U	--	50 U	**210**	50 U
T-8	2	01/19/98	50 U	--	50 U	**400**	50 U
T-8	6	01/19/98	50 U	--	50 U	**220**	50 U
T-9	2	01/19/98	50 U	--	**150**	**1,770**	50 U
T-9	6	01/19/98	50 U	--	**150**	**1,630**	50 U
T-10	2	01/19/98	50 U	--	**120**	**3,220**	50 U
T-10	6	01/19/98	50 U	--	50 U	**250**	50 U
T-11	2	01/19/98	50 U	--	50 U	50 U	50 U
T-11	6	01/19/98	50 U	--	50 U	50 U	50 U
T-12	2	01/19/98	50 U	--	50 U	50 U	50 U
T-12	6	01/19/98	50 U	--	50 U	**50**	50 U
T-13	2	01/19/98	50 U	--	50 U	50 U	50 U
T-13	6	01/19/98	50 U	--	50 U	50 U	50 U
T-15	2	01/21/98	25 U	1000 U	**78.7**	**450**	--
T-15	5	01/21/98	25 U	1000 U	25 U	**67**	--
T-15	7	01/21/98	25 U	1000 U	25 U	**78.9**	--
T-15	12	01/21/98	25 U	1000 U	25 U	**78.9**	--
T-15	17	01/21/98	25 U	1000 U	25 U	**91.4**	--
T-16	2	01/21/98	25 U	1000 U	**170**	**2,170**	--
T-16	5	01/21/98	25 U	1000 U	25 U	**86**	--
T-16	7	01/21/98	25 U	1000 U	25 U	**94.4**	--
T-16	12	01/21/98	25 U	1000 U	25 U	**73.7**	--
T-16	17	01/21/98	25 U	1000 U	25 U	**213**	--
T-17	2	01/21/98	25 U	1000 U	**72.7**	**544**	--
T-17	5	01/21/98	25 U	1000 U	25 U	**92.2**	--

Table 3-4: Pre-RI Work Plan - Second Site Investigation
Soil Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
T-17	7	01/21/98	25 U	1000 U	25 U	**93.6**	--
T-17	12	01/21/98	25 U	1000 U	25 U	**91.3**	--
T-17	17	01/21/98	25 U	1000 U	25 U	**656**	--
T-18	2	01/21/98	**78.2**	1000 U	**98.6**	**1,420**	--
T-18	5	01/21/98	25 U	1000 U	25 U	**74.5**	--
T-18	7	01/21/98	25 U	1000 U	25 U	**82.8**	--
T-18	12	01/21/98	25 U	1000 U	25 U	**108**	--
T-18	17	01/21/98	25 U	1000 U	25 U	**219**	--
T-19	2	01/21/98	25 U	1000 U	25 U	**174**	--
T-19	5	01/21/98	25 U	1000 U	25 U	**87.4**	--
T-19	7	01/21/98	25 U	1000 U	25 U	**120**	--
T-19	12	01/21/98	25 U	1000 U	25 U	**102**	--
T-19	17	01/21/98	25 U	1000 U	25 U	**152**	--
P-1	2	01/21/98	50 U	--	50 U	50 U	50 U
P-1	5	01/21/98	50 U	--	50 U	50 U	50 U
P-1	7	01/21/98	50 U	--	50 U	50 U	50 U
P-1	12	01/21/98	50 U	--	50 U	50 U	50 U
P-1	17	01/21/98	50 U	--	50 U	50 U	50 U
P-2	7	01/21/98	50 U	--	50 U	50 U	50 U
P-2	12	01/21/98	50 U	--	50 U	50 U	50 U
P-2	17	01/21/98	50 U	--	50 U	50 U	50 U
P-3	5	01/21/98	50 U	--	50 U	50 U	50 U
P-3	7	01/21/98	50 U	--	50 U	50 U	50 U
P-3	12	01/21/98	50 U	--	50 U	50 U	50 U
P-3	17	01/21/98	50 U	--	50 U	50 U	50 U
P-4	5	01/21/98	50 U	--	50 U	50 U	50 U
P-4	7	01/21/98	50 U	--	50 U	50 U	50 U
P-4	12	01/21/98	50 U	--	50 U	50 U	50 U
P-4	17	01/21/98	50 U	--	50 U	50 U	50 U
P-5	5	01/22/98	25 U	1000 U	25 U	25 U	--
P-5	7	01/22/98	25 U	1000 U	25 U	25 U	--
P-5	12	01/22/98	25 U	1000 U	25 U	25 U	--
P-5	17	01/22/98	25 U	1000 U	25 U	25 U	--
P-6	5	01/22/98	25 U	1000 U	25 U	25 U	--
P-6	7	01/22/98	25 U	1000 U	25 U	25 U	--
P-6	12	01/22/98	25 U	1000 U	25 U	25 U	--
P-6	17	01/22/98	25 U	1000 U	25 U	25 U	--
P-7	5	01/22/98	25 U	1000 U	25 U	25 U	--
P-7	7	01/22/98	25 U	1000 U	25 U	25 U	--
P-7	12	01/22/98	25 U	1000 U	25 U	25 U	--
P-7	17	01/22/98	25 U	1000 U	25 U	25 U	--
P-8	5	01/22/98	25 U	1000 U	25 U	25 U	--
P-8	7	01/22/98	25 U	1000 U	25 U	25 U	--

Table 3-4: Pre-RI Work Plan - Second Site Investigation
Soil Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
P-8	12	01/22/98	25 U	1000 U	25 U	25 U	--
P-8	17	01/22/98	25 U	1000 U	25 U	25 U	--
P-9	5	01/22/98	25 U	1000 U	25 U	25 U	--
P-9	7	01/22/98	25 U	1000 U	25 U	25 U	--
P-9	12	01/22/98	25 U	1000 U	25 U	25 U	--
P-9	17	01/22/98	25 U	1000 U	25 U	25 U	--
P-10	5	01/23/98	50 U	--	50 U	50 U	50 U
P-10	7	01/23/98	50 U	--	50 U	50 U	50 U
P-10	12	01/23/98	50 U	--	50 U	50 U	50 U
P-10	17	01/23/98	50 U	--	50 U	50 U	50 U
P-11	5	01/23/98	50 U	--	50 U	50 U	50 U
P-11	7	01/23/98	50 U	--	50 U	50 U	50 U
P-11	12	01/23/98	50 U	--	50 U	50 U	50 U
P-11	17	01/23/98	50 U	--	50 U	50 U	50 U

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 3-5: Pre-RI Work Plan - Second Site Investigation
Goundwater Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1,1,2-Tetrachloro-ethane (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	1,4-Dichloro-benzene (µg/L)	Benzene (µg/L)	Carbon Tetrachloride (µg/L)	Chloro-benzene (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	Methylene chloride (µg/L)	Ethyl-benzene (µg/L)	Tetrachloro-ethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	Trichloro-ethene (µg/L)	Vinyl Chloride (µg/L)	Xylenes (total) (µg/L)
B-1	25	01/20/98	40 U	40 U	40 U	40 U	40 U	40 U	--	40 U	40 U	--	40 U	**360**	40 U	40 U	**960**	40 U	40 U	**67,000**	--	40 U
B-2	25	01/20/98	40 U	40 U	40 U	40 U	40 U	40 U	--	40 U	40 U	--	40 U	**280**	40 U	40 U	**4,800**	40 U	40 U	**46,000**	--	40 U
B-3	25	01/20/98	40 U	40 U	40 U	40 U	40 U	40 U	--	40 U	40 U	--	40 U	40 U	40 U	40 U	**56**	40 U	40 U	**3,140**	--	40 U
B-4	20	01/26/98	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	100 U	--	100 U	100 U	100 U	100 U	**6,520**	200 U	200 U
B-4	40	01/26/98	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	50 U	**18.7**	--	5 U	**14.1**	5 U	5 U	**228**	10 U	10 U
B-4	60	01/26/98	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	**16**	--	2.5 U	**11.5**	2.5 U	2.5 U	**98**	5 U	5 U
B-4	80	01/26/98	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	**19.8**	--	2.5 U	**13.2**	2.5 U	2.5 U	**113**	5 U	5 U
B-5	20	01/27/98	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	125 U	**122**	--	12.5 U	**703**	12.5 U	12.5 U	**75,000**	25 U	25 U
B-5	45	01/27/98	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	--	250 U	250 U	250 U	250 U	**9,250**	500 U	500 U
B-5	60	01/27/98	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	5000 U	500 U	--	500 U	500 U	500 U	500 U	**26,100**	1000 U	1000 U
B-5	80	01/27/98	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	--	250 U	250 U	250 U	250 U	**16,900**	500 U	500 U
B-6	20	01/28/98	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	12500 U	1250 U	--	1250 U	1250 U	1250 U	1250 U	**60,300**	2500 U	2500 U
B-6	40	01/28/98	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	--	50 U	50 U	50 U	50 U	**2,240**	100 U	100 U
B-6	60	01/28/98	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	--	50 U	50 U	50 U	50 U	**1,330**	100 U	100 U
B-6	80	01/28/98	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	--	50 U	50 U	50 U	50 U	**2,380**	100 U	100 U
MW-1	20	02/04/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-2	25	02/04/98	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	100 U	100 U	100 U	100 U	100 U	100 U	**5,400**	200 U	200 U
MW-3	18	02/04/98	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	100 U	100 U	100 U	100 U	100 U	100 U	**8,900**	200 U	200 U
MW-4	20	02/04/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**0.802**	0.5 U	0.5 U	**0.887**	0.5 U	0.5 U	**4.58**	1 U	1 U
P-1	25	01/21/98	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	**7.9**	1 U	1 U	**7.6**	1 U	1 U	**230**	--	1 U
P-2	25	01/21/98	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	**6.3**	1 U	1 U	**2.9**	1 U	1 U	**9.8**	--	1 U
P-3	25	01/21/98	1 U	**1**	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	**9**	1 U	1 U	**5.8**	1 U	1 U	**64**	--	1 U
P-4	25	01/21/98	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	**10**	1 U	1 U	**13**	1 U	1 U	**730**	--	1 U
P-5	25	01/22/98	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	**1.4**	1 U	1 U	1 U	1 U	1 U	**1.1**	--	1 U
P-6	25	01/22/98	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U
P-7	25	01/22/98	1 U	**3.1**	1 U	**1.3**	1 U	1 U	--	1 U	1 U	--	1 U	**15**	1 U	1 U	**9.2**	1 U	1 U	**35**	--	1 U
P-8	25	01/22/98	1 U	**2**	1 U	**1.9**	1 U	1 U	--	1 U	1 U	--	1 U	**20**	1 U	1 U	**13**	1 U	1 U	**101**	--	1 U
P-9	25	01/22/98	1 U	**1.2**	1 U	1 U	1 U	1 U	--	1 U	1 U	--	**1.2**	**12**	1 U	1 U	**9.5**	1 U	1 U	**64**	--	1 U
P-10	25	01/23/98	1 U	**1.9**	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	**2.9**	1 U	1 U	**4.8**	1 U	1 U	**22**	--	1 U
P-11	25	01/23/98	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	1 U	**8**	1 U	1 U	**5.4**	1 U	1 U	**12**	--	1 U

Bold results indicate results above detection limits.
ft bgs - feet below ground surface
U = constituent not detected above reported sample detection limit. J = result is estimated.
-- = constituent was not analyzed for.

Table 3-6: Pre-RI Work Plan - Third Site Investigation
North Fruit Valley Neighborhood Soil Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1,1-Trichloroethane (µg/Kg)	1,1-Dichloroethene (µg/Kg)	1,4-Dichloro-benzene (µg/Kg)	Chloroform (µg/Kg)	cis-1,2-Dichloroethene (µg/Kg)	Dichloro-difluoro-methane (µg/Kg)	Methylene chloride (µg/Kg)	o-Xylene (µg/Kg)	Tetra-chloroethene (µg/Kg)	Toluene (µg/Kg)	Tri-chloroethene (µg/Kg)
Unander-1	2	06/17/98	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U
Unander-2	2	06/17/98	50 U	50 U	50 U	50 U	50 U	50 U	1,000 B	50 U	50 U	50 U	50 U
Unander-3	2	06/17/98	50 U	50 U	50 U	50 U	50 U	50 U	1,150 B	50 U	50 U	50 U	50 U
Unander-5	2	06/18/98	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U
W27th-4	2	06/17/98	50 U	50 U	50 U	50 U	50 U	50 U	**1,210 B**	50 U	50 U	50 U	50 U
W28th-1	2	06/18/98	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U
W28th-2	2	06/18/98	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U
W31st-1	2	06/18/98	50 U	50 U	50 U	150 U	50 U	50 U	**2,630 B**	50 U	50 U	50 U	150 U
W31st-2	2	06/17/98	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U
W31st-3	2	06/17/98	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	50 U
Weigel-2	2	06/17/98	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	**82.1**	50 U	**71.7**
Weigel-3	2	06/17/98	50 U	50 U	50 U	50 U	50 U	50 U	1000 U	50 U	50 U	50 U	**68.1**

Bold results indicate results above detection limits.
ft bgs - feet below ground surface
U = constituent not detected above reported sample detection limit. J = result is estimated. B = suspected laboratory contaminate
-- = constituent was not analyzed for.

Table 3-7: Pre-RI Work Plan - Third Site Investigation
North Fruit Valley Neighborhood Groundwater Water Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,4-Dichloro-benzene (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene chloride (µg/L)	Tetra-chloroethene (µg/L)	Toluene (µg/L)	Tri-chloroethene (µg/L)
Unander-01	25	06/17/98	1 U	1 U	1 U	1 U	1 U	10 U	**1**	**2.46**	1 U
Unander-02	25	06/17/98	1 U	1 U	1 U	1 U	1 U	10 U	1 U	**1.14**	**1.15**
Unander-03	25	06/17/98	**42.5**	**3.3**	1 U	1 U	**2.94**	10 U	**29.3**	**1.58**	**625**
Unander-04	25	06/17/98	**116**	**6.44**	1 U	1 U	**5.68**	10 U	**126**	1 U	**1,890 J**
Unander-05	25	06/18/98	**14.2**	**1.5**	1 U	1 U	**5.81**	10 U	**17.3**	**1.73**	**359**
W27th-01	25	03/30/98	0.5 U	0.5 U	0.5 U	5 U	0.5 U	6 U	**2.28**	0.5 U	**20.2**
W27th-02	25	03/30/98	**16.1**	10 U	10 U	100 U	10 U	**131 I**	**29.8**	10 U	**672**
W27th-03	25	03/30/98	**25**	12.5 U	12.5 U	125 U	12.5 U	125 U	**46**	12.5 U	**920**
W27th-04	25	03/30/98	**60**	50 U	50 U	500 U	50 U	500 U	**152**	50 U	**2,360**
W27th-05	25	03/30/98	**14.3**	5 U	5 U	50 U	5 U	50 U	**22.7**	5 U	**224**
W28th-01	25	06/18/98	**104**	**8.22**	1 U	**2.25**	1 U	10 U	**89.5**	1 U	**886**
W28th-01A	25	06/18/98	**1.18**	1 U	**1.25**	1 U	1 U	10 U	**1.23**	**2.23**	**8.04**
W28th-02	25	06/18/98	**113**	**6.25**	1 U	**1.05**	**5.16**	10 U	**98.1**	**1.23**	**1,090**
W31st-01	25	06/18/98	1 U	1 U	1 U	1 U	1 U	10 U	1 U	**1.38**	1 U
W31st-02	25	06/17/98	1 U	1 U	1 U	1 U	1 U	10 U	1 U	**1.23**	1 U
W31st-03	25	06/17/98	1 U	1 U	1 U	1 U	1 U	10 U	1 U	**2.31**	1 U
Weigel-01	25	03/30/98	1 U	1 U	1 U	10 U	**8.96**	10 U	**14.8**	1 U	**70.4**
Weigel-02	25	03/30/98	**5.4**	2.5 U	2.5 U	25 U	**2.64**	25 U	**19.6**	2.5 U	**181**
Weigel-03	25	03/30/98	**180**	50 U	50 U	500 U	50 U	500 U	**245**	50 U	**2,490**
Weigel-04	25	03/30/98	**7.1**	2.5 U	2.5 U	25 U	2.5 U	25 U	**14.1**	2.5 U	**160**
Weigel-05	25	03/30/98	0.5 U	0.5 U	0.5 U	5 U	0.5 U	5 U	**0.958**	0.5 U	**7.73**

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated. I = suspected laboratory contaminate

-- = constituent was not analyzed for.

Table 3-8: Pre-RI Work Plan - Third Site Investigation
South Fruit Valley Neighborhood Groundwater Sample Results
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,4-Dichloro-benzene (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Methylene chloride (µg/L)	Tetra-chloroethene (µg/L)	Toluene (µg/L)	Tri-chloroethene (µg/L)
Alley-1	25	03/31/98	**11.8**	5 U	5 U	50 U	5 U	50 U	**12.1**	5 U	**263**
Alley-2	25	03/31/98	**3.02**	2.5 U	2.5 U	25 U	**6.2**	25 U	**7.3**	**3.11**	**92**
Alley-3	25	03/31/98	**7.35**	5 U	5 U	50 U	**5.81**	50 U	**11.6**	5 U	**202**
Alley-4	25	03/31/98	**4.74**	2.5 U	2.5 U	25 U	**5**	25 U	**10.8**	2.5 U	**153**
Alley-5	25	03/31/98	1 U	1 U	1 U	10 U	**4.94**	10 U	**4.88**	1 U	**45.8**
Alley-6	25	03/31/98	0.5 U	0.5 U	0.5 U	5 U	**3.06**	5 U	**1.83**	0.5 U	**15.6**
Alley-7	25	03/31/98	0.5 U	0.5 U	0.5 U	5 U	**2.51**	5 U	**1.32**	0.5 U	**9.75**

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 3-9: Pre-RI Work Plan - Third Site Investigation
Depth Specific Groundwater Sample Results
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1,1,2-Tetrachloro-ethane (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	1,1-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-ethane (µg/L)	1,4-Dichloro-benzene (µg/L)	Benzene (µg/L)	Carbon Tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloroform (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	Methylene chloride (µg/L)	Ethyl-benzene (µg/L)	Tetra-chloro-ethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	Trichloro-ethene (µg/L)	Vinyl Chloride (µg/L)	Xylenes (total) (µg/L)
S-9	25	02/23/98	20 U	20 U	20 U	20 U	20 U	20 U	--	20 U	20 U	--	20 U	20 U	20 U	20 U	**27**	20 U	20 U	**1,780**	--	20 U
S-11	25	02/23/98	20 U	20 U	20 U	20 U	20 U	20 U	--	20 U	20 U	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**34**	--	20 U
S-12	25	02/23/98	20 U	20 U	20 U	20 U	20 U	20 U	--	20 U	20 U	--	20 U	20 U	**47**	20 U	**70**	20 U	20 U	**4,500**	--	20 U
S-14	25	02/23/98	40 U	40 U	40 U	40 U	40 U	40 U	--	40 U	40 U	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	**342**	--	40 U
MW-1d/B-7	40	03/09/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**9.16**	--	0.5 U	**6.28**	0.5 U	0.5 U	**11.7**	1 U	1 U
MW-1d/B-7	60	03/11/98	1 U	**1.43**	1 U	**1.43**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**20.2**	--	1 U	**17.8**	1 U	1 U	**24.8**	10 U	--
MW-1d/B-7	80	03/12/98	0.5 U	**3.69**	0.5 U	**2.24**	**2.4**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**23.5**	--	0.5 U	**6.61**	0.5 U	0.5 U	**35**	1 U	1 U
MW-1d/B-7	100	03/13/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**0.981**	--	0.5 U	0.5 U	0.5 U	0.5 U	**1.36**	1 U	1 U
MW-1d/B-7	120	03/16/98	0.5 U	**4.63**	0.5 U	**1.68**	**2.37**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**9.85**	--	0.5 U	0.5 U	0.5 U	0.5 U	**1.74**	1 U	1 U
MW-1d/B-7	160	03/19/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-1d/B-7	200	03/20/98	0.5 U	**2.05**	0.5 U	**0.611**	**1.51**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**6.86**	--	0.5 U	**7.27**	0.5 U	0.5 U	**27.5**	1 U	1 U
B-8	22	04/03/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	**0.668**	**0.768**	0.5 U	**28.2**	1 U	1 U
B-8	42	04/03/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**14.1**	--	0.5 U	**11.9**	0.5 U	0.5 U	**31**	1 U	1 U
B-8	60	04/06/98	0.5 U	**0.741**	0.5 U	**0.727**	**1.02**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**20.4**	--	0.5 U	**17.6**	0.5 U	0.5 U	**28.7**	1 U	1 U
B-8	80	04/07/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**1.52**	--	0.5 U	**1.11**	0.5 U	0.5 U	**3.27**	1 U	1 U
B-8	100	04/08/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**0.627**	--	0.5 U	0.5 U	0.5 U	0.5 U	**1.03**	1 U	1 U
B-8	140	04/09/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B-8	180	04/14/98	0.5 U	**2.97**	0.5 U	**0.714**	**2.04**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**8.57**	--	0.5 U	**0.814**	0.5 U	0.5 U	**31.8**	1 U	1 U
B-8	215	04/16/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B-8	224	04/21/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B-9	25	03/31/98	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	--	250 U	250 U	250 U	250 U	**10,100**	500 U	500 U
B-9	42	04/01/98	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	--	25 U	25 U	25 U	25 U	**1,100**	50 U	50 U
B-9	60	04/02/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**6.34**	--	0.5 U	**5.19**	0.5 U	0.5 U	**15.6**	1 U	1 U
B-9	82	04/03/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	**0.69**	0.5 U	0.5 U	1 U	1 U
B-9	100	04/06/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
B-9	140	04/08/98	0.5 U	**3.23**	0.5 U	**0.687**	**1.79**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**8.77**	--	0.5 U	**4.46**	0.5 U	0.5 U	**36.7**	1 U	1 U
B-9	180	04/09/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**7.3**	--	0.5 U	**9.36**	0.5 U	0.5 U	**33.5**	1 U	1 U
B-9	215	04/13/98	0.5 U	**0.972**	0.5 U	0.5 U	**0.887**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**3.34**	--	0.5 U	**3.32**	0.5 U	0.5 U	**12.8**	1 U	1 U
B-9	229	04/21/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	**0.68**	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-5d/B-10	25	04/27/98	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	--	250 U	250 U	250 U	250 U	**15,500**	500 U	500 U
MW-5d/B-10	40	04/28/98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	**11.3**	--	1 U	**11.3**	1 U	1 U	**62.4**	2 U	2 U
MW-5d/B-10	60	04/29/98	0.5 U	**0.845**	0.5 U	**0.672**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**17.8**	--	0.5 U	**15**	0.5 U	0.5 U	**25.2**	1 U	1 U
MW-5d/B-10	80	04/30/98	0.5 U	**1.51**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-5d/B-10	100	04/30/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	**1.11**	1 U	1 U
MW-5d/B-10	120	05/04/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-5d/B-10	140	05/05/98	0.5 U	**3.91**	0.5 U	**0.897**	**2.12**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**2.12**	--	0.5 U	0.5 U	0.5 U	0.5 U	**7.55**	1 U	1 U
MW-5d/B-10	160	05/05/98	0.5 U	**7.63**	0.5 U	**2.05**	**4.41**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**18.9**	--	0.5 U	0.5 U	0.5 U	0.5 U	**5.68**	1 U	1 U
MW-5d/B-10	180	05/06/98	0.5 U	**3.88**	0.5 U	**0.847**	**2.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**10**	--	0.5 U	**6.4**	0.5 U	0.5 U	**42.9**	1 U	1 U
MW-5d/B-10	200	05/07/98	1 U	**3.53**	1 U	1 U	**1.02**	1 U	1 U	1 U	1 U	1 U	1 U	**6.91**	--	1 U	**9.64**	1 U	1 U	**33.7**	2 U	--
MW-5d/B-10	220	05/08/98	0.5 U	**4.28**	0.5 U	**1.11**	**1.84**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**5.76**	--	0.5 U	**1.72**	0.5 U	0.5 U	**11.6**	1 U	1 U
MW-5d/B-10	229	05/14/98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 3-10: Pre-RI Work Plan - Third Site Investigation
Soil Sample Results
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
S-8	2	02/23/98	50 U	50 U	**90**	50 U
S-8	5	02/23/98	50 U	50 U	**100**	50 U
S-8	7	02/23/98	50 U	50 U	50 U	50 U
S-8	12	02/23/98	50 U	50 U	50 U	50 U
S-9	2	02/23/98	50 U	50 U	**580**	50 U
S-9	5	02/23/98	50 U	50 U	**150**	50 U
S-9	7	02/23/98	50 U	50 U	50 U	50 U
S-9	12	02/23/98	50 U	50 U	50 U	50 U
S-10	2	02/23/98	50 U	50 U	50 U	50 U
S-10	5	02/23/98	50 U	50 U	50 U	50 U
S-10	7	02/23/98	50 U	50 U	50 U	50 U
S-10	12	02/23/98	50 U	50 U	50 U	50 U
S-11	2	02/23/98	50 U	50 U	50 U	50 U
S-11	5	02/23/98	50 U	50 U	50 U	50 U
S-11	7	02/23/98	50 U	50 U	50 U	50 U
S-11	12	02/23/98	50 U	50 U	50 U	50 U
S-12	2	02/23/98	50 U	50 U	50 U	50 U
S-12	5	02/23/98	50 U	50 U	**80**	50 U
S-12	7	02/23/98	50 U	50 U	**50**	50 U
S-12	12	02/23/98	50 U	50 U	**510**	50 U
S-13	2	02/23/98	50 U	50 U	50 U	50 U
S-13	5	02/23/98	50 U	50 U	50 U	50 U
S-13	7	02/23/98	50 U	50 U	50 U	50 U
S-13	12	02/23/98	50 U	50 U	**100**	50 U
S-14	2	02/23/98	50 U	50 U	50 U	50 U
S-14	5	02/23/98	50 U	50 U	50 U	50 U
S-14	7	02/23/98	50 U	50 U	**190**	50 U
S-14	12	02/23/98	50 U	50 U	50 U	50 U
S-15	2	02/23/98	50 U	50 U	**50**	50 U
S-15	5	02/23/98	50 U	50 U	50 U	50 U
S-15	7	02/23/98	50 U	50 U	**60**	50 U
S-15	12	02/23/98	50 U	50 U	50 U	50 U

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 4-1: Soil Interim Action
VOC Concentrations in Concrete Pit and Pipe Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Material Sampled	Sample Date	1,1-Dichloroethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetrachloroethene (µg/Kg)	Trichloroethene (µg/Kg)	Toluene (µg/Kg)
Slab Pit-1 3' @ 1010	3	Pit debris	03/05/98	50 U	500 U	**178**	**1,190**	50 U
Slab Pit-1 3' @ 1023	3	Pit debris	03/05/98	50 U	500 U	**300**	**2,600**	50 U
South Pit-1	-	Pit debris	03/05/98	50 U	500 U	**291**	**2,570**	50 U
CS-15	-	Green-gray material in pipe	03/10/98	500 U	5,000 U	**3,310**	**38,600**	50 U
CS-17	-	Below pipe	03/10/98	100 U	1,000 U	**817**	**4,100**	100 U

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

- = depth not applicable

Table 4-2: Soil Interim Action
Metal Concentrations in Concrete Pit and Pipe Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Material Sampled	Sample Date	Barium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Silver (mg/Kg)	Arsenic (mg/Kg)	Selenium (mg/Kg)	Mercury (mg/Kg)
Slab Pit-1 3' @ 1010	3	Pit debris	03/05/98	**210**	**1.26**	**40.6**	**190**	1.00 U	**169**	0.500 U	**0.164**
Slab Pit-1 3' @ 1023	3	Pit debris	03/05/98	**218**	**7.06**	**49.8**	**194**	1.00 U	**27.9**	0.500 U	**0.180**
South Pit-1	-	Pit debris	03/05/98	**195**	**1.07**	**22.8**	**42.2**	1.00 U	**11.0**	0.500 U	0.0500 U
CS-15	-	Green-gray material in pipe	03/09/98	**566**	**36.2**	**2,660**	**567**	1.00 U	**16.1**	**1.20**	**0.528**
CS-17	-	Below pipe	03/09/98	**379**	**5.66**	**606**	**162**	1.00 U	**4.33**	0.500 U	**0.119**

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

- = depth not applicable

Table 4-3: Soil Interim Action
VOC Concentrations in Soil Samples Collected Under SMC Slab
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
E Slab*	1	02/27/98	50 U	500 U	**80.7**	**1,390**	50 U
SW Slab*	1	02/27/98	200 U	2000 U	**655**	**8,120**	200 U
W Slab*	1	02/27/98	100 U	1000 U	**249**	**3,520**	100 U
Cinder Block Patio 1'	1	03/05/98	50 U	500 U	**69.6**	**465**	50 U
Cinder Block Patio 5'	5	03/05/98	50 U	500 U	50 U	50 U	50 U
Midtrench 0.5-1'	1	03/05/98	50 U	500 U	**210**	**2,270**	50 U
South Cement Pd 0.5-1'	1	03/05/98	50 U	500 U	**285**	**2,970**	50 U
CS-01	0.5	03/09/98	50 U	500 U	**258**	**2,260**	50 U
CS-02	0.5	03/09/98	50 U	500 U	**212**	**1,420**	50 U
CS-03	0.5	03/09/98	50 U	500 U	**160**	**1,890**	50 U
CS-04	0.5	03/09/98	50 U	500 U	**125**	**1,670**	50 U
CS-05	0.5	03/09/98	50 U	500 U	50 U	**293**	50 U
CS-06	0.5	03/09/98	50 U	500 U	50 U	50 U	50 U
CS-07	0.5	03/09/98	50 U	500 U	50 U	50 U	50 U
CS-08	0.5	03/09/98	50 U	500 U	50 U	**132**	50 U
CS-12	3	03/10/98	50 U	500 U	50 U	**98.5**	50 U
CS-14	3	03/10/98	50 U	500 U	50 U	50 U	50 U
CS-18	0.5	03/10/98	50 U	500 U	50 U	50 U	50 U
CS-19	0.5	03/10/98	50 U	500 U	50 U	50 U	50 U

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

* = Samples: E Slab, SW Slab, and W Slab were collected adjacent to slab.

Table 4-4: Soil Interim Action
Metal Concentrations in Soil Samples Collected Under SMC Slab
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	Barium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Silver (mg/Kg)	Arsenic (mg/Kg)	Selenium (mg/Kg)	Mercury (mg/Kg)
Cinder Blk Patio 1'	1	03/05/98	**116**	**1.79**	**31.5**	**45.8**	1.00 U	**11.0**	0.05 U	**0.0838**
Cinder Blk Patio 5'	5	03/05/98	**129**	**0.784**	**22.0**	**15.8**	1.00 U	**10.5**	0.05 U	0.05 U
Midtrench 0.5-1' (A)	1	03/05/98	**190**	**1.96**	**19.6**	**20.0**	1.00 U	**5.01**	0.05 U	**0.0868**
Midtrench 0.5-1' (B)	1	03/05/98	**175**	**1.96**	**26.0**	**22.9**	1.00 U	**5.87**	0.05 U	**0.147**
South Cement Pd 0.5-1'	1	03/05/98	**194**	**1.01**	**16.6**	**16.3**	0.05 U	**7.33**	0.05 U	**0.119**
CS-14	-	03/10/98	**124**	**0.987**	**27.4**	10.0 U	1.00 U	**10.6**	0.05 U	0.05 U
Average Concentration*			155	1.4	24	21		8.4		0.08

Bold results indicate results above detection limits.

* = Average concentrations include non detects at 1/2 the method detection limit

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 4-5: Soil Interim Action
VOC Concentrations in Soil Samples Collected Under the NE Section of SMC Slab
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	o-Xylene (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
SMC-1	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-2	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	**121**	100 U
SMC-3	0.5-1.0	04/20/98	100 U	500 U	100 U	**182**	**1,790**	100 U
SMC-4	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	**311**	100 U
SMC-4-5.8	5.8	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-4-9.3	9.3	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-5	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	**598**	100 U
SMC-6	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-7	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	**934**	100 U
SMC-8	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-9	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	**136**	100 U
SMC-10	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	**380**	100 U
SMC-11	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	**594**	100 U
SMC-12-5	5	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-12-10.3	10.3	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-13-3	3	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-13-5'2	5.17	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-13-11.5	11.5	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-13-15	15	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-14-2.7'	2.7	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-14-7.5'	7.5	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-14-14.8'	14.8	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-15-4'6"	4.5	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-15-8.5'	8.5	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-15-13'3	13.25	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-16-5'2"	5.17	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-16-13'3"	13.25	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-17-7'8"	7.67	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC-17-14'3"	14.25	04/21/98	100 U	500 U	100 U	100 U	100 U	100 U

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 4-6: Soil Interim Action
SMC Remedial Excavation Verification Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Acetone (µg/Kg)	Carbon Disulfide (µg/Kg)	Chloro-methane (µg/Kg)	Dichloro-difluoro-methane (µg/Kg)	Methylene chloride (µg/Kg)	o-Xylene (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
Final Verification Samples											
E-010-06.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
E-030-06.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
E-050-06.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
E-070-17	03/16/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
E-090-01.5 (2)	03/18/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**197**	50 U
E-110-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
ENE-010-17	03/04/98	50 U	2000 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
ENE-030-17	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
N-010-06	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-030-06	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-050-17 (2)	03/13/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
N-070-17 (2)	03/13/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
N-090-17 (2)	03/13/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
N-110-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
N-130-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
N-150-17	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**80.6**	50 U
N-170-17	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-190-17	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**72.6**	50 U
N-210-17	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**65.3**	50 U
N-230-17	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
S-(-030)-06.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**138**	50 U
S-(-050)-06.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**70.4**	50 U
S-010-17	03/04/98	50 U	2000 U	50 U	**209**	**572 B**	**820 B**	50 U	50 U	50 U	50 U
S-030-17	03/04/98	50 U	2000 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
S-050-17	03/04/98	50 U	2000 U	50 U	50 U	**2,280 B**	500 U	50 U	50 U	**504**	50 U
W-010-17	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	**186**	100 U
W-030-17	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	**260**	100 U

Table 4-6: Soil Interim Action
SMC Remedial Excavation Verification Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Acetone (µg/Kg)	Carbon Disulfide (µg/Kg)	Chloro-methane (µg/Kg)	Dichloro-difluoro-methane (µg/Kg)	Methylene chloride (µg/Kg)	o-Xylene (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
W-050-17	03/04/98	50 U	2000 U	50 U	50 U	**131 B**	**745 B**	50 U	50 U	50 U	50 U
W-070-17	03/04/98	50 U	2000 U	50 U	50 U	**85.7 B**	**594 B**	50 U	50 U	**74.4**	50 U
W-090-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-110-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-130-17 (2)	03/13/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-150-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	**276**	100 U
W-170-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
Initial Verification Samples											
E-030-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
E-050-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	**143**	**1,860**	50 U
E-050-01.5 (2)	03/18/98	50 U	--	--	100 U	100 U	500 U	--	**85.8**	**975**	50 U
E-050-01.5 (3)	03/20/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**97.6**	50 U
E-070-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	**303**	**5,250**	50 U
E-070-01.5 (2)	03/18/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**403**	50 U
E-090-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**763**	50 U
ENE-010-01.5	03/04/98	50 U	2000 U	**80.2**	50 U	50 U	500 U	50 U	50 U	**237**	50 U
ENE-010-06.5	03/04/98	50 U	2000 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
ENE-010-13	03/04/98	50 U	2000 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
ENE-030-01.5	03/04/98	50 U	2000 U	**68.7**	50 U	50 U	500 U	50 U	50 U	**182**	50 U
ENE-030-06.5	03/04/98	50 U	2000 U	50 U	50 U	**219 B**	**1,070 B**	50 U	50 U	50 U	50 U
ENE-030-13	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
N-050-01.5	03/11/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-050-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	**555**	100 U
N-070-01.5	03/11/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**355**	50 U
N-070-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	**904**	100 U
N-090-01.5	03/11/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**581**	50 U
N-090-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	**985**	100 U
N-110-01.5	03/11/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**93.4**	50 U

Table 4-6: Soil Interim Action
SMC Remedial Excavation Verification Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Acetone (µg/Kg)	Carbon Disulfide (µg/Kg)	Chloro-methane (µg/Kg)	Dichloro-difluoro-methane (µg/Kg)	Methylene chloride (µg/Kg)	o-Xylene (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
N-130-01.5	03/11/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**236**	50 U
N-150-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-150-06.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**94.0**	50 U
N-150-13	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**61.0**	50 U
N-170-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**435**	50 U
N-170-06.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-170-13	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-190-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-190-06.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**111**	50 U
N-190-13	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-210-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	**219**	**1240**	50 U
N-210-01.5 (2)	03/18/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**98.4**	50 U
N-210-06.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-210-13	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-230-01.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**86.7**	50 U
N-230-06.5	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
N-230-13	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
S-(-030)-01.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**692**	50 U
S-(-030)-01.5 (2)	03/18/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**96.9**	50 U
S-(-050)-01.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**272**	50 U
S-(-050)-01.5 (2)	03/12/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**85.0**	50 U
S-010-01.5	03/04/98	50 U	**2,080**	50 U	50 U	**157 B**	**899 B**	50 U	50 U	50 U	50 U
S-010-06.5	03/04/98	50 U	2000 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
S-010-13	03/04/98	50 U	2000 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
S-030-01.5	03/04/98	50 U	2000 U	50 U	50 U	**55.8 B**	500 U	50 U	50 U	**279**	50 U
S-030-06.5	03/04/98	50 U	2000 U	50 U	**107**	**892 B**	**1,000 B**	50 U	50 U	**94.8**	50 U
S-030-13	03/04/98	50 U	2000 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
W-010-01.5	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	**343**	**7,720**	100 U
W-010-01.5 (2)	03/19/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**97.6**	50 U

Table 4-6: Soil Interim Action
SMC Remedial Excavation Verification Samples
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Acetone (µg/Kg)	Carbon Disulfide (µg/Kg)	Chloro-methane (µg/Kg)	Dichloro-difluoro-methane (µg/Kg)	Methylene chloride (µg/Kg)	o-Xylene (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
W-010-06.5	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-010-13	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-030-01.5	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	**378**	100 U
W-030-06.5	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-030-13	03/04/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-050-01.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**74.8**	50 U
W-050-06.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**130**	50 U
W-050-13	03/04/98	50 U	2000 U	50 U	50 U	**235 B**	**980 B**	50 U	50 U	50 U	50 U
W-070-01.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**358**	50 U
W-070-06.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**107**	50 U
W-070-13	03/04/98	50 U	2000 U	**58.4**	50 U	**137 B**	**797 B**	50 U	50 U	**64.4**	50 U
W-090-01.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
W-090-06.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
W-090-13	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-110-01.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**66.0**	50 U
W-110-06.5	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	50 U	50 U
W-110-13	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	100 U	100 U
W-130-02	03/06/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**60.7**	50 U
W-130-17	03/11/98	100 U	2500 U	--	1000 U	1000 U	500 U	100 U	100 U	**947**	100 U
W-150-01.5	03/11/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**101**	50 U
W-170-01.5	03/11/98	50 U	--	--	100 U	100 U	500 U	--	50 U	**72.9**	50 U

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

Qualifiers: U = constituent not detected above reported sample detection limit; J = result is estimated; B = analyte is a suspected laboratory contaminant.

-- = constituent was not analyzed for.

Table 4-7: Soil Interim Action
Verification Samples for Remedial Excavations Under NE Section SMC Slab
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	o-Xylene (µg/Kg)	Tetrachloro-ethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
SMC V1	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V2	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V3	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V4	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V5	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V6	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V7	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V8	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V9	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V10	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V11	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U
SMC V12	04/23/98	100 U	500 U	100 U	100 U	100 U	100 U

Bold results indicate results above detection limits.
ft bgs - feet below ground surface
U = constituent not detected above reported sample detection limit. J = result is estimated.
-- = constituent was not analyzed for.

Table 4-8: Soil Interim Action
Concentrations of VOCs in Soil Remaining in Place
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetra-chloroethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
306-7	7	01/08/98	50 U	--	50 U	**210**	--
306-7	12	01/08/98	50 U	--	50 U	**220**	--
306-7	17	01/08/98	50 U	--	50 U	**180**	--
306-8	7	01/08/98	50 U	--	50 U	**170**	--
306-9	7	01/08/98	50 U	--	50 U	**250**	--
306-9	12	01/08/98	50 U	--	50 U	50 U	--
306-9	17	01/08/98	50 U	--	50 U	50 U	--
306-10	7	01/08/98	50 U	--	50 U	**200**	--
306-10	12	01/08/98	50 U	--	50 U	**240**	--
306-10	17	01/08/98	50 U	--	50 U	**190**	--
S-7	5	01/21/98	50 U	--	50 U	**220**	50 U
S-7	7	01/21/98	50 U	--	50 U	**70**	50 U
S-7	12	01/21/98	50 U	--	50 U	50 U	50 U
S-7	17	01/21/98	50 U	--	**60**	**4,600**	50 U
B-1	12	01/20/98	50 U	--	50 U	**90**	50 U
B-1	17	01/20/98	50 U	--	50 U	**120**	50 U
B-2	12	01/20/98	50 U	--	50 U	**110**	50 U
B-2	17	01/20/98	50 U	--	50 U	**120**	50 U
T-2	2	01/19/98	50 U	--	50 U	**60**	50 U
T-2	6	01/19/98	50 U	--	50 U	50 U	50 U
T-3	2	01/19/98	50 U	--	50 U	50 U	50 U
T-3	6	01/19/98	50 U	--	50 U	50 U	50 U
T-4	2	01/19/98	50 U	--	50 U	50 U	50 U
T-4	6	01/19/98	50 U	--	50 U	50 U	50 U
T-5	2	01/19/98	50 U	--	50 U	50 U	50 U
T-5	6	01/19/98	50 U	--	50 U	50 U	50 U
T-6	2	01/19/98	50 U	--	50 U	50 U	50 U
T-6	6	01/19/98	50 U	--	50 U	**190**	50 U
T-10	6	01/19/98	50 U	--	50 U	**250**	50 U
T-11	2	01/19/98	50 U	--	50 U	50 U	50 U
T-11	6	01/19/98	50 U	--	50 U	50 U	50 U
T-12	2	01/19/98	50 U	--	50 U	50 U	50 U
T-12	6	01/19/98	50 U	--	50 U	**50**	50 U
T-13	2	01/19/98	50 U	--	50 U	50 U	50 U
T-13	6	01/19/98	50 U	--	50 U	50 U	50 U
T-15	7	01/21/98	25 U	1000 U	25 U	**78.9**	--
T-15	12	01/21/98	25 U	1000 U	25 U	**78.9**	--
T-15	17	01/21/98	25 U	1000 U	25 U	**91.4**	--
T-16	17	01/21/98	25 U	1000 U	25 U	**213**	--
T-18	7	01/21/98	25 U	1000 U	25 U	**82.8**	--
T-18	12	01/21/98	25 U	1000 U	25 U	**108**	--
T-18	17	01/21/98	25 U	1000 U	25 U	**219**	--
T-19	12	01/21/98	25 U	1000 U	25 U	**102**	--
T-19	17	01/21/98	25 U	1000 U	25 U	**152**	--

Table 4-8: Soil Interim Action
Concentrations of VOCs in Soil Remaining in Place
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetra-chloroethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
S-8	12	02/23/98	50 U	--	50 U	50 U	50 U
S-9	7	02/23/98	50 U	--	50 U	50 U	50 U
S-9	12	02/23/98	50 U	--	50 U	50 U	50 U
S-10	2	02/23/98	50 U	--	50 U	50 U	50 U
S-10	5	02/23/98	50 U	--	50 U	50 U	50 U
S-10	7	02/23/98	50 U	--	50 U	50 U	50 U
S-10	12	02/23/98	50 U	--	50 U	50 U	50 U
S-11	2	02/23/98	50 U	--	50 U	50 U	50 U
S-11	5	02/23/98	50 U	--	50 U	50 U	50 U
S-11	7	02/23/98	50 U	--	50 U	50 U	50 U
S-11	12	02/23/98	50 U	--	50 U	50 U	50 U
S-12	2	02/23/98	50 U	--	50 U	50 U	50 U
S-12	5	02/23/98	50 U	--	50 U	**80**	50 U
S-12	7	02/23/98	50 U	--	50 U	**50**	50 U
S-12	12	02/23/98	50 U	--	50 U	**510**	50 U
S-13	2	02/23/98	50 U	--	50 U	50 U	50 U
S-13	5	02/23/98	50 U	--	50 U	50 U	50 U
S-13	7	02/23/98	50 U	--	50 U	50 U	50 U
S-13	12	02/23/98	50 U	--	50 U	**100**	50 U
S-14	2	02/23/98	50 U	--	50 U	50 U	50 U
S-14	5	02/23/98	50 U	--	50 U	50 U	50 U
S-14	7	02/23/98	50 U	--	50 U	**190**	50 U
S-14	12	02/23/98	50 U	--	50 U	50 U	50 U
S-15	2	02/23/98	50 U	--	50 U	**50**	50 U
S-15	5	02/23/98	50 U	--	50 U	50 U	50 U
S-15	7	02/23/98	50 U	--	50 U	**60**	50 U
S-15	12	02/23/98	50 U	--	50 U	50 U	50 U
SMC-1	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	100 U
SMC-2	0.5-1.0	04/20/98	100 U	500 U	100 U	**121**	100 U
SMC-4-5.8	5.8	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-4-9.3	9.3	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-6	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	100 U
SMC-8	0.5-1.0	04/20/98	100 U	500 U	100 U	100 U	100 U
SMC-12-5	5	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-12-10.3	10.3	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-13-3	3	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-13-5'2	5.17	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-13-11.5	11.5	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-13-15	15	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-14-2.7'	2.7	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-14-7.5'	7.5	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-14-14.8'	14.8	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-15-4'6"	4.5	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-15-8.5'	8.5	04/21/98	100 U	500 U	100 U	100 U	100 U

Table 4-8: Soil Interim Action
Concentrations of VOCs in Soil Remaining in Place
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetra-chloroethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
SMC-15-13'3	13.25	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-16-5'2"	5.17	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-16-13'3"	13.25	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-17-7'8"	7.67	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-17-14'3"	14.25	04/21/98	100 U	500 U	100 U	100 U	100 U
SMC-V1	NR	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V2	NR	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V3	NR	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V4	NR	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V5	NR	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V6	NR	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V7	1.5	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V8	1.5	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V9	1.5	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V10	1.75	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V11	1.75	04/23/98	100 U	500 U	100 U	100 U	100 U
SMC-V12	NR	04/23/98	100 U	500 U	100 U	100 U	100 U
E-010-06.5	6.5	03/12/98	50 U	500 U	50 U	50 U	50 U
E-030-06.5	6.5	03/12/98	50 U	500 U	50 U	50 U	50 U
E-050-06.5	6.5	03/12/98	50 U	500 U	50 U	50 U	50 U
E-070-17	17	03/16/98	50 U	500 U	50 U	50 U	50 U
E-090-01.5 (2)	1.5	03/18/98	50 U	500 U	50 U	**197**	50 U
E-110-01.5	1.5	03/12/98	50 U	500 U	50 U	50 U	50 U
ENE-010-17	17	03/04/98	50 U	500 U	50 U	50 U	50 U
ENE-030-17	17	03/04/98	100 U	500 U	100 U	100 U	100 U
N-010-06	6	03/06/98	50 U	500 U	50 U	50 U	50 U
N-030-06	6	03/06/98	50 U	500 U	50 U	50 U	50 U
N-050-17 (2)	17	03/13/98	100 U	500 U	100 U	100 U	100 U
N-070-17 (2)	17	03/13/98	100 U	500 U	100 U	100 U	100 U
N-090-17 (2)	17	03/13/98	100 U	500 U	100 U	100 U	100 U
N-110-17	17	03/11/98	100 U	500 U	100 U	100 U	100 U
N-130-17	17	03/11/98	100 U	500 U	100 U	100 U	100 U
N-150-17	17	03/12/98	50 U	500 U	50 U	**80.6**	50 U
N-170-17	17	03/12/98	50 U	500 U	50 U	50 U	50 U
N-190-17	17	03/12/98	50 U	500 U	50 U	**72.6**	50 U
N-210-17	17	03/12/98	50 U	500 U	50 U	**65.3**	50 U
N-230-17	17	03/12/98	50 U	500 U	50 U	50 U	50 U
S-010-17	17	03/04/98	50 U	**820 B**	50 U	50 U	50 U
S-030-17	17	03/04/98	50 U	500 U	50 U	50 U	50 U
S-050-17	17	03/04/98	50 U	500 U	50 U	**504**	50 U
W-010-17	17	03/04/98	100 U	500 U	100 U	**186**	100 U
W-030-17	17	03/04/98	100 U	500 U	100 U	**260**	100 U

Table 4-8: Soil Interim Action
Concentrations of VOCs in Soil Remaining in Place
Former Building 2220 Site, Port of Vancouver

Sample Location	Sample Depth (ft bgs)	Sample Date	1,1-Dichloro-ethene (µg/Kg)	Methylene chloride (µg/Kg)	Tetra-chloroethene (µg/Kg)	Trichloro-ethene (µg/Kg)	Toluene (µg/Kg)
W-050-17	17	03/04/98	50 U	**745 B**	50 U	50 U	50 U
W-070-17	17	03/04/98	50 U	**594 B**	50 U	**74.4**	50 U
W-090-17	17	03/11/98	100 U	500 U	100 U	100 U	100 U
W-110-17	17	03/11/98	100 U	500 U	100 U	100 U	100 U
W-130-17 (2)	17	03/13/98	100 U	500 U	100 U	100 U	100 U
W-150-17	17	03/11/98	100 U	500 U	100 U	**276**	100 U
W-170-17	17	03/11/98	100 U	500 U	100 U	100 U	100 U

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated. B = suspected laboratory contaminate

NR = sample depth not recorded

-- = constituent was not analyzed for.

Table 4-9: Soil Interim Action
Treatment Cell System Samples
Former Building 2220 Site, Port of Vancouver

Cell	Date	Sample Point	Trichloroethene (µg/m^3)	PID Reading (ppm)
1	3/16/1999	Influent	**5,120**	3.0
1	3/16/1999	Effluent	<2000	0.0
1	3/22/1999	Influent	**2,500**	1.1
1	3/22/1999	Effluent	Tedlar bag burst in transit	0.0
1	3/24/1999	Effluent	<1000 U	0.0
2	4/21/1999	Influent	**110,000**	10.9
2	4/21/1999	Effluent	<2000 U	0.0
2	4/27/1999	Influent	**33,000**	1.9
2	4/27/1999	Effluent	<2000 U	0.0
2	5/17/1999	Influent	**8,250**	0.0
2	5/17/1999	Effluent	<2000 U	0.0
3	6/2/1999	Influent	**42,000**	0.7
3	6/2/2009	Effluent	Tedlar bag burst in transit	0.0
3	6/8/1999	Influent	**5,350**	0.6
3	6/15/1999	Influent	**6,300**	0.0
3	6/15/1999	Effluent	Tedlar bag burst in transit	0.0
3	6/21/1999	Influent	**5,790**	0.0
3	6/21/1999	Effluent	<4000 U	0.0

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 4-10: Soil Interim Action
Treatment Cell Verification Soil Samples
Former Building 2220 Site, Port of Vancouver

Cell	Subcell	Trichloroethene (µg/Kg)	Tetrachloroethene (µg/Kg)
Cell 1			
1	1	**297**	50.0 U
1	2	**65.2**	50.0 U
1	3	50.0 U	50.0 U
1	4	50.0 U	50.0 U
1	5	50.0 U	50.0 U
1	6	**114**	50.0 U
1	7[1]	**650**	50.0 U
1	8	50.0 U	50.0 U
1	9	50.0 U	50.0 U
1	10	50.0 U	50.0 U
1	11	**97.7**	50.0 U
1	12	**73.1**	50.0 U
1	13[1]	**3,000**	**92.4**
1	14	50.0 U	50.0 U
1	15	**100**	50.0 U
1	16	50.0 U	50.0 U
1	17	**255**	50.0 U
1	18	**137**	50.0 U
1	19	**90.9**	50.0 U
1	20	**373**	50.0 U
1	21	**51.3**	50.0 U
1	22	**161**	50.0 U
Cell 2			
2	R7[2]	**235**	50.0 U
2	R13[2]	50.0 U	50.0 U
2	23	**85.1**	50.0 U
2	24	**69.5**	50.0 U
2	25	50.0 U	50.0 U
2	26	50.0 U	50.0 U
2	27	50.0 U	50.0 U
2	28	50.0 U	50.0 U
2	29	50.0 U	50.0 U
2	30	**58.3**	50.0 U
2	31	50.0 U	50.0 U
2	32	50.0 U	50.0 U
2	33	**142**	50.0 U
2	34	50.0 U	50.0 U
2	35	**59.2**	50.0 U
2	36	**136**	50.0 U
2	37	50.0 U	50.0 U
2	38	**174**	50.0 U
2	39	**278**	50.0 U
2	40	**176**	50.0 U
2	41[3]	**448**	**76.2**
2	42	50.0 U	50.0 U

Cell	Subcell	Trichloroethene (µg/Kg)	Tetrachloroethene (µg/Kg)
Cell 3			
3	43	50.0 U	50.0 U
3	44	50.0 U	50.0 U
3	45	50.0 U	50.0 U
3	46	50.0 U	50.0 U
3	47	50.0 U	50.0 U
3	48	50.0 U	50.0 U
3	49	50.0 U	50.0 U
3	50	50.0 U	50.0 U
3	51[4]	**801**	**89.4**
3	52	50.0 U	50.0 U
3	53	50.0 U	50.0 U
3	54	50.0 U	50.0 U
3	R41[5]	50.0 U	50.0 U
3	R51[5]	50.0 U	50.0 U

-- = constituent was not analyzed for.

Bold results indicate results above detection limits.

U = constituent not detected above reported sample detection limit. J = result is estimated.

R = Subcell Resampled

[1] = Based on the analytical results, the soil in this subcell was incorporated into Cell 2 for additional treatment

[2] = This soil sample was originally treated in Cell 1, but was incorporated into Cell 2 for additional treatment

[3]= Based on the analytical results, the soil in this subcell was incorporated into Cell 3 for additional treatment

[4] = This soil sample was originally treated in Cell 2, but was incorporated into Cell 3 for additional treatment

[5] = This soil sample was originally treated in Cell 3, but was retreated for a longer duration

Table 5-1: Remedial Investigation
Monitoring Well Completion Data
Former Building 2220 Site, Port of Vancouver

Well ID	Ground Elevation (ft NGVD)	Borehole Depth (ft bgs)	Date of Well Installation	Casing Diameter (in)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of PVC Elevation (ft NGVD)	Northing (ft)	Easting (ft)
Shallow Wells									
MW-01	26.80	25.0	01/30/98	2	15.0	25.0	26.29	119596.01	1078680.94
MW-02	30.37	30.0	01/29/98	2	20.0	30.0	30.09	119499.20	1079177.88
MW-03	27.19	27.0	01/29/98	2	13.0	23.0	26.64	119440.76	1078945.99
MW-04	27.06	25.0	01/29/98	2	15.0	25.0	26.57	119230.87	1079009.27
MW-05	28.50	30.5	10/10/00	2	20.0	30.0	30.64	119584.93	1078925.57
MW-06	29.58	31.5	07/13/98	2	19.0	29.0	29.29	119255.42	1079212.22
MW-07	31.24	31.5	07/13/98	2	20.0	30.0	30.84	119424.64	1079484.07
MW-08	31.65	31.5	07/13/98	2	20.0	30.0	31.38	119642.60	1079434.51
MW-09	33.60	32.0	07/14/98	2	21.6	31.6	33.32	119667.75	1079889.61
MW-10	33.11	31.5	07/14/98	2	21.0	31.0	32.84	119148.22	1079694.51
MW-11	25.41	27.0	04/12/99	2	16.0	26.0	24.96	119259.00	1078694.00
MW-12	32.32	31.5	10/06/00	2	21.0	31.0	32.07	119835.92	1078262.84
MW-13	35.70	30.0	10/10/00	2	19.0	29.0	35.42	120182.57	1077319.61
MW-15	31.08	33.0	10/10/00	2	23.0	33.0	30.68	117072.04	1079498.19
MW-16	37.54	36.0	10/09/00	2	26.0	36.0	37.21	119171.17	1080005.68
MW-17	29.57	31.0	10/11/00	2	21.0	31.0	29.34	118248.30	1079807.04
MW-18	32.03	39.0	11/03/00	2	28.0	38.0	31.65	117101.54	1080373.33
MW-19s	**33.55**	**34.0**	**10/06/04**	**2**	**23.0**	**33.0**	**33.26**	**116599.17**	**1079945.49**
MW-20	56.36	57.5	10/13/00	2	47.0	57.0	56.04	119620.69	1080541.28
MW-21	40.33	42.0	10/16/00	2	32.0	42.0	39.87	118919.77	1080513.18
*MW-22***	*35.38*	*20.0*	*10/13/00*	*2*	*6.0*	*16.0*	*35.08*	*118234.81*	*1080450.10*
MW-23	46.38	45.0	10/18/00	2	35.0	45.0	45.85	117371.59	1080888.89
MW-24	60.74	62.0	10/17/00	2	52.0	62.0	60.47	119436.64	1081748.82
MW-25	80.27	85.0	10/17/00	2	75.0	85.0	79.91	117917.25	1081715.67
MW-28s	**29.21**	**30.0**	**10/05/04**	**2**	**19.0**	**29.0**	**29.08**	**117927.36**	**1079806.47**
MW-32s	**34.49**	**34.5**	**10/07/04**	**2**	**23.0**	**33.0**	**34.23**	**118880.79**	**1076872.08**
MW-33s	**31.81**	**35.0**	**10/04/04**	**2**	**21.0**	**31.0**	**31.57**	**119262.97**	**1077875.35**

Table 5-1: Remedial Investigation
Monitoring Well Completion Data
Former Building 2220 Site, Port of Vancouver

Well ID	Ground Elevation (ft NGVD)	Borehole Depth (ft bgs)	Date of Well Installation	Casing Diameter (in)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of PVC Elevation (ft NGVD)	Northing (ft)	Easting (ft)
MW-35s	**34.61**	**33.0**	**10/04/04**	**2**	**22.5**	**32.5**	**34.31**	**117240.30**	**1080198.71**
MW-36s	**35.05**	**35.0**	**10/05/04**	**2**	**24.0**	**34.0**	**34.64**	**118220.48**	**1080185.64**
MW-37s	**34.90**	**35.0**	**10/06/04**	**2**	**24.0**	**34.0**	**34.79**	**116677.79**	**1080852.41**
MW-39s	**33.37**	**34.0**	**10/07/04**	**2**	**23.0**	**33.0**	**33.26**	**116629.82**	**1079205.82**
P-01	30.25	30.5	10/05/00	2	20.0	30.0	30.00	1077751.72	117603.35
P-02	33.10	30.5	10/05/00	2	20.0	30.0	32.76	1078330.99	117135.85
P-03	30.35	30.5	10/06/00	2	20.0	30.0	30.14	1078085.76	117982.86
P-04	29.60	31.5	10/06/00	2	21.0	31.0	28.97	1078696.10	117468.92
Intermediate Wells									
MW-04i*	28.72	140.0	04/09/99	2	90.0	100.0	27.38	118891.70	1079059.70
MW-04i*	28.72	140.0	04/23/03	2	90.0	100.0	28.48	118891.70	1079059.70
MW-05i	28.29	101.0	01/22/99	2	90.0	100.0	28.16	119579.16	1078939.31
MW-07i	32.81	180.0	08/09/00	2	80.0	90.0	32.42	119388.17	1079448.70
MW-08i	31.65	140.0	02/26/99	2	120.0	130.0	31.42	119648.00	1079444.00
MW-18i	32.06	180.0	06/30/00	2	120.0	130.0	31.84	117096.77	1080382.43
MW-19i	34.37	191.0	08/31/00	2	120.0	130.0	34.02	116550.05	1079957.77
MW-24i	61.14	165.0	04/25/01	2	113.0	123.0	60.59	119428.20	1081744.89
MW-26i	82.35	113.0	05/18/01	2	103.0	113.0	82.04	118143.49	1082097.75
MW-28i	31.11	130.0	04/06/01	2	75.0	85.0	30.90	117831.28	1079674.86
MW-29i	31.32	130.0	03/16/01	2	115.0	125.0	30.73	117363.99	1078364.02
MW-30i	**30.01**	**187.0**	**03/03/03**	**2**	**75.0**	**85.0**	**31.45**	**118607.30**	**1077713.80**
MW-31i	**31.84**	**167.0**	**02/04/03**	**2**	**75.0**	**85.0**	**29.61**	**119133.40**	**1077245.30**
MW-32i	**34.49**	**141.5**	**07/23/04**	**2**	**60.0**	**70.0**	**34.20**	**118876.17**	**1076875.08**
MW-33i	**31.58**	**177.0**	**08/10/04**	**2**	**75.0**	**85.0**	**31.46**	**119263.65**	**1077870.27**
MW-34i	**32.73**	**181.0**	**10/14/04**	**2**	**94.8**	**104.8**	**35.08**	**118284.89**	**1078511.47**
MW-35i	**34.60**	**182.0**	**10/14/04**	**2**	**112.0**	**122.0**	**34.20**	**117243.48**	**1080160.93**
MW-36i	**35.11**	**163.0**	**09/28/04**	**2**	**95.0**	**105.0**	**34.84**	**118216.29**	**1080185.57**
MW-37i	**34.69**	**182.0**	**09/09/04**	**2**	**115.0**	**125.0**	**34.64**	**116675.25**	**1080849.76**

Table 5-1: Remedial Investigation
Monitoring Well Completion Data
Former Building 2220 Site, Port of Vancouver

Well ID	Ground Elevation (ft NGVD)	Borehole Depth (ft bgs)	Date of Well Installation	Casing Diameter (in)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of PVC Elevation (ft NGVD)	Northing (ft)	Easting (ft)
MW-38i	**44.47**	**210.0**	**11/12/04**	**2**	**145.0**	**155.0**	**44.05**	**117482.38**	**1080862.97**
Deep Wells									
MW-01d	26.78	227.0	04/02/98	2	211.0	221.0	26.42	119586.39	1078679.53
MW-02d	30.65	223.0	12/03/98	2	207.0	217.0	30.19	119490.00	1079172.00
MW-04d	26.97	240.0	01/14/99	2	222.0	232.0	26.66	119076.00	1079049.00
MW-05dr	**28.44**	**239.5**	**11/30/06**	**4**	**216.0**	**226.0**	**28.12**	**119565.00**	**1078948.42**
MW-12d	32.58	224.0	03/25/99	2	206.0	216.0	32.32	119825.86	1078272.05
MW-13d	33.19	268.0	01/20/00	2	252.0	262.0	35.24	120173.07	1077318.21
MW-14d	26.51	226.0	03/27/00	2	211.0	221.0	26.37	119128.10	1078405.40
TGA Wells									
MW-15i	31.28	220.0	05/31/00	2	129.2	139.2	30.89	117074.69	1079490.77
MW-16d	36.56	240.0	05/01/00	2	220.0	230.0	36.40	119161.85	1080004.35
MW-17d	29.84	205.0	02/18/00	2	185.0	195.0	29.56	118238.03	1079808.99

NGVD - National Geodetic Vertical Datum
bgs - Below ground surface
ft - feet, in - inch
* MW-04i was repaired and raised about 13" on 2/20/03 and resurveyed on 4/23/03. The previous Top of Casing elevation was 27.38'.
** MW-22 was abandoned
ns = not yet surveyed
Bolded text indicates wells installed since original RI

Table 5-2: RI Phase I
Depth Specific Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (µg/l)
MW-04i	20	3/29/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	40	3/29/1999		0.5 U	0.5 U	0.5 U	**0.57**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**2.45**	5 U	**1.6**	0.5 U	0.5 U	**2.47**	0.5 U
MW-04i	60	3/30/1999		0.5 U	**0.75**	**0.55**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**5.98**	5 U	**2.73**	0.5 U	0.5 U	**5.76**	0.5 U
MW-04i	80	3/31/1999	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	80	3/31/1999	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	4/28/1999		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	**1.77**	0.5 U
MW-04i	100	4/1/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	120	4/2/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	140	4/5/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	22	1/27/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**3.02**	5 U	**3.56**	0.5 U	0.5 U	**13.4**	0.5 U
MW-08i	40	1/28/1999		0.5 U	**1.01**	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**3.97**	5 U	**5.34**	0.5 U	0.5 U	**19**	0.5 U
MW-08i	60	2/1/1999		0.5 U	**2.91**	**0.54**	**0.61**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**5.85**	5 U	**8.92**	0.5 U	0.5 U	**44.6**	0.5 U
MW-08i	80	2/1/1999		0.5 U	**0.94**	**0.5**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**2.99**	5 U	**1.14**	0.5 U	0.5 U	**8.6**	0.5 U
MW-08i	100	2/2/1999		0.5 U	**1.77**	**0.79**	**0.74**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**2.46**	5 U	**0.75**	0.5 U	0.5 U	**5.09**	0.5 U
MW-08i	120	2/5/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	4/30/1999	DP	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	4/30/1999	D	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	140	2/10/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	25	11/4/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	**32.2**	1 U
MW-02d	40	11/5/1998		0.5 U	0.5 U	0.5 U	**2.14**	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**1.29**	5 U	**1.52**	0.5 U	0.5 U	**50.3**	1 U
MW-02d	60	11/6/1998		0.5 U	**1.03**	**1.74**	**0.81**	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**13.7**	5 U	**11.3**	0.5 U	0.5 U	**20.9**	1 U
MW-02d	80	11/9/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**0.94**	5 U	0.5 U	**1.28**	0.5 U	**1.2**	1 U
MW-02d	100	11/10/1998		0.5 U	**11.4**	**3.72**	**3.32**	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**14.2**	5 U	0.5 U	0.5 U	0.5 U	**31.3**	1 U
MW-02d	120	11/12/1998	DP	0.5 U	**7.5**	**2.71**	**2.26**	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**9.63**	5 U	**1.47**	0.5 U	0.5 U	**24.3**	1 U
MW-02d	120	11/12/1998	D	0.5 U	**7.39**	**2.7**	**2.05**	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**9.31**	5 U	**1.31**	0.5 U	0.5 U	**23.1**	1 U
MW-02d	140	11/13/1998		0.5 U	**10.8**	**3.83**	**3.51**	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**11.9**	5 U	0.5 U	0.5 U	0.5 U	**12.3**	1 U
MW-02d	160	11/16/1998		0.5 U	**6.2**	**2.01**	**2.05**	0.5 U	0.5 U	0.5 U	2 U	0.5 U	**13.4**	5 U	**10.2**	0.5 U	0.5 U	**54.1**	**1.07**
MW-02d	180	11/17/1998		0.5 U	**4.05**	**1.36**	**1.49**	0.5 U	0.5 U	0.5 U	2 U	0.5 U	**9.22**	5 U	**11.6**	0.5 U	0.5 U	**38.2**	0.5 U
MW-02d	200	11/18/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	4/28/1999		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	220	11/20/1998		0.5 U	**5.97**	**2.07**	**1.98**	0.5 U	0.5 U	0.5 U	2 U	0.5 U	**13**	5 U	**10.3**	0.5 U	0.5 U	**52.6**	**0.85**
MW-04d	25	12/4/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**1.92**	5 U	**1.3**	0.5 U	0.5 U	**9.78**	0.5 U
MW-04d	40	12/7/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**3.36**	5 U	**3.54**	0.5 U	0.5 U	**3.26**	0.5 U
MW-04d	60	12/8/1998		0.5 U	**1.82**	**1.73**	**0.82**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**16.8**	5 U	**10.2**	0.5 U	0.5 U	**19.1**	0.5 U
MW-04d	80	12/9/1998		0.5 U	**2.24**	**0.79**	**0.7**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**4.17**	5 U	**1.22**	0.5 U	0.5 U	**10.9**	0.5 U
MW-04d	100	12/10/1998		0.5 U	**3.76**	**2.03**	**1.38**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**6.86**	5 U	0.5 U	0.5 U	0.5 U	**7.04**	0.5 U
MW-04d	120	12/14/1998		0.5 U	**1.57**	**1.22**	**0.83**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**3.99**	5 U	0.5 U	**0.87**	0.5 U	**2.85**	0.5 U
MW-04d	140	12/14/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	160	12/15/1998	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	160	12/15/1998	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	180	12/15/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	200	12/18/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	220	12/23/1998		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	4/28/1999		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-2: RI Phase I
Depth Specific Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (µg/l)
MW-04d	240	1/5/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05d	222	4/30/1999		0.5 U	**1.64**	**0.69**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**2.54**	10 U	**1.22**	**0.5**	0.5 U	**5.22**	0.5 U
MW-12d	20	3/3/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12d	40	3/3/1999		0.5 U	**1.13**	**0.88**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**7.31**	5 U	**5.6**	0.5 U	0.5 U	**10.5**	0.5 U
MW-12d	60	3/4/1999	DP	0.5 U	**0.97**	**1.09**	**0.69**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**10.9**	5 U	**10.7**	0.5 U	0.5 U	**17.6**	0.5 U
MW-12d	60	3/4/1999	D	0.5 U	**1.47**	**1.11**	**0.72**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**11**	5 U	**11**	0.5 U	0.5 U	**17.9**	0.5 U
MW-12d	80	3/5/1999		0.5 U	0.5 U	**0.71**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**7.1**	5 U	**6.03**	0.5 U	0.5 U	**8.32**	0.5 U
MW-12d	100	3/9/1999		0.5 U	**0.53**	**1.45**	**0.68**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**13.8**	5 U	**14.6**	0.5 U	0.5 U	**17.7**	0.5 U
MW-12d	120	3/12/1999		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**3.93**	5 U	**5.04**	0.5 U	0.5 U	**9.07**	0.5 U
MW-12d	140	3/15/1999		0.5 U	**1.04**	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**3.55**	5 U	**5.28**	0.5 U	0.5 U	**10.7**	0.5 U
MW-12d	160	3/16/1999		0.5 U	**1.33**	**0.55**	**0.51**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**5.32**	5 U	**6.27**	0.5 U	0.5 U	**13.9**	0.5 U
MW-12d	180	3/17/1999		0.5 U	**1.28**	**0.52**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**3.86**	5 U	**4.03**	0.5 U	0.5 U	**10.2**	0.5 U
MW-12d	200	3/18/1999		0.5 U	**1.56**	**0.62**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**4.56**	5 U	**5.82**	0.5 U	0.5 U	**13.8**	0.5 U
MW-12d	211	4/27/1999		0.5 U	**1.86**	**0.66**	**0.77**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**4.16**	10 U	**3.33**	0.5 U	0.5 U	**12.8**	0.5 U
MW-12d	220	3/19/1999		0.5 U	**1.21**	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	**1.1**	5 U	**0.73**	0.5 U	0.5 U	**2.03**	0.5 U

Notes:
Bold results indicate results above detection limits.
na = not applicable
U = undetected above reported sample quantitation limit
J = approximate concentration

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
Shallow Monitoring Wells																										
MW-01	20	02/04/98		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-01	20	08/06/98		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5 U
MW-01	20	04/27/99		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	11/13/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	07/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	10/16/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	01/17/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	05/30/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.58	1 U	5 U	0.75	0.5 U	0.5 U	0.5 U	0.78	0.5 U
MW-01	20	08/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	11/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	1380	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	08/20/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	2.5 U	5 U	510	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
MW-01	20	02/11/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	11/28/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	03/24/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-01	20	02/08/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02	25	02/04/98		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	200 U	100 U	100 U	1000 U	100 U	100 U	100 U	100 U	5400	200 U
MW-02	25	08/06/98		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	3130	250 U
MW-02	25	04/27/99		50 U	100 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	100 U	50 U	50 U	500 U	50 U	50 U	1000 U	68	50 U	50 U	50 U	4290	50 U
MW-02	25	12/01/00		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	11	20 U	100 U	45	10 U	10 U	10 U	3610	10 U
MW-02	25	07/25/01		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	52	25 U	25 U	25 U	3860	25 U
MW-02	25	11/01/01		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	137	25 U	25 U	25 U	6370	25 U
MW-02	25	01/16/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	13.5	10 U	50 U	35.6	5 U	5 U	5 U	1610	5 U
MW-02	25	06/05/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	18.7	10 U	50 U	56.5	5 U	5 U	5 U	464	5 U
MW-02	25	08/28/02		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U	53.4	10 U	10 U	10 U	2610	10 U
MW-02	25	11/19/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	14.8	10 U	50 U	54	5 U	5 U	5 U	1730	5 U
MW-02	25	02/28/03	DP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	13.2	10 U	50 U	55.3	5 U	5 U	5 U	1630	5 U
MW-02	25	02/28/03	D	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	13.3	10 U	50 U	54.6	5 U	5 U	5 U	1630	5 U
MW-02	25	05/30/03	DP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	18.4	10 U	50 U	78	5 U	5 U	5 U	1270	5 U
MW-02	25	08/29/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	12.7	10 U	50 U	68.3	5 U	5 U	5 U	1690	5 U
MW-02	25	11/14/03		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10.2	20 U	100 U	57.2	10 U	10 U	10 U	1850	10 U
MW-02	25	02/02/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.8	5 U	25 U	56.6	2.5 U	2.5 U	2.5 U	590	2.5 U
MW-02	25	05/07/04		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	11.6	10 U	50 U	56.3	5 U	5 U	5 U	1190	5 U
MW-02	25	08/20/04		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	7.9	10 U	50 U	43.7	5 U	5 U	5 U	1240	5 U
MW-02	25	11/22/04		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	6.6	10 U	50 U	49.5	5 U	5 U	5 U	1250	5 U
MW-02	25	02/23/05		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5.3	10 U	50 U	36.5	5 U	5 U	5 U	1040	5 U
MW-02	25	11/23/05		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5.9	10 U	50 U	41.3	5 U	5 U	5 U	609	5 U
MW-02	25	03/23/06		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	5.75	5 U	25 U	34.8	2.5 U	2.5 U	2.5 U	661	2.5 U
MW-02	25	09/07/06		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	3.05	5 U	25 U	22.7	2.5 U	2.5 U	2.5 U	527	2.5 U
MW-02	25	02/09/07	DP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U	42.6	5 U	5 U	5 U	936	5 U
MW-02	25	02/09/07	D	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5 U	10 U	50 U	45.7	5 U	5 U	5 U	1030	5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-03	18	02/04/98		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	200 U	100 U	100 U	1000 U	100 U	100 U	100 U	100 U	8900	200 U
MW-03	18	08/06/98		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.08	2.35	5 U	60.9	1 U	5 U	97.9	1 U	1 U	1 U	11800	5 U
MW-03	18	04/27/99		25 U	50 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	50 U	25 U	25 U	250 U	25 U	25 U	500 U	62	25 U	25 U	25 U	2670	25 U
MW-03	18	01/16/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5.9	10 U	50 U	21.5	5 U	5 U	5 U	1610	5 U
MW-03	18	06/05/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	8.6	10 U	50 U	19.4	5 U	5 U	5 U	431	5 U
MW-03	18	08/28/02		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	5.6	10 U	50 U	10.5	5 U	5 U	5 U	909	5 U
MW-03	18	02/28/03		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	7.2	10 U	50 U	21	5 U	5 U	5 U	1530	5 U
MW-03	18	05/30/03	DP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	8	10 U	50 U	21.1	5 U	5 U	5 U	1180	5 U
MW-03	18	05/30/03	D	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	7.1	10 U	50 U	18.8	5 U	5 U	5 U	1120	5 U
MW-03	18	02/02/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.45	5 U	25 U	27.6	2.5 U	2.5 U	2.5 U	620	2.5 U
MW-04	20	02/04/98		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	0.802	0.5 U	5 U	0.887	0.5 U	0.5 U	0.5 U	4.58	1 U
MW-04	20	08/06/98		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	5 U	1.13	1 U	1 U	1 U	8.01	5 U
MW-04	20	04/27/99		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.79	0.5 U	10 U	1.28	0.5 U	0.5 U	0.5 U	4.14	0.5 U
MW-04	20	11/15/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.71	0.5 U
MW-04	20	07/20/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	20	10/19/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	20	01/16/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.56	0.5 U	0.5 U	0.5 U	0.88	0.5 U
MW-04	20	05/31/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.53	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51	0.5 U
MW-04	20	08/21/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	20	11/21/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.74	0.5 U	0.5 U	0.5 U	0.66	0.5 U
MW-04	20	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.19	1 U	5 U	1.24	0.5 U	0.5 U	0.5 U	1.63	0.5 U
MW-04	20	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.87	0.5 U	0.5 U	0.5 U	0.68	0.5 U
MW-04	20	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.75	0.5 U	0.5 U	0.5 U	0.81	0.5 U
MW-04	20	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.55	0.5 U	0.5 U	0.5 U	0.55	0.5 U
MW-04	20	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.46	1 U	5 U	2.48	0.5 U	0.5 U	0.5 U	2.93	0.5 U
MW-04	20	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.8	1 U	5 U	1.65	0.5 U	0.5 U	0.5 U	1.49	0.5 U
MW-04	20	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.61	0.5 U	0.5 U	0.5 U	0.79	0.5 U
MW-04	20	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.71	0.5 U	0.5 U	0.5 U	0.54	0.5 U
MW-04	20	11/29/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04	20	03/22/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.89	1 U	5 U	1.63	0.5 U	0.5 U	0.5 U	1.54	0.5 U
MW-04	20	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05	25	11/21/00		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	64	100 U	500 U	360	50 U	50 U	50 U	18400	50 U
MW-05	25	07/25/01		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	64	100 U	500 U	236	50 U	50 U	50 U	12600	50 U
MW-05	25	11/01/01		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	67	100 U	500 U	349	50 U	50 U	50 U	14300	50 U
MW-05	25	01/25/02		0.5 U	0.5 U	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1.21	0.89	5 U	21.1	1 U	5 U	194	0.5 U	0.5 U	0.5 U	7070	0.5 U
MW-05	25	06/04/02		1 U	1 U	1 U	1.06	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	11.9	2 U	10 U	30.5	1 U	1 U	1 U	224	1 U
MW-05	25	08/26/02		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U	299	50 U	50 U	50 U	10300	50 U
MW-05	25	11/27/02		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U	422	100 U	100 U	100 U	20700	100 U
MW-05	25	02/28/03		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U	100 U	100 U	1000 U	100 U	200 U	1000 U	644	100 U	100 U	100 U	21800	100 U
MW-05	25	05/30/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.8	5 U	25 U	78.1	2.5 U	2.5 U	2.5 U	696	2.5 U
MW-05	25	08/29/03		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	11.8	20 U	100 U	139	10 U	10 U	10 U	1820	10 U
MW-05	25	11/14/03		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	191	25 U	25 U	25 U	6560	25 U
MW-05	25	02/02/04		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	12.2	20 U	100 U	89.8	10 U	10 U	10 U	2380	10 U
MW-05	25	05/07/04		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	388	25 U	25 U	25 U	4920	25 U
MW-05	25	08/20/04		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	296	25 U	25 U	25 U	5450	25 U
MW-05	25	11/22/04	DP	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	178	25 U	25 U	25 U	6240	25 U
MW-05	25	11/22/04	D	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	186	25 U	25 U	25 U	6110	25 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-05	25	02/18/05		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	196	25 U	25 U	25 U	5270	25 U
MW-05	25	11/21/05		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	182	25 U	25 U	25 U	6360	25 U
MW-05	25	03/22/06		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	350	25 U	25 U	25 U	6600	25 U
MW-05	25	09/11/06		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	10 U	20 U	100 U	218	10 U	10 U	10 U	2920	10 U
MW-05	25	02/09/07		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	334	25 U	25 U	25 U	4740	25 U
MW-06	24	08/06/98		1 U	1 U	1 U	1.05	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	10.7	1 U	5 U	6.95	1 U	1 U	1 U	36	5 U
MW-06	24	04/30/99		2.5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U	25 U	5.75	2.5 U	50 U	7.1	2.5 U	2.5 U	2.5 U	156	2.5 U
MW-06	24	11/21/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1	1 U	5 U	2.73	0.5 U	0.5 U	0.5 U	22.5	0.5 U
MW-06	24	07/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.71	1 U	5 U	1.87	0.5 U	0.5 U	0.5 U	16.2	0.5 U
MW-06	24	10/16/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.59	1 U	5 U	1.95	0.5 U	0.5 U	0.5 U	16.9	0.5 U
MW-06	24	01/16/02		0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.83	1 U	5 U	4	0.5 U	0.5 U	0.5 U	18.8	0.5 U
MW-06	24	06/05/02		0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.65	1 U	5 U	8.54	0.5 U	0.5 U	0.5 U	17.2	0.5 U
MW-06	24	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.95	1 U	5 U	2.48	0.5 U	0.5 U	0.5 U	18	0.5 U
MW-06	24	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.77	1 U	5 U	2.78	0.5 U	0.5 U	0.5 U	19	0.5 U
MW-06	24	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.22	1 U	5 U	3.36	0.5 U	0.5 U	0.5 U	20.9	0.5 U
MW-06	24	05/30/03		0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.68	1 U	5 U	10.4	0.5 U	0.5 U	0.5 U	33	0.5 U
MW-06	24	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.57	1 U	5 U	3.3	0.5 U	0.5 U	0.5 U	22	0.5 U
MW-06	24	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	2.37	0.5 U	0.5 U	0.5 U	17.7	0.5 U
MW-06	24	02/02/04		0.5 U	0.53	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.55	1 U	5 U	17.5	0.5 U	0.5 U	0.5 U	33.1	0.5 U
MW-06	24	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.49	1 U	5 U	4.88	0.5 U	0.5 U	0.5 U	22	0.5 U
MW-06	24	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	2.53	0.5 U	0.5 U	0.5 U	20.5	0.5 U
MW-06	24	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	2.38	0.5 U	0.5 U	0.5 U	20.5	0.5 U
MW-06	24	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.82	0.5 U	0.5 U	0.5 U	16.2	0.5 U
MW-06	24	11/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	2.4	0.5 U	0.5 U	0.5 U	21.1	0.5 U
MW-06	24	03/23/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.23	1 U	5 U	3.66	0.5 U	0.5 U	0.5 U	25.1	0.5 U
MW-06	24	09/07/06	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.76	1 U	5 U	3.03	0.5 U	0.5 U	0.5 U	25.2	0.5 U
MW-06	24	09/07/06	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.64	1 U	5 U	2.6	0.5 U	0.5 U	0.5 U	23.4	0.5 U
MW-06	24	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.6	1 U	5 U	3.73	0.5 U	0.5 U	0.5 U	37	0.5 U
MW-07	25	08/06/98		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	9.4	5 U	25 U	12.8	5 U	5 U	5 U	531	25 U
MW-07	25	04/30/99		10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	100 U	10.2	10 U	200 U	23.2	10 U	10 U	10 U	1170	10 U
MW-07	25	11/17/00		10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	100 U	10.2	10 U	200 U	31.9	10 U	10 U	10 U	2220	20 U
MW-07	25	07/25/01	DP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	11.4	10 U	50 U	24.5	5 U	5 U	5 U	1310	5 U
MW-07	25	07/25/01	D	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	9.9	10 U	50 U	24.4	5 U	5 U	5 U	1290	5 U
MW-07	25	11/01/01		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	10.5	10 U	50 U	30.3	5 U	5 U	5 U	1570	5 U
MW-07	25	01/15/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	11	5 U	25 U	13.8	2.5 U	2.5 U	2.5 U	504	2.5 U
MW-07	25	06/04/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.5	5 U	25 U	30.8	2.5 U	2.5 U	2.5 U	376	2.5 U
MW-07	25	08/26/02	DP	1 U	1 U	1 U	1.18	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	12.5	2 U	10 U	25.8	1 U	1 U	1 U	271	1 U
MW-07	25	11/26/02	DP	1 U	1 U	1 U	1.16	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	12.1	2 U	10 U	28.2	1 U	1 U	1 U	363	1 U
MW-07	25	11/26/02	D	1 U	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	12.3	2 U	10 U	23.7	1 U	1 U	1 U	397	1 U
MW-07	25	02/28/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.7	5 U	25 U	42.6	2.5 U	2.5 U	2.5 U	509	2.5 U
MW-07	25	05/30/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	18.6	5 U	25 U	60.6	2.5 U	2.5 U	2.5 U	569	2.5 U
MW-07	25	08/29/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	11.5	5 U	25 U	42.1	2.5 U	2.5 U	2.5 U	497	2.5 U
MW-07	25	11/14/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	11.1	5 U	25 U	38.2	2.5 U	2.5 U	2.5 U	583	2.5 U
MW-07	25	01/30/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.2	5 U	25 U	58	2.5 U	2.5 U	2.5 U	892	2.5 U
MW-07	25	05/07/04		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	9.98	2 U	10 U	31.5	1 U	1 U	1 U	303	1 U
MW-07	25	08/20/04		1 U	1 U	1 U	1.02	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	10.4	2 U	10 U	35.6	1 U	1 U	1 U	345	1 U
MW-07	25	11/22/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.75	5 U	25 U	40.8	2.5 U	2.5 U	2.5 U	461	2.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-07	25	02/23/05	DP	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.48	2 U	10 U	29.9	1 U	1 U	1 U	242	1 U
MW-07	25	02/23/05	D	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.28	2 U	10 U	28.1	1 U	1 U	1 U	217	1 U
MW-07	25	11/28/05		1 U	3.06	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.44	2 U	10 U	48.3	1 U	1 U	1 U	225	1 U
MW-07	25	03/23/06		1 U	2.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.46	2 U	10 U	41.2	1 U	1 U	1 U	230	1 U
MW-07	25	09/07/06		0.5 U	2.63	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5	5 U	2.84	1 U	5 U	33.7	0.5 U	0.5 U	0.5 U	107	0.5 U
MW-07	25	02/09/07		0.5 U	1.24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.05	1 U	5 U	28.7	0.5 U	0.5 U	0.5 U	198	0.5 U
MW-08	25	08/06/98		1 U	1.89	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	4.36	1 U	5 U	6.36	1 U	1 U	1 U	45.8	5 U
MW-08	25	04/30/99		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	4.15	0.5 U	10 U	5.35	0.5 U	0.5 U	0.5 U	14	0.5 U
MW-08	25	11/16/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.45	1 U	5 U	4.87	0.5 U	0.5 U	0.5 U	14.2	0.5 U
MW-08	25	07/20/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.25	1 U	5 U	4.95	0.5 U	0.5 U	0.5 U	10.1	0.5 U
MW-08	25	10/23/01		0.5 U	0.67	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.74	1 U	5 U	7.24	0.5 U	0.5 U	0.5 U	13.2	0.5 U
MW-08	25	01/15/02	DP	0.5 U	0.57	0.5 U	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.89	1 U	5 U	6.5	0.5 U	0.5 U	0.5 U	11	0.5 U
MW-08	25	01/15/02	D	0.5 U	0.55	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.38	1 U	5 U	6.77	0.5 U	0.5 U	0.5 U	12.1	0.5 U
MW-08	25	05/31/02		0.5 U	0.57	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.52	1 U	5 U	11	0.5 U	0.5 U	0.5 U	11.9	0.5 U
MW-08	25	08/22/02	DP	0.5 U	0.7	0.5 U	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.54	1 U	5 U	13.2	0.5 U	0.5 U	0.5 U	13.9	0.5 U
MW-08	25	08/22/02	D	0.5 U	0.66	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.23	1 U	5 U	13.4	0.5 U	0.5 U	0.5 U	13.6	0.5 U
MW-08	25	11/22/02		0.5 U	0.83	0.5 U	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.39	1 U	5 U	17.3	0.5 U	0.5 U	0.5 U	17.4	0.5 U
MW-08	25	02/25/03		0.5 U	0.83	0.5 U	0.89	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.84	1 U	5 U	25	0.5 U	0.5 U	0.5 U	18	0.5 U
MW-08	25	05/27/03		0.5 U	0.94	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.45	1 U	5 U	25.6	0.5 U	0.5 U	0.5 U	16.5	0.5 U
MW-08	25	08/26/03		0.5 U	0.91	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.7	1 U	5 U	30.2	0.5 U	0.5 U	0.5 U	20.9	0.5 U
MW-08	25	11/11/03		0.5 U	0.73	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.79	1 U	5 U	25.5	0.5 U	0.5 U	0.5 U	15.6	0.5 U
MW-08	25	01/28/04	DP	0.5 U	0.56	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.57	1 U	5 U	19.9	0.5 U	0.5 U	0.5 U	12	0.5 U
MW-08	25	01/28/04	D	0.5 U	0.56	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.3	1 U	5 U	20.1	0.5 U	0.5 U	0.5 U	12.2	0.5 U
MW-08	25	05/06/04		0.5 U	0.7	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.51	1 U	5 U	22.3	0.5 U	0.5 U	0.5 U	15.3	0.5 U
MW-08	25	08/17/04		0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.62	5 U	5.74	1 U	5 U	19.4	0.5 U	0.5 U	0.5 U	22.3	0.5 U
MW-08	25	11/17/04		0.5 U	1.77	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.98 UB	5 U	5.63	1 U	5 U	28.6	0.5 U	0.5 U	0.5 U	70.6	0.5 U
MW-08	25	02/10/05		0.5 U	2.43	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1.01 UB	5 U	4.46	1 U	5 U	31.3	0.5 U	0.5 U	0.5 U	102	0.5 U
MW-08	25	05/20/05		1 U	5.48	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1.12 UB	10 U	3.92	2 U	10 U	63.2	1 U	1 U	1 U	206	1 U
MW-08	25	08/19/05		0.5 U	4.08	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.65 UB	5 U	3.11	1 U	5 U	48.6	0.5 U	0.5 U	0.5 U	145	0.5 U
MW-08	25	11/18/05		0.5 U	3.54	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.96	1 U	5 U	29.2	0.5 U	0.5 U	0.5 U	82.1	0.5 U
MW-08	25	03/23/06		0.5 U	3.35	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.52	5 U	1.71	1 U	5 U	32.8	0.5 U	0.5 U	0.5 U	85.8	0.5 U
MW-08	25	06/06/06		0.5 U	3.21	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.57	1 U	5 U	26	0.5 U	0.5 U	0.5 U	59.4	0.5 U
MW-08	25	09/07/06		0.5 U	1.93	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.64	1 U	5 U	13.5	0.5 U	0.5 U	0.5 U	28.5	0.5 U
MW-08	25	12/06/06		0.5 U	1.46	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	10.6	0.5 U	0.5 U	0.5 U	21.8	0.5 U
MW-08	25	02/12/07		0.5 U	1.33	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.51	1 U	5 U	11.9	0.5 U	0.5 U	0.5 U	24.9	0.5 U
MW-09	27	08/06/98		5 U	10.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	25 U	17	5 U	5 U	5 U	262	25 U
MW-09	27	04/30/99		1 U	6.76	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	10 U	2.92	1 U	20 U	12.2	1 U	1 U	1 U	142	1 U
MW-09	27	11/21/00		0.5 U	4.43	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.36	1 U	5 U	12	0.5 U	0.5 U	0.5 U	121	0.5 U
MW-09	27	07/24/01		0.5 U	2.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.51	1 U	5 U	6.45	0.5 U	0.5 U	0.5 U	52	0.5 U
MW-09	27	10/31/01		0.5 U	1.97	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.82	1 U	5 U	7.71	0.5 U	0.5 U	0.5 U	51	0.5 U
MW-09	27	01/18/02		0.5 U	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.16	1 U	5 U	4.38	0.5 U	0.5 U	0.5 U	19.6	0.5 U
MW-09	27	06/04/02	DP	0.5 U	1.03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.28	1 U	5 U	4.75	0.5 U	0.5 U	0.5 U	14.8	0.5 U
MW-09	27	06/04/02	D	0.5 U	1.09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.34	1 U	5 U	4.97	0.5 U	0.5 U	0.5 U	15.5	0.5 U
MW-09	27	08/22/02		0.5 U	1.28	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.11	1 U	5 U	6.65	0.5 U	0.5 U	0.5 U	33.9	0.5 U
MW-09	27	11/21/02		0.5 U	1.47	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.95	1 U	5 U	8.8	0.5 U	0.5 U	0.5 U	44.1	0.5 U
MW-09	27	02/26/03		0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.4	1 U	5 U	4.63	0.5 U	0.5 U	0.5 U	19.7	0.5 U
MW-09	27	05/28/03		0.5 U	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.12	1 U	5 U	7.75	0.5 U	0.5 U	0.5 U	22.4	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-09	27	08/28/03		0.5 U	1.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.31	1 U	5 U	16.7	0.5 U	0.5 U	0.5 U	72.2	0.5 U
MW-09	27	11/12/03		0.5 U	1.6	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57 UB	5 U	5.54	1 U	5 U	14.5	0.5 U	0.5 U	0.5 U	57.1	0.5 U
MW-09	27	01/29/04		0.5 U	0.96	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.21	1 U	5 U	8.5	0.5 U	0.5 U	0.5 U	25.1	0.5 U
MW-09	27	05/06/04		0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.68	1 U	5 U	7.4	0.5 U	0.5 U	0.5 U	25.1	0.5 U
MW-09	27	08/18/04	DP	0.5 U	3.41	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.53	5 U	3.61	1 U	5 U	18.9	0.5 U	0.5 U	0.5 U	113	0.5 U
MW-09	27	08/18/04	D	0.5 U	3.47	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57	5 U	3.61	1 U	5 U	19.8	0.5 U	0.5 U	0.5 U	115	0.5 U
MW-09	27	11/18/04		0.5 U	1.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.09	1 U	5 U	12.5	0.5 U	0.5 U	0.5 U	57.6	0.5 U
MW-09	27	02/15/05		0.5 U	1.39	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.52	1 U	5 U	9.87	0.5 U	0.5 U	0.5 U	44.9	0.5 U
MW-09	27	05/19/05		0.5 U	2.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.31	1 U	5 U	21.5	0.5 U	0.5 U	0.5 U	76.8	0.5 U
MW-09	27	08/19/05		0.5 U	3.67	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.76	1 U	5 U	17.6	0.5 U	0.5 U	0.5 U	36.5	0.5 U
MW-09	27	11/17/05		0.5 U	2.29	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	5.25	0.5 U	0.5 U	0.5 U	12.1	0.5 U
MW-09	27	03/22/06		0.5 U	2.22	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	6.76	0.5 U	0.5 U	0.5 U	11.8	0.5 U
MW-09	27	06/06/06		0.5 U	2.73	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	6.17	0.5 U	0.5 U	0.5 U	8.64	0.5 U
MW-09	27	09/05/06		0.5 U	1.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	2.88	0.5 U	0.5 U	0.5 U	2.6	0.5 U
MW-09	27	12/06/06		0.5 U	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	2.82	0.5 U	0.5 U	0.5 U	4.61	0.5 U
MW-09	27	02/12/07		0.5 U	1.33	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	4.12	0.5 U	0.5 U	0.5 U	4.58	0.5 U
MW-10	26	08/06/98		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	18.5	5 U	25 U	17.8	5 U	5 U	5 U	554	25 U
MW-10	26	04/30/99		2.5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U	25 U	10	2.5 U	50 U	10.3	2.5 U	2.5 U	2.5 U	270	2.5 U
MW-10	26	11/21/00		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.42	2 U	10 U	9.52	1 U	1 U	1 U	375	1 U
MW-10	26	07/24/01		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5	2 U	10 U	9.06	1 U	1 U	1 U	321	1 U
MW-10	26	10/31/01		0.5 U	0.53	0.5 U	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.27	1 U	5 U	8.24	0.5 U	0.5 U	0.5 U	192	0.5 U
MW-10	26	01/18/02		0.5 U	0.52	0.5 U	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.4	1 U	5 U	8.09	0.5 U	0.5 U	0.5 U	56.3	0.5 U
MW-10	26	06/04/02		0.5 U	0.79	0.5 U	1.17	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U	14.4	0.5 U	0.5 U	0.5 U	31.9	0.5 U
MW-10	26	08/22/02		0.5 U	0.62	0.5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.3	1 U	5 U	11.7	0.5 U	0.5 U	0.5 U	104	0.5 U
MW-10	26	11/22/02		0.5 U	0.72	0.5 U	1.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.8	1 U	5 U	15.4	0.5 U	0.5 U	0.5 U	133	0.5 U
MW-10	26	02/27/03		0.5 U	0.79	0.5 U	1.12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.93	1 U	5 U	18.6	0.5 U	0.5 U	0.5 U	112	0.5 U
MW-10	26	05/29/03		0.5 U	1.02	0.5 U	1.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.4	1 U	5 U	26.4	0.5 U	0.5 U	0.5 U	72.6	0.5 U
MW-10	26	08/28/03		1 U	1 U	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	9.84	2 U	10 U	26.4	1 U	1 U	1 U	221	1 U
MW-10	26	11/13/03	DP	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	9.08	2 U	10 U	19.2	1 U	1 U	1 U	144	1 U
MW-10	26	11/13/03	D	0.5 U	0.7	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.81	1 U	5 U	20.4	0.5 U	0.5 U	0.5 U	178	0.5 U
MW-10	26	01/30/04	DP	0.5 U	0.85	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.7	1 U	5 U	25.4	0.5 U	0.5 U	0.5 U	88.6	0.5 U
MW-10	26	01/30/04	D	0.5 U	0.78	0.5 U	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.5	1 U	5 U	24.8	0.5 U	0.51	0.5 U	87.3	0.5 U
MW-10	26	05/07/04		1 U	1 U	1 U	1.18	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	10.9	2 U	10 U	25.5	1 U	1 U	1 U	222	1 U
MW-10	26	08/19/04		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	10.1	2 U	10 U	24.5	1 U	1 U	1 U	277	1 U
MW-10	26	11/19/04	DP	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	8.62	2 U	10 U	26.8	1 U	1 U	1 U	227	1 U
MW-10	26	11/19/04	D	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	9.96	2 U	10 U	26.2	1 U	1 U	1 U	226	1 U
MW-10	26	02/17/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 UB	10 U	8.4	2 U	10 U	22.6	1 U	1 U	1 U	207	1 U
MW-10	26	11/21/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	7.72	2 U	10 U	26.1	1 U	1 U	1 U	279	1 U
MW-10	26	03/22/06		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	8	2 U	10 U	30.4	1 U	1 U	1 U	236	1 U
MW-10	26	09/11/06		1 U	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.38	2 U	10 U	23.8	1 U	1 U	1 U	164	1 U
MW-10	26	12/06/06	DP	0.5 U	1.11	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57 UB	5 U	6.4	1 U	5 U	28.5	0.5 U	0.5 U	0.5 U	157	0.5 U
MW-10	26	12/06/06	D	0.5 U	1.12	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57 UB	5 U	6.2	1 U	5 U	28.7	0.5 U	0.5 U	0.5 U	174	0.5 U
MW-10	26	02/12/07		0.5 U	1.16	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.52	5 U	6.97	1 U	5 U	35.5	0.5 U	0.5 U	0.5 U	237	0.5 U
MW-11	21	04/27/99		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.5 U
MW-11	21	11/15/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	21	07/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	21	10/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-11	21	01/18/02		0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.99	1 U	5 U	8.38	0.5 U	0.5 U	0.5 U	5.76	0.5 U
MW-11	21	06/05/02		0.5 U	0.62	0.5 U	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.91	1 U	5 U	19	0.5 U	0.5 U	0.5 U	7.82	0.5 U
MW-11	21	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.58	0.5 U	0.5 U	0.5 U	0.95	0.5 U
MW-11	21	11/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	21	02/24/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.29	1 U	5 U	5.05	0.5 U	0.5 U	0.5 U	3.18	0.5 U
MW-11	21	05/27/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.27	1 U	5 U	5.35	0.5 U	0.5 U	0.5 U	3.31	0.5 U
MW-11	21	08/25/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.37	0.5 U	0.5 U	0.5 U	0.75	0.5 U
MW-11	21	11/11/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	21	01/27/04		0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.02	1 U	5 U	14.9	0.5 U	0.5 U	0.5 U	8.14	0.5 U
MW-11	21	05/04/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.94	1 U	5 U	3.56	0.5 U	0.5 U	0.5 U	2.07	0.5 U
MW-11	21	08/17/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	21	11/17/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	21	02/10/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.33	1 U	5 U	3.52	0.5 U	0.5 U	0.5 U	2.15	0.5 U
MW-11	21	05/18/05		0.5 U	0.5 U	0.5 U	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.49	1 U	5 U	19.2	0.5 U	0.5 U	0.5 U	9.59	0.5 U
MW-11	21	08/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-11	21	11/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.46	1 U	5 U	3.93	0.5 U	0.5 U	0.5 U	2.36	0.5 U
MW-11	21	03/22/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.79	1 U	5 U	3.3	0.5 U	0.5 U	0.5 U	1.86	0.5 U
MW-11	21	06/06/06		0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.53	1 U	5 U	11.8	0.5 U	0.5 U	0.5 U	8.78	0.5 U
MW-11	21	09/11/06	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.55	0.5 U	0.5 U	0.5 U	0.85	0.5 U
MW-11	21	09/11/06	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.46	0.5 U	0.5 U	0.5 U	0.77	0.5 U
MW-11	21	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.68	1 U	5 U	2.93	0.5 U	0.5 U	0.5 U	7.75	0.5 U
MW-12	26	11/07/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	07/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	10/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	01/29/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.85	0.5 U
MW-12	26	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	02/11/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	11/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	03/24/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	26	02/08/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	24	11/21/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	24	07/16/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	24	10/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	24	01/12/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	24	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	24	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	24	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-15	28	11/09/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	07/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	10/22/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	01/10/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	08/29/03	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	08/29/03	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	11/22/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	03/24/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	28	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	31	11/21/00		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	7.55	5 U	2.5 U	2.5 U	25 U	7.4	5 U	25 U	14.8	2.5 U	2.5 U	2.5 U	726	2.5 U
MW-16	31	07/25/01		3.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.25	5 U	25 U	14.2	2.5 U	2.5 U	2.5 U	721	2.5 U
MW-16	31	10/31/01	DP	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.5	5 U	25 U	17.4	2.5 U	2.5 U	2.5 U	805	2.5 U
MW-16	31	10/31/01	D	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	7.15	5 U	25 U	17.1	2.5 U	2.5 U	2.5 U	782	2.5 U
MW-16	31	01/14/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	8.1	5 U	25 U	11.8	2.5 U	2.5 U	2.5 U	492	2.5 U
MW-16	31	06/04/02		0.5 U	0.64	0.5 U	0.92	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.5	1 U	5 U	12.3	0.5 U	0.5 U	0.5 U	147	0.5 U
MW-16	31	08/26/02		1 U	1.74	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.94	2 U	10 U	12.2	1 U	1 U	1 U	171	1 U
MW-16	31	11/26/02		0.5 U	1.25	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.7	1 U	5 U	13.3	0.5 U	0.5 U	0.5 U	163	0.5 U
MW-16	31	02/27/03		0.5 U	1.23	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.63	1 U	5 U	13.8	0.5 U	0.5 U	0.5 U	150	0.5 U
MW-16	31	05/29/03		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	8.64	2 U	10 U	14.5	1 U	1 U	1 U	192	1 U
MW-16	31	08/28/03		0.5 U	1.94	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.83	1 U	5 U	17.3	0.5 U	0.5 U	0.5 U	153	0.5 U
MW-16	31	11/13/03		0.5 U	0.92	0.5 U	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.49	1 U	5 U	15.6	0.5 U	0.5 U	0.5 U	144	0.5 U
MW-16	31	01/30/04		0.5 U	0.79	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.3	1 U	5 U	21.4	0.5 U	0.5 U	0.5 U	151	0.5 U
MW-16	31	05/07/04		0.5 U	1.97	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.22	1 U	5 U	17.3	0.5 U	0.5 U	0.5 U	141	0.5 U
MW-16	31	08/19/04		0.5 U	2.51	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.76	1 U	5 U	17.9	0.5 U	0.5 U	0.5 U	135	0.5 U
MW-16	31	11/22/04		1 U	1.64	1 U	1.24	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	14.9	2 U	10 U	44	1 U	1 U	1 U	345	1 U
MW-16	31	02/17/05		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	7.92	2 U	10 U	22.7	1 U	1 U	1 U	218	1 U
MW-16	31	05/23/05	DP	0.5 U	0.54	0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.57	1 U	5 U	22.2	0.5 U	0.5 U	0.5 U	169	0.5 U
MW-16	31	05/23/05	D	0.5 U	0.61	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.61	1 U	5 U	23.4	0.5 U	0.5 U	0.5 U	167	0.5 U
MW-16	31	08/19/05	DP	0.5 U	2.67	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.71 UB	5 U	5.65	1 U	5 U	26.2	0.5 U	0.5 U	0.5 U	113	0.5 U
MW-16	31	08/19/05	D	0.5 U	2.62	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.7 UB	5 U	5.85	1 U	5 U	26	0.5 U	0.5 U	0.5 U	111	0.5 U
MW-16	31	11/18/05		0.5 U	2.07	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.57	5 U	5.55	1 U	5 U	26.1	0.5 U	0.5 U	0.5 U	153	0.5 U
MW-16	31	03/22/06		0.5 U	3.09	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.14	1 U	5 U	12.7	0.5 U	0.5 U	0.5 U	46.6	0.5 U
MW-16	31	06/06/06		0.5 U	2.32	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.9	1 U	5 U	32.9	0.5 U	0.5 U	0.5 U	169	0.5 U
MW-16	31	09/05/06		0.5 U	2.15	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.56	1 U	5 U	7.24	0.5 U	0.5 U	0.5 U	17.6	0.5 U
MW-16	31	12/06/06		0.5 U	2.14	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.52	1 U	5 U	20.8	0.5 U	0.5 U	0.5 U	81.4	0.5 U
MW-16	31	02/06/07		0.5 U	1.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.67	1 U	5 U	9.43	0.5 U	0.5 U	0.5 U	25.6	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-17	26	11/21/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.29	0.5 U
MW-17	26	07/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	10/22/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	01/12/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	02/04/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	11/22/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	03/22/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	09/07/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17	26	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	11/09/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.89	0.5 U	0.5 U	0.5 U	0.78	0.5 U
MW-18	33	07/27/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.72	0.5 U	0.5 U	0.5 U	4.26	0.5 U
MW-18	33	10/23/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.88	0.5 U	0.5 U	0.5 U	0.57	0.5 U
MW-18	33	01/10/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.37	0.5 U	0.5 U	0.5 U	0.84	0.5 U
MW-18	33	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.72	0.5 U
MW-18	33	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	11/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	11/22/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	03/24/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18	33	02/06/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	28	10/28/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	3.09 UB	5 U	0.5 U	1 U	5 U	0.98	0.5 U	0.5 U	0.5 U	6.23	0.5 U
MW-19s	28	12/08/04	R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.63 UB	5 U	0.5 U	1 U	5 U	0.9	0.5 U	0.5 U	0.5 U	6.95	0.5 U
MW-19s	28	02/10/05	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.71	0.5 U	0.5 U	0.5 U	4.02	0.5 U
MW-19s	28	02/10/05	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.66	0.5 U	0.5 U	0.5 U	3.99	0.5 U
MW-19s	28	05/18/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.69	0.5 U	0.5 U	0.5 U	3.57	0.5 U
MW-19s	28	08/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.18	0.5 U
MW-19s	28	11/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.92	0.5 U
MW-19s	28	03/23/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-19s	28	06/02/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-19s	28	02/05/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-20	52	11/13/00		0.5 U	4.16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.3	1 U	5 U	8.61	0.5 U	0.5 U	0.5 U	69.5	0.5 U
MW-20	52	07/23/01		0.5 U	4.03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.57	1 U	5 U	8.73	0.5 U	0.5 U	0.5 U	70.5	0.5 U
MW-20	52	10/30/01		0.5 U	9.8	0.5 U	0.5 U	1.49	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.35	1 U	5 U	16.4	0.5 U	0.5 U	0.5 U	165	0.5 U
MW-20	52	01/14/02		1 U	17	1 U	1 U	2.1	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	4.9	2 U	10 U	25.1	1 U	1 U	1 U	288	1 U
MW-20	52	06/03/02		2.5 U	18.2	2.5 U	2.5 U	2.75	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	4.35	5 U	25 U	37.3	2.5 U	2.5 U	2.5 U	402	2.5 U
MW-20	52	08/21/02		1 U	13.1	1 U	1 U	1.88	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.82	2 U	10 U	22.1	1 U	1 U	1 U	257	1 U
MW-20	52	11/21/02		1 U	16.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.52	2 U	10 U	26.1	1 U	1 U	1 U	367	1 U
MW-20	52	02/27/03		1 U	15.5	1 U	1 U	1.92	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.18	2 U	10 U	31.2	1 U	1 U	1 U	339	1 U
MW-20	52	05/29/03		2.5 U	23.4	2.5 U	2.5 U	3.1	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	5.1	5 U	25 U	51	2.5 U	2.5 U	2.5 U	560	2.5 U
MW-20	52	08/26/03		1 U	11.4	1 U	1 U	1.36	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	2.48	2 U	10 U	27.5	1 U	1 U	1 U	325	1 U
MW-20	52	11/14/03		1 U	8.56	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	2.1	2 U	10 U	22.4	1 U	1 U	1 U	277	1 U
MW-20	52	01/30/04		2.5 U	18.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	4.35	5 U	25 U	51.4	2.5 U	2.5 U	2.5 U	456	2.5 U
MW-20	52	05/07/04		2.5 U	14.3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	4	5 U	25 U	38.6	2.5 U	2.5 U	2.5 U	370	2.5 U
MW-20	52	08/25/04		0.5 U	8.6	0.5 U	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.23	1 U	5 U	22.7	0.5 U	0.5 U	0.5 U	188	0.5 U
MW-20	52	11/22/04		1 U	11.2	1 U	1 U	1.54	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.74	2 U	10 U	39.8	1 U	1 U	1 U	326	1 U
MW-20	52	02/18/05		0.5 U	6.28	0.5 U	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.93	1 U	5 U	22	0.5 U	0.5 U	0.5 U	180	0.5 U
MW-20	52	05/20/05		1 U	14.5	1 U	1 U	2.88	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.56	2 U	10 U	46.2	1 U	1 U	1 U	358	1 U
MW-20	52	08/19/05		0.5 U	5.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.69	1 U	5 U	28.1	0.5 U	0.5 U	0.5 U	149	0.5 U
MW-20	52	11/18/05		0.5 U	4.82	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.66	1 U	5 U	11.6	0.5 U	0.5 U	0.5 U	29.8	0.5 U
MW-20	52	03/21/06		0.5 U	2.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	7.17	0.5 U	0.5 U	0.5 U	30.1	0.5 U
MW-20	52	06/01/06		0.5 U	2.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	5.55	0.5 U	0.5 U	0.5 U	10.8	0.5 U
MW-20	52	09/05/06		0.5 U	1.31	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	4.41	0.5 U	0.5 U	0.5 U	18.6	0.5 U
MW-20	52	12/06/06		0.5 U	1.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	3.28	0.5 U	0.5 U	0.5 U	8.21	0.5 U
MW-20	52	02/06/07		0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	3.14	0.5 U	0.5 U	0.5 U	10.6	0.5 U
MW-21	37	11/15/00		0.5 U	2.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.52	5 U	1.72	1 U	5 U	6.31	0.5 U	0.5 U	0.5 U	92.7	0.5 U
MW-21	37	07/23/01		0.5 U	1.37	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.56	5 U	0.93	1 U	5 U	4.33	0.5 U	0.5 U	0.5 U	53.5	0.5 U
MW-21	37	10/31/01		0.5 U	1.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.51	5 U	0.5 U	1 U	5 U	5	0.5 U	0.5 U	0.5 U	73.9	0.5 U
MW-21	37	01/24/02		1 U	1.14	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	6.28	2 U	10 U	7.66	1 U	1 U	1 U	206	1 U
MW-21	37	06/03/02		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.54	2 U	10 U	7.72	1 U	1 U	1 U	217	1 U
MW-21	37	08/26/02		1 U	1.48	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	4.66	2 U	10 U	9.58	1 U	1 U	1 U	277	1 U
MW-21	37	11/26/02		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	3.82	2 U	10 U	7.04	1 U	1 U	1 U	194	1 U
MW-21	37	02/27/03		1 U	1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	4.42	2 U	10 U	9.48	1 U	1 U	1 U	252	1 U
MW-21	37	05/29/03		0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.88	1 U	5 U	4.39	0.5 U	0.5 U	0.5 U	105	0.5 U
MW-21	37	08/28/03		0.5 U	1.48	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.15	1 U	5 U	8.26	0.5 U	0.5 U	0.5 U	166	0.5 U
MW-21	37	11/13/03		0.5 U	0.89	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.39	1 U	5 U	4.53	0.5 U	0.5 U	0.5 U	95.3	0.5 U
MW-21	37	01/29/04		0.5 U	0.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.17	1 U	5 U	6.23	0.5 U	0.5 U	0.5 U	97.5	0.5 U
MW-21	37	05/07/04		0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.98	1 U	5 U	5.81	0.5 U	0.5 U	0.5 U	94.1	0.5 U
MW-21	37	08/19/04		0.5 U	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.55	1 U	5 U	6.28	0.5 U	0.5 U	0.5 U	99.9	0.5 U
MW-21	37	11/19/04		0.5 U	1.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.43	1 U	5 U	5.86	0.5 U	0.5 U	0.5 U	74.5	0.5 U
MW-21	37	02/17/05		0.5 U	1.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.56	1 U	5 U	7.23	0.5 U	0.5 U	0.5 U	99.5	0.5 U
MW-21	37	05/20/05		0.5 U	0.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.29	1 U	5 U	6.41	0.5 U	0.5 U	0.5 U	75.6	0.5 U
MW-21	37	08/19/05		0.5 U	1.16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.61	1 U	5 U	6.89	0.5 U	0.5 U	0.5 U	75.1	0.5 U
MW-21	37	11/18/05		0.5 U	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.87	1 U	5 U	6.75	0.5 U	0.5 U	0.5 U	63.4	0.5 U
MW-21	37	03/21/06		0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.36	1 U	5 U	9.41	0.5 U	0.5 U	0.5 U	81.8	0.5 U
MW-21	37	06/01/06		0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.97	1 U	5 U	9.48	0.5 U	0.5 U	0.5 U	69.2	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-21	37	09/05/06		0.5 U	0.93	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.69	1 U	5 U	7.66	0.5 U	0.5 U	0.5 U	57.5	0.5 U
MW-21	37	12/06/06		0.5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.38	1 U	5 U	9.21	0.5 U	0.5 U	0.5 U	63.8	0.5 U
MW-21	37	02/06/07	DP	0.5 U	1.46	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.1	1 U	5 U	10.9	0.5 U	0.5 U	0.5 U	68.3	0.5 U
MW-21	37	02/06/07	D	0.5 U	1.48	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.34	1 U	5 U	11.2	0.5 U	0.5 U	0.5 U	70.1	0.5 U
(Abondoned)	11	11/20/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.76	0.5 U	1 U	0.5 U	0.5	5 U	0.5 U	1 U	5 U	0.5 U	2.3 UB	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	11/13/00		0.5 U	1.49	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.71	0.5 U
MW-23	40	07/27/01		0.5 U	1.92	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.65	0.5 U
MW-23	40	10/26/01		0.5 U	2.07	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.07	0.5 U
MW-23	40	01/10/02		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	06/01/02		0.5 U	1.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.56 UB	0.5 U
MW-23	40	09/05/02	DP	0.5 U	2.26	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.2	0.5 U
MW-23	40	09/05/02	D	0.5 U	2.22	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.53 UB	0.5 U	0.5 U	1.09	0.5 U
MW-23	40	11/20/02		0.5 U	1.43	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	02/24/03		0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	05/27/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	08/25/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	11/12/03	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	11/12/03	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	01/27/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	05/04/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	08/16/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	11/16/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	02/08/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	11/15/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	03/21/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-23	40	02/06/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	11/13/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	07/19/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	10/24/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	01/14/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	11/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	11/29/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	03/21/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24	57	02/06/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25	80	11/13/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.02	0.5 U
MW-25	80	07/19/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.95	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-25	80	10/24/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.16	0.5 U
MW-25	80	02/04/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51	0.5 U
MW-25	80	05/31/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.97	0.5 U
MW-25	80	08/21/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.32	0.5 U
MW-25	80	11/21/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.36	0.5 U
MW-25	80	02/28/03	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.48	0.5 U
MW-25	80	02/28/03	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.92	0.5 U
MW-25	80	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.57	0.5 U
MW-25	80	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.96	0.5 U
MW-25	80	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.82	0.5 U
MW-25	80	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5	0.5 U
MW-25	80	05/07/04	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.93	0.5 U
MW-25	80	05/07/04	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.95	0.5 U
MW-25	80	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.27	0.5 U
MW-25	80	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.78	0.5 U
MW-25	80	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.05	0.5 U
MW-25	80	11/22/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.66	0.5 U
MW-25	80	03/21/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.63	0.5 U
MW-25	80	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.68	0.5 U
MW-28s	24	10/29/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	24	02/08/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	24	05/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	24	08/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.5 U
MW-28s	24	11/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	24	03/20/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	24	06/06/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28s	24	02/08/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	28	10/28/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	28	02/09/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	28	05/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	28	08/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	28	11/15/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	28	03/20/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	28	06/02/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32s	28	02/07/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	10/28/04	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	10/28/04	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	02/09/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	05/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	08/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	11/15/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	03/20/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	06/01/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U	0.5	0.5 U	0.5 U	0.5 U	0.65	0.5 U
MW-33s	26	09/06/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-33s	26	02/07/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	27.5	10/28/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	27.5	02/08/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5	1 U	0.5 U	5.26 UB	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-35s	27.5	05/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.54	1 U	0.5 U	3.16 UB	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	27.5	08/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.64	1 U	0.5 U	4.84 UB	5 U	0.5 U	2.13	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	27.5	11/15/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1.23	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	27.5	03/21/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.28	1 U	0.5 U	3.82	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	27.5	06/01/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1.49	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35s	27.5	02/06/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	29	10/29/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	29	02/08/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.66 UB	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.61	0.5 U
MW-36s	29	05/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.15	0.5 U
MW-36s	29	08/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	29	11/15/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1.5	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U
MW-36s	29	03/21/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	29	06/01/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.04	1 U	5 U	1.41	0.5 U	0.5 U	0.5 U	6.27	0.5 U
MW-36s	29	09/05/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-36s	29	02/08/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	29	10/29/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	29	02/08/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	29	05/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	29	08/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	29	11/15/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	29	03/20/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	29	06/02/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37s	29	02/05/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	28	10/28/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	28	02/08/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	28	05/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	28	08/16/05		0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	28	11/15/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	28	03/20/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	28	06/02/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39s	28	02/05/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-E	29	08/19/04		0.5 U	2.51	0.5 U	6.25	3.02	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	64	1 U	5 U	48.2	0.5 U	0.5 U	0.5 U	132	0.5 U
MW-E	29	11/19/04		0.5 U	1.79	0.5 U	5.3	2.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	59.9	1 U	5 U	46.5	0.5 U	0.5 U	0.5 U	116	0.5 U
MW-E	29	02/17/05		0.5 U	1.69	0.5 U	4.48	2.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	55.4	1 U	5 U	49.7	0.5 U	0.5 U	0.5 U	117	0.5 U
MW-E	29	05/20/05		0.5 U	2.41	0.5 U	5.56	4.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	63	1 U	5 U	60.3	0.5 U	0.5 U	0.5 U	133	0.5 U
MW-E	29	08/19/05		0.5 U	1.5	0.5 U	4.63	2.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	54.8	1 U	5 U	49	0.5 U	0.5 U	0.5 U	104	0.5 U
MW-E	29	11/18/05		0.5 U	1.98	0.5 U	4.94	2.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	60.7	1 U	5 U	52.3	0.5 U	1.16	0.5 U	117	0.5 U
MW-E	29	03/24/06		0.5 U	1.5	0.5 U	3.97	2.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	56.2	1 U	5 U	53.8	0.5 U	0.5 U	0.5 U	116	0.5 U
MW-E	29	06/02/06		0.5 U	2.03	0.5 U	5.2	3.41	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	62.1	1 U	5 U	63	0.5 U	0.5 U	0.5 U	125	0.5 U
MW-E	29	09/06/06		0.5 U	1.28	0.5 U	4.36	2.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	52.9	1 U	5 U	46.9	0.5 U	0.5 U	0.5 U	99	0.5 U
MW-E	29	02/07/07	D	0.5 U	1.17	0.5 U	4.3	2.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	56.5	1 U	5 U	52.4	0.5 U	0.5 U	0.5 U	111	0.5 U
MW-E	29	02/07/07	DP	0.5 U	1.1	0.5 U	4.4	2.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	57.6	1 U	5 U	53.4	0.5 U	0.5 U	0.5 U	113	0.5 U
MW-F	32	08/17/04		0.5 U	0.5 U	0.5 U	0.99	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.3	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	32	11/16/04		0.5 U	0.5 U	0.5 U	0.86	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.14	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	32	02/09/05		0.5 U	0.5 U	0.5 U	0.85	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.14	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	32	05/17/05		0.5 U	0.5 U	0.5 U	1.04	0.5 U	0.5 U	1.03	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14.8	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-F	32	08/16/05		0.5 U	0.5 U	0.5 U	0.84	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.68	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	32	11/16/05		0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.18	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	32	03/20/06		0.5 U	0.5 U	0.5 U	0.94	0.5 U	0.5 U	0.84	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.4	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	32	06/02/06		0.5 U	0.5 U	0.5 U	1.49	0.5 U	0.5 U	2.06	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	24.7	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.77	0.5 U
MW-F	32	09/06/06		0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.4	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-F	32	02/07/07		0.5 U	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.82	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.2	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-G	32	08/17/04		0.5 U	0.5 U	0.5 U	2.09	0.5 U	0.5 U	2.74	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32.2	1 U	5 U	1.18	0.5 U	0.56	0.5 U	2.94	0.5 U
MW-G	32	11/16/04		0.5 U	0.5 U	0.5 U	1.66	0.5 U	0.5 U	2.43	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	28.7	1 U	5 U	1.19	0.5 U	0.5 U	0.5 U	2.61	0.5 U
MW-G	32	02/09/05		0.5 U	0.5 U	0.5 U	1.61	0.5 U	0.5 U	2.06	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	26.6	1 U	5 U	0.99	0.5 U	0.5 U	0.5 U	2.45	0.5 U
MW-G	32	05/18/05		0.5 U	0.5 U	0.5 U	1.94	0.5 U	0.5 U	2	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32.8	1 U	5 U	1.35	0.5 U	0.5 U	0.5 U	2.64	0.5 U
MW-G	32	08/17/05		0.5 U	0.5 U	0.5 U	1.98	0.5 U	0.5 U	2.18	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	31.5	1 U	5 U	1.26	0.5 U	0.5 U	0.5 U	3.05	0.5 U
MW-G	32	11/16/05		0.5 U	0.5 U	0.5 U	1.88	0.5 U	0.5 U	1.98	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	29.4	1 U	5 U	1.3	0.5 U	0.5 U	0.5 U	2.76	0.5 U
MW-G	32	03/20/06		0.5 U	0.5 U	0.5 U	2.03	0.5 U	0.5 U	2.08	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32	1 U	5 U	1.39	0.5 U	0.5 U	0.5 U	3.04	0.5 U
MW-G	32	06/02/06		0.5 U	0.5 U	0.5 U	2.15	0.5 U	0.5 U	1.59	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	29.2	1 U	5 U	1.99	0.5 U	0.5 U	0.5 U	3.63	0.5 U
MW-G	32	09/07/06		0.5 U	0.5 U	0.5 U	1.9	0.5 U	0.5 U	1.74	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	30	1 U	5 U	1.8	0.5 U	0.5 U	0.5 U	3.4	0.5 U
MW-G	32	02/07/07		0.5 U	0.5 U	0.5 U	1.85	0.5 U	0.5 U	1.29	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	27.4	1 U	5 U	2.17	0.5 U	0.5 U	0.5 U	3.78	0.5 U
Intermediate Monitoring Wells																										
MW-04i	95	04/28/99		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	1.77	0.5 U
MW-04i	95	11/16/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	07/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	10/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	01/31/02	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.24	0.5 U
MW-04i	95	01/31/02	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.11	0.5 U
MW-04i	95	05/30/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	08/21/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	11/21/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	02/14/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	11/29/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	03/24/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04i	95	02/12/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	04/30/99		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	11.6	0.5 U
MW-05i	95	11/16/00	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4	0.5 U
MW-05i	95	11/16/00	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.13	0.5 U
MW-05i	95	07/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.71	0.5 U
MW-05i	95	10/16/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.74	0.5 U
MW-05i	95	01/24/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	05/30/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	08/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	11/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-05i	95	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.67	0.5 U
MW-05i	95	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.57	0.5 U
MW-05i	95	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.54	0.5 U
MW-05i	95	02/11/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	11/29/05		0.5 U	0.77	0.5 U	1.18	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.7	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	03/22/06		0.5 U	0.96	0.5 U	1.48	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.71	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05i	95	09/11/06		0.5 U	1.03	0.5 U	1.45	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.99	1 U	5 U	1.51	0.5 U	0.5 U	0.5 U	2.11	0.5 U
MW-05i	95	02/09/07		0.5 U	0.5 U	0.5 U	0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.35	1 U	5 U	1	0.5 U	0.5 U	0.5 U	13.2	0.5 U
MW-07i	85	11/20/00		1 U	1.46	1 U	1.7	1.06	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	19.2	2 U	10 U	22	1 U	1 U	1 U	351	1 U
MW-07i	85	07/24/01		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	13.9	5 U	25 U	24	2.5 U	2.5 U	2.5 U	528	2.5 U
MW-07i	85	10/31/01		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	16.4	5 U	25 U	28.6	2.5 U	2.5 U	2.5 U	775	2.5 U
MW-07i	85	01/15/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	19.3	5 U	25 U	28.8	2.5 U	2.5 U	2.5 U	769	2.5 U
MW-07i	85	06/04/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	18.2	5 U	25 U	26.1	2.5 U	2.5 U	2.5 U	578	2.5 U
MW-07i	85	08/26/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	19.4	5 U	25 U	27.6	2.5 U	2.5 U	2.5 U	579	2.5 U
MW-07i	85	11/26/02		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	19.5	5 U	25 U	28.2	2.5 U	2.5 U	2.5 U	699	2.5 U
MW-07i	85	02/27/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	17	5 U	25 U	27.7	2.5 U	2.5 U	2.5 U	685	2.5 U
MW-07i	85	05/29/03	DP	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	17.3	5 U	25 U	27.4	2.5 U	2.5 U	2.5 U	658	2.5 U
MW-07i	85	05/29/03	D	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	17.4	5 U	25 U	25.3	2.5 U	2.5 U	2.5 U	660	2.5 U
MW-07i	85	08/26/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.2	5 U	25 U	26.6	2.5 U	2.5 U	2.5 U	704	2.5 U
MW-07i	85	11/14/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14.5	5 U	25 U	24.9	2.5 U	2.5 U	2.5 U	613	2.5 U
MW-07i	85	01/30/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	13.8	5 U	25 U	24.2	2.5 U	2.5 U	2.5 U	534	2.5 U
MW-07i	85	05/07/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.45	5 U	25 U	20.8	2.5 U	2.5 U	2.5 U	512	2.5 U
MW-07i	85	08/19/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.4	5 U	25 U	18.4	2.5 U	2.5 U	2.5 U	394	2.5 U
MW-07i	85	11/22/04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	15.6	5 U	25 U	28.3	2.5 U	2.5 U	2.5 U	441	2.5 U
MW-07i	85	02/18/05		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14	5 U	25 U	28.4	2.5 U	2.5 U	2.5 U	480	2.5 U
MW-07i	85	11/21/05		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	14	5 U	25 U	34.8	2.5 U	2.5 U	2.5 U	548	2.5 U
MW-07i	85	03/23/06		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.5	5 U	25 U	32.6	2.5 U	2.5 U	2.5 U	497	2.5 U
MW-07i	85	09/11/06		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	13	5 U	25 U	29.9	2.5 U	2.5 U	2.5 U	418	2.5 U
MW-07i	85	02/12/07	DP	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	12.8	5 U	25 U	33.4	2.5 U	2.5 U	2.5 U	377	2.5 U
MW-07i	85	02/12/07	D	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	13.4	2 U	10 U	33.4	1 U	1 U	1 U	374	1 U
MW-08i	125	04/30/99	DP	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	04/30/99	D	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	11/09/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	07/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	10/16/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	01/15/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	05/30/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	08/21/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	11/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-08i	125	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	01/30/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	02/14/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	11/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	03/23/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-08i	125	09/07/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.85	0.5 U	0.5 U	0.5 U	1	0.5 U
MW-08i	125	02/12/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-18i	125	11/16/00		0.5 U	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.53	5 U	1.59	1 U	5 U	2.83	0.5 U	0.5 U	0.5 U	12.9	0.5 U
MW-18i	125	07/27/01		0.5 U	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.56	5 U	1.59	1 U	5 U	2.61	0.5 U	0.5 U	0.5 U	13.8	0.5 U
MW-18i	125	10/24/01		0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.51	5 U	1.38	1 U	5 U	3.04	0.5 U	0.5 U	0.5 U	11.7	0.5 U
MW-18i	125	01/11/02		0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.03	1 U	5 U	2.48	0.5 U	0.5 U	0.5 U	7.88	0.5 U
MW-18i	125	06/04/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.27	1 U	5 U	2.34	0.5 U	0.5 U	0.5 U	5.87	0.5 U
MW-18i	125	08/22/02		0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.37	1 U	5 U	1.95	0.5 U	0.5 U	0.5 U	7.22	0.5 U
MW-18i	125	11/22/02		0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.68	1 U	5 U	3.17	0.5 U	0.5 U	0.5 U	22.4	0.5 U
MW-18i	125	02/25/03		0.5 U	1.34	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.83	1 U	5 U	3.76	0.5 U	0.5 U	0.5 U	32.6	0.5 U
MW-18i	125	05/28/03		0.5 U	1.25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.8	1 U	5 U	3.71	0.5 U	0.5 U	0.5 U	24.8	0.5 U
MW-18i	125	08/27/03		0.5 U	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.06	1 U	5 U	3.38	0.5 U	0.5 U	0.5 U	18.8	0.5 U
MW-18i	125	11/12/03		0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.67	1 U	5 U	2.8	0.5 U	0.5 U	0.5 U	13.4	0.5 U
MW-18i	125	01/27/04		0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.87	1 U	5 U	3.14	0.5 U	0.5 U	0.5 U	15.6	0.5 U
MW-18i	125	05/06/04		0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.86	1 U	5 U	2.89	0.5 U	0.5 U	0.5 U	13.2	0.5 U
MW-18i	125	08/25/04		0.5 U	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.94	1 U	5 U	3.27	0.5 U	0.5 U	0.5 U	13.2	0.5 U
MW-18i	125	11/17/04		0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.55	1 U	5 U	3.17	0.5 U	0.5 U	0.5 U	11.5	0.5 U
MW-18i	125	02/15/05		0.5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.48	1 U	5 U	2.75	0.5 U	0.5 U	0.5 U	11.2	0.5 U
MW-18i	125	11/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.91	1 U	5 U	2.21	0.5 U	0.5 U	0.5 U	6.45	0.5 U
MW-18i	125	03/24/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.87	1 U	5 U	2.07	0.5 U	0.5 U	0.5 U	6.76	0.5 U
MW-18i	125	09/08/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.84	1 U	5 U	1.94	0.5 U	0.5 U	0.5 U	6.44	0.5 U
MW-18i	125	02/06/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.75	0.5 U	0.5 U	0.5 U	5.56	0.5 U
MW-19i	125	12/08/00		0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.89	1 U	5 U	3.51	0.5 U	0.5 U	0.5 U	40.3	0.5 U
MW-19i	125	07/27/01		0.5 U	2	0.5 U	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.87	1 U	5 U	5.72	0.5 U	0.5 U	0.5 U	76.8	0.5 U
MW-19i	125	10/30/01		0.5 U	1.47	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.45	1 U	5 U	4.78	0.5 U	0.5 U	0.5 U	57.5	0.5 U
MW-19i	125	01/11/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.82	1 U	5 U	1.54	0.5 U	0.5 U	0.5 U	19.2	0.5 U
MW-19i	125	06/03/02		0.5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.86	1 U	5 U	3.73	0.5 U	0.5 U	0.5 U	39.8	0.5 U
MW-19i	125	08/25/02		0.5 U	2.57	0.5 U	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.88	1 U	5 U	7.56	0.5 U	0.5 U	0.5 U	75	0.5 U
MW-19i	125	11/26/02		0.5 U	2.4	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.26	1 U	5 U	8.05	0.5 U	0.5 U	0.5 U	64.3	0.5 U
MW-19i	125	02/26/03		0.5 U	1.25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.89	1 U	5 U	4.34	0.5 U	0.5 U	0.5 U	42.8	0.5 U
MW-19i	125	05/29/03		0.5 U	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.54	1 U	5 U	8.22	0.5 U	0.5 U	0.5 U	75.1	0.5 U
MW-19i	125	08/28/03		0.5 U	2.35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.47	1 U	5 U	10.5	0.5 U	0.5 U	0.5 U	73.6	0.5 U
MW-19i	125	11/13/03		0.5 U	1.49	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.78	1 U	5 U	6.86	0.5 U	0.5 U	0.5 U	37.4	0.5 U
MW-19i	125	01/29/04		0.5 U	1.27	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.03	1 U	5 U	5.64	0.5 U	0.5 U	0.5 U	38	0.5 U
MW-19i	125	05/06/04		0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.02	1 U	5 U	5.1	0.5 U	0.5 U	0.5 U	25.8	0.5 U
MW-19i	125	08/18/04		0.5 U	1.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.94	1 U	5 U	7.46	0.5 U	0.5 U	0.5 U	46	0.5 U
MW-19i	125	11/18/04		0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.51	1 U	5 U	6.46	0.5 U	0.5 U	0.5 U	43.4	0.5 U
MW-19i	125	02/16/05		0.5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.47	1 U	5 U	6.52	0.5 U	0.5 U	0.5 U	37.6	0.5 U
MW-19i	125	05/19/05		0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.35	1 U	5 U	4.52	0.5 U	0.5 U	0.5 U	22.6	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-19i	125	08/17/05		0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.64	1 U	5 U	6.94	0.5 U	0.5 U	0.5 U	42.2	0.5 U
MW-19i	125	11/18/05		0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.5	1 U	5 U	6.78	0.5 U	0.5 U	0.5 U	44.3	0.5 U
MW-19i	125	03/23/06		0.5 U	0.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.67	1 U	5 U	5.28	0.5 U	0.5 U	0.5 U	29.7	0.5 U
MW-19i	125	06/02/06		0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.94	1 U	5 U	3.77	0.5 U	0.5 U	0.5 U	17.6	0.5 U
MW-19i	125	09/11/06		0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.65	1 U	5 U	4.19	0.5 U	0.5 U	0.5 U	21.5	0.5 U
MW-19i	125	02/05/07		0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.15	1 U	5 U	4.22	0.5 U	0.5 U	0.5 U	17.6	0.5 U
MW-24i	118	07/19/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1.16	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	10/24/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1.07	5 U	0.5 U	1 U	5 U	1.48	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	01/14/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.31	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	1	5 U	0.5 U	1 U	5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	11/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.87	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.92	5 U	0.5 U	1 U	5 U	1.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.94 UB	5 U	0.5 U	1 U	5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.74	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.83	5 U	0.5 U	1 U	5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.86	5 U	0.5 U	1 U	5 U	1.07	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.88 UB	5 U	0.5 U	1 U	5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.8	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.74	5 U	0.5 U	1 U	5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	02/14/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.7 UB	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	11/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.64	5 U	0.5 U	1 U	5 U	1.05	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	03/21/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.69	5 U	0.5 U	1 U	5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	118	02/06/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.56	5 U	0.5 U	1 U	5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	07/19/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.83	5 U	0.5 U	1 U	5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	10/24/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.82	5 U	0.5 U	1 U	5 U	0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	02/04/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.87	0.5 U
MW-26i	108	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.8	5 U	0.5 U	1 U	5 U	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.92	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.85	0.5 U
MW-26i	108	11/20/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.84	5 U	0.5 U	1 U	5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.8	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.5 U
MW-26i	108	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.78 UB	5 U	0.5 U	1 U	5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.71	5 U	0.5 U	1 U	5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.7	5 U	0.5 U	1 U	5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.68	5 U	0.5 U	1 U	5 U	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.64 UB	5 U	0.5 U	1 U	5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.77	5 U	0.5 U	1 U	5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.62	5 U	0.5 U	1 U	5 U	0.58	0.5 U	0.5 U	0.5 U	0.54	0.5 U
MW-26i	108	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.54	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.69	0.5 U
MW-26i	108	11/28/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.68	5 U	0.5 U	1 U	5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	108	03/21/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.59	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.59	0.5 U
MW-26i	108	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.73	0.5 U
MW-28i	80	07/23/01		0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.96	1 U	5 U	3.79	0.5 U	0.5 U	0.5 U	66.8	0.5 U
MW-28i	80	10/22/01	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.62	1 U	5 U	1.08	0.5 U	0.5 U	0.5 U	3.76	0.5 U
MW-28i	80	10/22/01	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.68	1 U	5 U	1.03	0.5 U	0.5 U	0.5 U	3.81	0.5 U
MW-28i	80	01/31/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	1.03	0.5 U	0.5 U	0.5 U	6.67	0.5 U
MW-28i	80	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U	1.56	0.5 U	0.5 U	0.5 U	6.02	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-28i	80	08/28/02		1 U	5.88	1 U	1 U	1.28	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	7.52	2 U	10 U	18	1 U	1 U	1 U	198	1 U
MW-28i	80	11/19/02		0.5 U	1.49	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.35	1 U	5 U	6.56	0.5 U	0.5 U	0.5 U	58	0.5 U
MW-28i	80	02/26/03		0.5 U	2.81	0.5 U	0.71	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.75	1 U	5 U	12.4	0.5 U	0.5 U	0.5 U	127	0.5 U
MW-28i	80	05/28/03		0.5 U	0.86	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.23	1 U	5 U	7.78	0.5 U	0.5 U	0.5 U	51	0.5 U
MW-28i	80	08/28/03		0.5 U	3.31	0.5 U	0.69	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.46	1 U	5 U	17.3	0.5 U	0.5 U	0.5 U	142	0.5 U
MW-28i	80	11/12/03		0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.23	1 U	5 U	6.75	0.5 U	0.5 U	0.5 U	35.6	0.5 U
MW-28i	80	01/28/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.69	1 U	5 U	4.71	0.5 U	0.5 U	0.5 U	11.9	0.5 U
MW-28i	80	05/06/04	DP	0.5 U	4.19	0.5 U	0.56	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.32	1 U	5 U	18.8	0.5 U	0.5 U	0.5 U	118	0.5 U
MW-28i	80	05/06/04	D	0.5 U	4.09	0.5 U	0.57	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.3	1 U	5 U	17.6	0.5 U	0.5 U	0.5 U	116	0.5 U
MW-28i	80	08/25/04		0.5 U	2.12	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.39	1 U	5 U	13.8	0.5 U	0.5 U	0.5 U	72	0.5 U
MW-28i	80	11/17/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.91	1 U	5 U	5.44	0.5 U	0.5 U	0.5 U	15.6	0.5 U
MW-28i	80	02/10/05		0.5 U	0.61	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.85	1 U	5 U	8.61	0.5 U	0.5 U	0.5 U	33.2	0.5 U
MW-28i	80	05/19/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.64	1 U	5 U	2.64	0.5 U	0.5 U	0.5 U	4.97	0.5 U
MW-28i	80	08/17/05		0.5 U	3.25	0.5 U	0.8	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.23	1 U	5 U	25.3	0.5 U	0.5 U	0.5 U	160	0.5 U
MW-28i	80	11/21/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.63	1 U	5 U	5.32	0.5 U	0.5 U	0.5 U	15.1	0.5 U
MW-28i	80	03/21/06	DP	0.5 U	2.75	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.9	1 U	5 U	13.5	0.5 U	0.5 U	0.5 U	60.4	0.5 U
MW-28i	80	03/21/06	D	0.5 U	2.72	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.87	1 U	5 U	13.2	0.5 U	0.5 U	0.5 U	61.3	0.5 U
MW-28i	80	06/06/06		0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.12	1 U	5 U	5.65	0.5 U	0.5 U	0.5 U	20.8	0.5 U
MW-28i	80	09/08/06		0.5 U	1.35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.29	1 U	5 U	6.99	0.5 U	0.5 U	0.5 U	30.6	0.5 U
MW-28i	80	02/08/07	DP	0.5 U	1.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.15	1 U	5 U	9.44	0.5 U	0.5 U	0.5 U	42.9	0.5 U
MW-28i	80	02/08/07	D	0.5 U	1.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.43	1 U	5 U	9.96	0.5 U	0.5 U	0.5 U	44.8	0.5 U
MW-29i	120	07/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	11/06/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	01/11/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	06/21/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	11/28/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	03/23/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	120	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30i	80	03/04/03		0.5 U	0.73	0.5 U	1.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.7	1 U	5 U	26.6	0.5 U	0.5 U	0.5 U	13.7	0.5 U
MW-30i	80	05/28/03		0.5 U	0.65	0.5 U	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.7	1 U	5 U	22.6	0.5 U	0.5 U	0.5 U	12.7	0.5 U
MW-30i	80	08/26/03		0.5 U	0.81	0.5 U	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.8	1 U	5 U	31.6	0.5 U	0.5 U	0.5 U	19	0.5 U
MW-30i	80	11/11/03		0.5 U	0.6	0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.4	1 U	5 U	24.7	0.5 U	0.5 U	0.5 U	12.8	0.5 U
MW-30i	80	01/27/04		0.5 U	0.5 U	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.21	1 U	5 U	13.2	0.5 U	0.5 U	0.5 U	6.17	0.5 U
MW-30i	80	05/04/04		0.5 U	0.56	0.5 U	1.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.1	1 U	5 U	22.2	0.5 U	0.5 U	0.5 U	11.6	0.5 U
MW-30i	80	08/25/04		0.5 U	0.62	0.5 U	0.96	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	9.82	1 U	5 U	22.1	0.5 U	0.5 U	0.5 U	11.2	0.5 U
MW-30i	80	11/16/04	DP	0.5 U	0.5 U	0.5 U	0.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.82	1 U	5 U	17	0.5 U	0.5 U	0.5 U	9.7	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-30i	80	11/16/04	D	0.5 U	0.5 U	0.5 U	0.99	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.88	1 U	5 U	16.9	0.5 U	0.5 U	0.5 U	9.36	0.5 U
MW-30i	80	02/10/05		0.5 U	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5	1 U	5 U	9.51	0.5 U	0.5 U	0.5 U	4.6	0.5 U
MW-30i	80	11/16/05		0.5 U	0.5 U	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.7	1 U	5 U	10.9	0.5 U	0.5 U	0.5 U	6.65	0.5 U
MW-30i	80	03/20/06		0.5 U	0.5 U	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.43	1 U	5 U	13.6	0.5 U	0.5 U	0.5 U	8.68	0.5 U
MW-30i	80	09/06/06		0.5 U	0.5 U	0.5 U	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.38	1 U	5 U	12.6	0.5 U	0.5 U	0.5 U	8.54	0.5 U
MW-30i	80	02/07/07		0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.45	1 U	5 U	10.3	0.5 U	0.5 U	0.5 U	6.57	0.5 U
MW-31i	80	03/04/03		0.5 U	1.02	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.5	1 U	5 U	47.7	0.5 U	0.5 U	0.5 U	23.7	0.5 U
MW-31i	80	05/27/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.45	1 U	5 U	18.5	0.5 U	0.5 U	0.5 U	9.89	0.5 U
MW-31i	80	08/27/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.55	1 U	5 U	22.8	0.5 U	0.5 U	0.5 U	12.5	0.5 U
MW-31i	80	11/11/03		0.5 U	0.58	0.5 U	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.28	1 U	5 U	27.4	0.5 U	0.5 U	0.5 U	14.2	0.5 U
MW-31i	80	01/28/04		0.5 U	1.66	0.5 U	1.89	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	27.4	1 U	5 U	70.1	0.5 U	0.62	0.5 U	42.5	0.5 U
MW-31i	80	05/07/04		0.5 U	0.76	0.5 U	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.2	1 U	5 U	34.7	0.5 U	0.5 U	0.5 U	20	0.5 U
MW-31i	80	08/25/04		0.5 U	0.87	0.5 U	0.94	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.4	1 U	5 U	32.1	0.5 U	0.5 U	0.5 U	20.9	0.5 U
MW-31i	80	11/19/04		0.5 U	1.33	0.5 U	1.63	0.83	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	23.1	1 U	5 U	59.2	0.5 U	0.5 U	0.5 U	38.3	0.5 U
MW-31i	80	02/16/05		0.5 U	1.55	0.5 U	2.22	1.19	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	32.8	1 U	5 U	69.7	0.5 U	0.5 U	0.5 U	46.1	0.5 U
MW-31i	80	05/20/05		0.5 U	1.67	0.5 U	2.71	1.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	44.7	1 U	5 U	69.7	0.5 U	0.5 U	0.5 U	51.9	0.5 U
MW-31i	80	08/19/05		0.5 U	0.86	0.5 U	1.47	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	20.9	1 U	5 U	41.3	0.5 U	0.73	0.5 U	30.5	0.5 U
MW-31i	80	11/17/05		0.5 U	1.03	0.5 U	1.7	0.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	26.6	1 U	5 U	47.7	0.5 U	0.83	0.5 U	34.5	0.5 U
MW-31i	80	03/24/06		0.5 U	0.6	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11	1 U	5 U	29.1	0.5 U	1.5	0.5 U	20.1	0.5 U
MW-31i	80	06/02/06		0.5 U	0.5 U	0.5 U	1.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	15.9	1 U	5 U	28.9	0.5 U	1.84	0.5 U	17.3	0.5 U
MW-31i	80	09/06/06		0.5 U	0.53	0.5 U	0.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U	22.8	0.5 U	0.6	0.5 U	17	0.5 U
MW-31i	80	02/07/07		0.5 U	0.5 U	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.4	1 U	5 U	25.9	0.5 U	0.5 U	0.5 U	18.1	0.5 U
MW-32i	65	08/19/04		0.5 U	3.59	0.5 U	5.15	2.37	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	78	1 U	5 U	152	0.5 U	2.13	0.5 U	114	0.5 U
MW-32i	65	10/30/04		0.5 U	3.93	0.5 U	7.07	3.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	103	1 U	5 U	148	0.5 U	3.29	0.5 U	129	0.5 U
MW-32i	65	02/17/05		0.5 U	3.78	0.5 U	6.58	3.18	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	111	1 U	5 U	166	0.5 U	2.39	0.5 U	135	0.5 U
MW-32i	65	05/20/05		1 U	5.34	1 U	11.7	5.42	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	178	2 U	10 U	212	1 U	3.56	1 U	171	1 U
MW-32i	65	08/19/05		0.5 U	3.5	0.5 U	7.38	3.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	111	1 U	5 U	173	0.5 U	3.81	0.5 U	140	0.5 U
MW-32i	65	11/18/05		0.5 U	3.89	0.5 U	8.45	4.03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	136	1 U	5 U	176	0.5 U	3.66	0.5 U	151	0.5 U
MW-32i	65	03/24/06		0.5 U	1.31	0.5 U	2.43	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	40	1 U	5 U	73.2	0.5 U	1.57	0.5 U	53	0.5 U
MW-32i	65	06/02/06	DP	0.5 U	1.79	0.5 U	4.39	2.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	97.3	1 U	5 U	106	0.5 U	1.06	0.5 U	71	0.5 U
MW-32i	65	06/02/06	D	0.5 U	1.75	0.5 U	4.42	2.24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	95.4	1 U	5 U	104	0.5 U	1.69	0.5 U	69.9	0.5 U
MW-32i	65	09/06/06		0.5 U	0.67	0.5 U	1.52	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	24.1	1 U	5 U	39.2	0.5 U	0.64	0.5 U	26.1	0.5 U
MW-32i	65	02/07/07		0.5 U	1.1	0.5 U	2.94	1.43	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	57.7	1 U	5 U	68.4	0.5 U	0.71	0.5 U	52.8	0.5 U
MW-33i	80	08/24/04		0.5 U	0.89	0.5 U	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12	1 U	5 U	30.7	0.5 U	0.5 U	0.5 U	19.3	0.5 U
MW-33i	80	10/30/04		0.5 U	0.88	0.5 U	1.29	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	16	1 U	5 U	33.2	0.5 U	0.5 U	0.5 U	22.5	0.5 U
MW-33i	80	02/15/05		0.5 U	0.78	0.5 U	1.17	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	14.6	1 U	5 U	28.7	0.5 U	0.5 U	0.5 U	19.2	0.5 U
MW-33i	80	05/23/05		0.5 U	0.69	0.5 U	1.81	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	25	1 U	5 U	29	0.5 U	0.5 U	0.5 U	18.7	0.5 U
MW-33i	80	08/17/05		0.5 U	0.62	0.5 U	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.4	1 U	5 U	23	0.5 U	0.5 U	0.5 U	16	0.5 U
MW-33i	80	11/17/05		0.5 U	0.77	0.5 U	1.47	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	18.9	1 U	5 U	30.3	0.5 U	0.75	0.5 U	22.2	0.5 U
MW-33i	80	03/24/06		0.5 U	0.58	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.48	1 U	5 U	19.2	0.5 U	0.5 U	0.5 U	16.1	0.5 U
MW-33i	80	06/01/06		0.5 U	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.79	1 U	5 U	9.94	0.5 U	0.5 U	0.5 U	6.03	0.5 U
MW-33i	80	09/05/06		0.5 U	0.62	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.02	1 U	5 U	16.8	0.5 U	0.5 U	0.5 U	15	0.5 U
MW-33i	80	02/07/07		0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.28	1 U	5 U	16.3	0.5 U	0.5 U	0.5 U	14.8	0.5 U
MW-34i	100	10/29/04		0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.14	1 U	5 U	6.64	0.5 U	0.5 U	0.5 U	3.6	0.5 U
MW-34i	100	02/09/05		0.5 U	0.5 U	0.5 U	0.76	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.22	1 U	5 U	9.49	0.5 U	0.5 U	0.5 U	5.04	0.5 U
MW-34i	100	05/18/05		0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.52	1 U	5 U	9.63	0.5 U	0.5 U	0.5 U	3.4	0.5 U
MW-34i	100	08/17/05		0.5 U	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.31	1 U	5 U	11.7	0.5 U	0.5 U	0.5 U	5.39	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-34i	100	11/17/05		0.5 U	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.89	1 U	5 U	8.71	0.5 U	0.5 U	0.5 U	3.74	0.5 U
MW-34i	100	03/21/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.9	1 U	5 U	7.12	0.5 U	0.5 U	0.5 U	3.36	0.5 U
MW-34i	100	06/06/06		0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.14	1 U	5 U	7.4	0.5 U	0.5 U	0.5 U	3.3	0.5 U
MW-34i	100	09/08/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.26	1 U	5 U	5.7	0.5 U	0.5 U	0.5 U	2.53	0.5 U
MW-34i	100	02/06/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.23	1 U	5 U	6.09	0.5 U	0.5 U	0.5 U	2.52	0.5 U
MW-35i	117	10/30/04		0.5 U	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.62	1 U	5 U	8.09	0.5 U	0.5 U	0.5 U	29.4	0.5 U
MW-35i	117	02/15/05		0.5 U	1.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.11	1 U	5 U	8.67	0.5 U	0.5 U	0.5 U	48.1	0.5 U
MW-35i	117	05/20/05		0.5 U	1.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.14	1 U	5 U	8.71	0.5 U	0.5 U	0.5 U	47.2	0.5 U
MW-35i	117	08/18/05		0.5 U	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.04	1 U	5 U	7.96	0.5 U	0.5 U	0.5 U	37.9	0.5 U
MW-35i	117	11/17/05		0.5 U	1.17	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.64	1 U	5 U	6.26	0.5 U	0.5 U	0.5 U	34.4	0.5 U
MW-35i	117	03/23/06		0.5 U	1.22	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.09	1 U	5 U	6.83	0.5 U	0.5 U	0.5 U	39.5	0.5 U
MW-35i	117	06/01/06		0.5 U	1.11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.78	1 U	5 U	6.55	0.5 U	0.5 U	0.5 U	31.5	0.5 U
MW-35i	117	09/08/06		0.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.76	1 U	5 U	4.56	0.5 U	0.5 U	0.5 U	22.7	0.5 U
MW-35i	117	02/06/07		0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.37	1 U	5 U	4.37	0.5 U	0.5 U	0.5 U	21.2	0.5 U
MW-36i	100	10/29/04		0.5 U	3.9	0.5 U	0.55	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.91	1 U	5 U	16.6	0.5 U	0.5 U	0.5 U	119	0.5 U
MW-36i	100	02/17/05		0.5 U	4.68	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.39	1 U	5 U	22.1	0.5 U	0.5 U	0.5 U	144	0.5 U
MW-36i	100	05/23/05		0.5 U	1.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.57	1 U	5 U	13	0.5 U	0.5 U	0.5 U	58.2	0.5 U
MW-36i	100	08/19/05		0.5 U	2.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.49	1 U	5 U	12.2	0.5 U	0.5 U	0.5 U	66	0.5 U
MW-36i	100	11/18/05		0.5 U	3.03	0.5 U	0.59	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.5	1 U	5 U	19.2	0.5 U	0.5 U	0.5 U	134	0.5 U
MW-36i	100	03/21/06		0.5 U	1.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.59	1 U	5 U	10.1	0.5 U	0.5 U	0.5 U	32.2	0.5 U
MW-36i	100	06/01/06		0.5 U	1.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.35	1 U	5 U	9.38	0.5 U	0.5 U	0.5 U	40.9	0.5 U
MW-36i	100	09/05/06		0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.6	1 U	5 U	3.63	0.5 U	0.5 U	0.5 U	13	0.5 U
MW-36i	100	02/08/07		0.5 U	1.22	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	1.71	1 U	5 U	6.31	0.5 U	0.5 U	0.5 U	20.9	0.5 U
MW-37i	120	09/24/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	39	0.5 U
MW-37i	120	10/29/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.86 UB	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	30.3	0.5 U
MW-37i	120	02/15/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.51 UB	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	37.4	0.5 U
MW-37i	120	05/19/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	33.7	0.5 U
MW-37i	120	08/18/05	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	36.2	0.5 U
MW-37i	120	08/18/05	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	36.4	0.5 U
MW-37i	120	11/17/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	33.5	0.5 U
MW-37i	120	03/23/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	34	0.5 U
MW-37i	120	06/02/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	36.4	0.5 U
MW-37i	120	09/08/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	33.5	0.5 U
MW-37i	120	02/05/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	34.4	0.5 U
MW-38i	150	11/22/04		0.5 U	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.78 UB	5 U	1.88	1 U	5 U	2.78	0.5 U	0.5 U	0.5 U	14.8	0.5 U
MW-38i	150	02/14/05		0.5 U	1.49	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.73 UB	5 U	2.69	1 U	5 U	2.93	0.5 U	0.5 U	0.5 U	17.6	0.5 U
MW-38i	150	05/19/05		0.5 U	1.8	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.86 UB	5 U	3.36	1 U	5 U	4.26	0.5 U	0.5 U	0.5 U	23.5	0.5 U
MW-38i	150	08/18/05		0.5 U	1.51	0.5 U	0.5 U	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.83 UB	5 U	3.12	1 U	5 U	3.31	0.5 U	0.5 U	0.5 U	23	0.5 U
MW-38i	150	11/17/05		0.5 U	1.58	0.5 U	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.85	5 U	3.36	1 U	5 U	3.25	0.5 U	0.5 U	0.5 U	23.3	0.5 U
MW-38i	150	03/21/06		0.5 U	1.73	0.5 U	0.61	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.79	5 U	3.41	1 U	5 U	3.09	0.5 U	0.5 U	0.5 U	31.3	0.5 U
MW-38i	150	06/01/06		0.5 U	1.63	0.5 U	0.57	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.7	5 U	3.45	1 U	5 U	3.19	0.5 U	0.5 U	0.5 U	30	0.5 U
MW-38i	150	09/08/06		0.5 U	1.24	0.5 U	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.64	5 U	2.93	1 U	5 U	2.98	0.5 U	0.5 U	0.5 U	22	0.5 U
MW-38i	150	02/08/07		0.5 U	0.92	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.63	5 U	2.5	1 U	5 U	2.88	0.5 U	0.5 U	0.5 U	20.6	0.5 U
Deep Monitoring Wells																										
MW-01d	216	05/22/98		0.5 U	2.88	0.5 U	0.843	2.29	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	8.07	0.5 U	5 U	5.63	2.54	0.5 U	0.5 U	25.1	1 U
MW-01d	216	04/30/99		0.5 U	5.59	0.5 U	1.82	1.36	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	8.01	0.5 U	10 U	5.19	0.5 U	0.5 U	0.5 U	26.7	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-01d	216	11/20/00	DP	0.5 U	3.81	0.5 U	1.48	1.39	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.27	1 U	5 U	6.33	0.55 UB	0.5 U	0.5 U	27.5	0.82
MW-01d	216	11/20/00	D	0.5 U	3.47	0.5 U	1.44	1.27	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	8.12	1 U	5 U	5.82	0.66 UB	0.5 U	0.5 U	25.7	0.74
MW-01d	216	07/23/01		0.5 U	5.04	0.5 U	1.98	1.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.9	1 U	5 U	8.28	0.5 U	0.5 U	0.5 U	35.4	1.29
MW-01d	216	10/26/01		0.5 U	4.9	0.5 U	2.01	1.93	0.5 U	0.81	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U	7.99	0.5 U	0.5 U	0.5 U	39	1.32
MW-01d	216	01/17/02		0.5 U	4.1	0.5 U	1.88	2.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	10.9	1 U	5 U	8.69	0.5 U	0.5 U	0.5 U	37.1	0.95
MW-01d	216	06/01/02		0.5 U	4.42	0.5 U	1.99	1.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.4	1 U	5 U	6.48	0.5 U	0.5 U	0.5 U	34.4	1.04
MW-01d	216	08/22/02		0.5 U	5.03	0.5 U	2.3	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.1	1 U	5 U	6.5	0.5 U	0.5 U	0.5 U	38.5	1.32
MW-01d	216	11/25/02		0.5 U	4.98	0.5 U	2.33	2.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.6	1 U	5 U	7.38	0.5 U	0.5 U	0.5 U	40.2	1.62
MW-01d	216	02/26/03		0.5 U	5.32	0.5 U	2.19	2.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.4	1 U	5 U	6.55	0.5 U	0.5 U	0.5 U	41	1.26
MW-01d	216	05/28/03		0.5 U	5.74	0.5 U	2.33	2.38	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.9	1 U	5 U	8.57	0.5 U	0.5 U	0.5 U	51.3	1.64
MW-01d	216	08/27/03	DP	0.5 U	4.88	0.5 U	1.97	2.24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.5	1 U	5 U	8.26	0.5 U	0.5 U	0.5 U	48.7	1.22
MW-01d	216	08/27/03	D	0.5 U	5.26	0.5 U	2.04	2.29	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.7	1 U	5 U	8.45	0.5 U	0.5 U	0.5 U	51.1	1.22
MW-01d	216	11/12/03		0.5 U	4.61	0.5 U	2	1.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.2	1 U	5 U	6.04	0.5 U	0.5 U	0.5 U	37.1	1.15
MW-01d	216	01/28/04		0.5 U	4.81	0.5 U	2.17	2.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.2	1 U	5 U	7.1	0.5 U	0.5 U	0.5 U	40	1.44
MW-01d	216	05/07/04		0.5 U	4.9	0.5 U	2.19	2.36	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.5	1 U	5 U	6.43	0.5 U	0.5 U	0.5 U	41	1.29
MW-01d	216	08/18/04		0.5 U	5.8	0.5 U	2.56	2.47	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.2	1 U	5 U	7.01	0.5 U	0.5 U	0.5 U	44.5	1.67
MW-01d	216	11/18/04		0.5 U	4.67	0.5 U	2.23	2.41	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.6	1 U	5 U	6.63	0.5 U	0.5 U	0.5 U	40.9	1.32
MW-01d	216	02/16/05		0.5 U	4.33	0.5 U	2.13	2.37	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.9	1 U	5 U	5.15	0.5 U	0.5 U	0.5 U	34.2	1.21
MW-01d	216	11/17/05		0.5 U	4.47	0.5 U	2.35	2.41	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	13.5	1 U	5 U	4.9	0.5 U	0.5 U	0.5 U	36.4	1.23
MW-01d	216	03/24/06		0.5 U	4.21	0.5 U	2.09	2.38	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.2	1 U	5 U	4.75	0.5 U	0.5 U	0.5 U	37.1	1.11
MW-01d	216	06/05/06		0.5 U	4.41	0.5 U	2.22	2.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	12.7	1 U	5 U	6.29	0.5 U	0.5 U	0.5 U	40.5	1.23
MW-01d	216	09/11/06		0.5 U	4.06	0.5 U	2.02	2.36	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.8	1 U	5 U	4.45	0.5 U	0.5 U	0.5 U	34.6	1.01
MW-01d	216	02/08/07		0.5 U	3.2	0.5 U	1.83	2.44	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	11.7	1 U	5 U	4.76	0.5 U	0.5 U	0.5 U	34	0.97
MW-02d	212	04/28/99		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	11/09/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	07/24/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	10/15/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	01/16/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	11/25/02	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	11/25/02	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	01/30/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	11/16/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	03/23/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	06/07/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-02d	212	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	04/28/99		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	11/08/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-04d	227	07/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	10/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	01/31/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	11/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	03/24/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	06/07/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-04d	227	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-05d	222	05/22/98		0.5 U	0.895	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1 U	2.39	0.5 U	5 U	1.28	0.5 U	0.5 U	0.5 U	6.28	1 U
MW-05d	222	04/30/99		0.5 U	1.64	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	2.54	0.5 U	10 U	1.22	0.5	0.5 U	0.5 U	5.22	0.5 U
MW-05d	222	11/15/00		0.5 U	2.62	0.5 U	1.13	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.95	1 U	5 U	4.72	0.5 U	0.5 U	0.5 U	18.9	0.5 U
MW-05d	222	07/23/01		1 U	2.94	1 U	1.24	1.42	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	7.1	2 U	10 U	11.5	1 U	1 U	1 U	216	1 U
MW-05d	222	10/30/01		0.5 U	2.8	0.5 U	1.23	1.08	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.49	1 U	5 U	5.6	0.5 U	0.5 U	0.5 U	24.3	0.5 U
MW-05d	222	01/25/02		0.5 U	2.63	0.5 U	1.03	0.98	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.31	1 U	5 U	7.12	0.5 U	0.5 U	0.5 U	148	0.5 U
MW-05d	222	06/03/02		0.5 U	1.98	0.5 U	0.99	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.3	1 U	5 U	5.94	0.5 U	0.5 U	0.5 U	83	0.5 U
MW-05d	222	08/23/02		0.5 U	2.24	0.5 U	1.14	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.95	1 U	5 U	5.03	0.5 U	0.5 U	0.5 U	54.8	0.5 U
MW-05d	222	11/25/02		0.5 U	2.46	0.5 U	1.17	1.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.81	1 U	5 U	5.19	0.5 U	0.5 U	0.5 U	27.4	0.5 U
MW-05d	222	02/25/03	DP	1 U	2.42	1 U	1.16	1.02	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.76	2 U	10 U	6.82	1 U	1 U	1 U	185	1 U
MW-05d	222	02/25/03	D	1 U	2.64	1 U	1.1	1.04	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.76	2 U	10 U	7.2	1 U	1 U	1 U	201	1 U
MW-05d	222	05/28/03		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.75	5 U	25 U	24.1	2.5 U	2.5 U	2.5 U	588	2.5 U
MW-05d	222	08/27/03		1 U	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	5.48	2 U	10 U	13.1	1 U	1 U	1 U	268	1 U
MW-05d	222	11/14/03		0.5 U	2.06	0.5 U	0.97	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.61	1 U	5 U	7.82	0.5 U	0.5 U	0.5 U	137	0.5 U
MW-05d	222	01/29/04		0.5 U	2.16	0.5 U	1.03	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.03	1 U	5 U	5.77	0.5 U	0.5 U	0.5 U	58.4	0.5 U
MW-05d	222	05/07/04	DP	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.05	5 U	25 U	26.9	2.5 U	2.5 U	2.5 U	585	2.5 U
MW-05d	222	05/07/04	D	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.15	5 U	25 U	25.2	2.5 U	2.5 U	2.5 U	562	2.5 U
MW-05d	222	08/25/04	DP	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.35	5 U	25 U	24	2.5 U	2.5 U	2.5 U	415	2.5 U
MW-05d	222	08/25/04	D	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	6.15	5 U	25 U	21.8	2.5 U	2.5 U	2.5 U	364	2.5 U
MW-05d	222	11/19/04		0.5 U	1.98	0.5 U	0.96	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.35	1 U	5 U	11.7	0.5 U	0.5 U	0.5 U	139	0.5 U
MW-05d	222	02/16/05		0.5 U	1.72	0.5 U	0.94	0.96	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.12	1 U	5 U	10.6	0.5 U	0.5 U	0.5 U	137	0.5 U
MW-05d	222	05/20/05		1 U	2.36	1 U	1.22	1.1	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	10 U	8.16	2 U	10 U	16.2	1 U	1 U	1 U	213	1 U
MW-05d	222	08/19/05		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	6.6	10 U	50 U	53.2	5 U	5 U	5 U	1100	5 U
MW-05d	222	11/21/05		0.5 U	1.41	0.5 U	0.9	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.32	1 U	5 U	4.97	0.5 U	0.5 U	0.5 U	127	0.5 U
MW-05d	222	03/22/06		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	8	10 U	50 U	35	5 U	5 U	5 U	1530	5 U
MW-05d	222	06/07/06		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	8.7	10 U	50 U	40.3	5 U	5 U	5 U	1310	5 U
MW-05d	222	09/11/06		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	250 U	25 U	50 U	250 U	233	25 U	25 U	25 U	8770	25 U
MW-05d	222	09/11/06		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	50 U	100 U	500 U	182	50 U	50 U	50 U	6450	50 U
MW-05d	222	09/29/06		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	100 U	13.6	20 U	100 U	56.2	10 U	10 U	10 U	3040	10 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-05d	222	09/29/06		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	11.2	10 U	50 U	49.6	5 U	5 U	5 U	1690	5 U
MW-05d	222	11/02/06		1 U	1.49	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	5.96	1 U	5 U	7.51	1 U	1 U	1 U	63	1 U
MW-05d	222	11/03/06		0.5 U	1.27	0.5 U	0.83	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.5	1 U	5 U	5.51	0.5 U	0.5 U	0.5 U	34.6	0.5 U
MW-05dR	221	12/13/06		0.5 U	1.09	0.5 U	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.29	1 U	5 U	3.43	0.5 U	0.5 U	0.5 U	13.9	0.5 U
MW-05dR	221	02/12/07		0.5 U	1.02	0.5 U	0.79	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.81	1 U	5 U	3.35	0.5 U	0.5 U	0.5 U	14	0.5 U
MW-12d	211	04/27/99		0.5 U	1.86	0.5 U	0.66	0.77	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	4.16	0.5 U	10 U	3.33	0.5 U	0.5 U	0.5 U	12.8	0.5 U
MW-12d	211	11/16/00		0.5 U	2.08	0.5 U	0.98	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.6	1 U	5 U	5.61	0.5 U	0.5 U	0.5 U	18	0.5 U
MW-12d	211	07/23/01		0.5 U	1.81	0.5 U	0.96	0.77	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.59	1 U	5 U	6.69	0.5 U	0.5 U	0.5 U	18.2	0.5 U
MW-12d	211	10/25/01		0.5 U	1.72	0.5 U	0.84	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.12	1 U	5 U	6.41	0.5 U	0.5 U	0.5 U	19	0.5 U
MW-12d	211	01/23/02		0.5 U	1.78	0.5 U	0.9	0.95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.16	1 U	5 U	5.26	0.5 U	0.5 U	0.5 U	19.9	0.5 U
MW-12d	211	06/01/02		0.5 U	1.06	0.5 U	0.69	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.33	1 U	5 U	4.41	0.5 U	0.5 U	0.5 U	13.2	0.5 U
MW-12d	211	08/23/02		0.5 U	1.72	0.5 U	0.98	0.85	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.23	1 U	5 U	5.1	0.5 U	0.5 U	0.5 U	18.9	0.5 U
MW-12d	211	11/25/02		0.5 U	1.7	0.5 U	0.96	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	7.11	1 U	5 U	6.23	0.5 U	0.5 U	0.5 U	19.9	0.5 U
MW-12d	211	02/25/03		0.5 U	1.51	0.5 U	0.86	0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.54	1 U	5 U	5.03	0.5 U	0.5 U	0.5 U	18.8	0.5 U
MW-12d	211	05/27/03		0.5 U	1.77	0.5 U	0.89	0.73	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.43	1 U	5 U	5.58	0.5 U	0.5 U	0.5 U	20	0.5 U
MW-12d	211	08/26/03		0.5 U	1.45	0.5 U	0.81	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.96	1 U	5 U	5.98	0.5 U	0.5 U	0.5 U	20.8	0.5 U
MW-12d	211	11/12/03		0.5 U	1.51	0.5 U	0.79	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.67	1 U	5 U	4.56	0.5 U	0.5 U	0.5 U	16.7	0.5 U
MW-12d	211	01/28/04		0.5 U	1.64	0.5 U	0.93	0.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.2	1 U	5 U	5.98	0.5 U	0.5 U	0.5 U	18.2	0.5 U
MW-12d	211	05/06/04		0.5 U	1.32	0.5 U	0.79	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.76	1 U	5 U	4.82	0.5 U	0.5 U	0.5 U	16	0.5 U
MW-12d	211	08/18/04		0.5 U	1.95	0.5 U	1.07	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	6.9	1 U	5 U	5.57	0.5 U	0.5 U	0.5 U	20.7	0.5 U
MW-12d	211	11/18/04		0.5 U	1.24	0.5 U	0.78	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.79	1 U	5 U	4.68	0.5 U	0.5 U	0.5 U	16.6	0.5 U
MW-12d	211	02/15/05	DP	0.5 U	1.33	0.5 U	0.76	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.49	1 U	5 U	4.05	0.5 U	0.5 U	0.5 U	15.5	0.5 U
MW-12d	211	02/15/05	D	0.5 U	1.29	0.5 U	0.74	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.56	1 U	5 U	4.15	0.5 U	0.5 U	0.5 U	15.9	0.5 U
MW-12d	211	11/17/05		0.5 U	1.12	0.5 U	0.75	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.6	1 U	5 U	3.94	0.5 U	0.5 U	0.5 U	14.1	0.5 U
MW-12d	211	03/24/06		0.5 U	1.06	0.5 U	0.69	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.27	1 U	5 U	4.26	0.5 U	0.5 U	0.5 U	15.7	0.5 U
MW-12d	211	06/06/06		0.5 U	0.96	0.5 U	0.68	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.24	1 U	5 U	4.7	0.5 U	0.5 U	0.5 U	14	0.5 U
MW-12d	211	09/11/06		0.5 U	1.06	0.5 U	0.67	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.26	1 U	5 U	3.92	0.5 U	0.5 U	0.5 U	14.3	0.5 U
MW-12d	211	02/08/07		0.5 U	0.81	0.5 U	0.65	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.86	1 U	5 U	4.69	0.5 U	0.5 U	0.5 U	15	0.5 U
MW-13d	257	11/07/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	07/16/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	10/17/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	01/12/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	02/11/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	11/22/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	03/24/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-13d	257	06/07/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-13d	257	02/07/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-14d	216	11/17/00		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	1.91	0.5 U	10 U	2.34	0.5 U	0.5 U	0.5 U	7.17	1 U
MW-14d	216	07/20/01	DP	0.5 U	1.42	0.5 U	0.73	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.99	1 U	5 U	3.85	0.5 U	0.5 U	0.5 U	12.2	0.5 U
MW-14d	216	07/20/01	D	0.5 U	1.45	0.5 U	0.64	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.15	1 U	5 U	4.07	0.5 U	0.5 U	0.5 U	13	0.5 U
MW-14d	216	10/25/01		0.5 U	1.58	0.5 U	0.73	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.63	1 U	5 U	3.91	0.5 U	0.5 U	0.5 U	12.5	0.5 U
MW-14d	216	01/18/02		0.5 U	1.11	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.9	1 U	5 U	3.66	0.5 U	0.5 U	0.5 U	10.8	0.5 U
MW-14d	216	06/01/02		0.5 U	0.9	0.5 U	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.01	1 U	5 U	2.38	0.5 U	0.5 U	0.5 U	8.31	0.5 U
MW-14d	216	08/22/02		0.5 U	1.18	0.5 U	0.69	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.86	1 U	5 U	3.14	0.5 U	0.5 U	0.5 U	11.7	0.5 U
MW-14d	216	11/25/02	DP	0.5 U	1.3	0.5 U	0.67	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.9	1 U	5 U	3.44 UB	0.5 U	0.5 U	0.5 U	11.8	0.5 U
MW-14d	216	11/25/02	D	0.5 U	1.19	0.5 U	0.69	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.57	1 U	5 U	3.15 UB	0.5 U	0.5 U	0.5 U	10.7 UB	0.5 U
MW-14d	216	02/25/03		0.5 U	1.22	0.5 U	0.64	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.75	1 U	5 U	3.15	0.5 U	0.5 U	0.5 U	12.1	0.5 U
MW-14d	216	05/27/03		0.5 U	1.19	0.5 U	0.7	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4	1 U	5 U	3.27	0.5 U	0.5 U	0.5 U	12	0.5 U
MW-14d	216	08/26/03		0.5 U	1.03	0.5 U	0.61	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.52	1 U	5 U	3.73	0.5 U	0.5 U	0.5 U	14	0.5 U
MW-14d	216	11/11/03		0.5 U	0.76	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.24	1 U	5 U	2.64	0.5 U	0.5 U	0.5 U	8.74	0.5 U
MW-14d	216	01/27/04		0.5 U	0.81	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	3.39	1 U	5 U	2.79	0.5 U	0.5 U	0.5 U	9.44	0.5 U
MW-14d	216	05/04/04		0.5 U	1.2	0.5 U	0.75	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.99	1 U	5 U	3.9	0.5 U	0.5 U	0.5 U	13.6	0.5 U
MW-14d	216	08/17/04	DP	0.5 U	1.33	0.5 U	0.88	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.15	1 U	5 U	3.73	0.5 U	0.5 U	0.5 U	14.7	0.5 U
MW-14d	216	08/17/04	D	0.5 U	1.45	0.5 U	0.86	0.64	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.31	1 U	5 U	3.93	0.5 U	0.5 U	0.5 U	15.1	0.5 U
MW-14d	216	11/17/04		0.5 U	0.59	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	2.91	1 U	5 U	1.96	0.5 U	0.5 U	0.5 U	7.35	0.5 U
MW-14d	216	02/10/05		0.5 U	0.92	0.5 U	0.71	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.16	1 U	5 U	2.94	0.5 U	0.5 U	0.5 U	10.3	0.5 U
MW-14d	216	11/16/05	DP	0.5 U	1.04	0.5 U	0.84	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.11	1 U	5 U	3.34	0.5 U	0.5 U	0.5 U	12.8	0.5 U
MW-14d	216	11/16/05	D	0.5 U	0.97	0.5 U	0.82	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.16	1 U	5 U	3.25	0.5 U	0.5 U	0.5 U	12.7	0.5 U
MW-14d	216	03/22/06		0.5 U	1.13	0.5 U	0.77	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.21	1 U	5 U	3.61	0.5 U	0.5 U	0.5 U	14.7	0.5 U
MW-14d	216	06/05/06		0.5 U	1.03	0.5 U	0.83	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.18	1 U	5 U	3.7	0.5 U	0.5 U	0.5 U	13.7	0.5 U
MW-14d	216	09/08/06		0.5 U	0.9	0.5 U	0.75	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	4.94	1 U	5 U	2.69	0.5 U	0.5 U	0.5 U	11.5	0.5 U
MW-14d	216	02/08/07		0.5 U	0.79	0.5 U	0.76	0.63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	5.64	1 U	5 U	3.51	0.5 U	0.5 U	0.5 U	14.4	0.5 U
TGA Monitoring Wells																										
MW-15i	134	11/17/00		0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	4.65	1 U
MW-15i	134	07/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.12	0.5 U
MW-15i	134	10/22/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.17	0.5 U
MW-15i	134	01/09/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.98	0.5 U
MW-15i	134	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.03	0.5 U
MW-15i	134	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.69	0.5 U
MW-15i	134	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5	0.5 U
MW-15i	134	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.58	0.5 U
MW-15i	134	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.88	0.5 U
MW-15i	134	08/29/03	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.36	0.5 U
MW-15i	134	08/29/03	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.43	0.5 U
MW-15i	134	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.68	0.5 U
MW-15i	134	02/02/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.01	0.5 U
MW-15i	134	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.53	0.5 U
MW-15i	134	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.85	0.5 U
MW-15i	134	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.12	0.5 U
MW-15i	134	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.68	0.5 U
MW-15i	134	11/23/05	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.39	0.5 U
MW-15i	134	11/23/05	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.79	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.43	0.5 U
MW-15i	134	03/24/06	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.85	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.78	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)
MW-15i	134	03/24/06	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.83	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.64	0.5 U
MW-15i	134	06/07/06	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.69	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.78	0.5 U
MW-15i	134	06/07/06	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.67	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.98	0.5 U
MW-15i	134	09/07/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.92	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.41	0.5 U
MW-15i	134	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.83	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.53	0.5 U
MW-16d	225	11/07/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	07/19/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	10/25/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	01/14/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	01/30/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	11/22/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	03/22/06	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	03/22/06	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	06/06/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-16d	225	02/06/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	11/08/00		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	07/18/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	10/22/01		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	01/12/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	06/05/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	08/28/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	11/19/02		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	02/28/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	05/30/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	08/29/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	11/14/03		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	02/04/04	DP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	02/04/04	D	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	05/07/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	08/20/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	11/22/04		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	02/23/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	11/22/05		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	03/22/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	06/07/06		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-17d	190	02/09/07		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	0.5 U	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5-3: Remedial Investigation
Historical Summary of Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,2-Dichlorobenzene (µg/l)	1,2-Dichloroethane (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromodichloromethane (µg/l)	Bromoform (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	Chloromethane (µg/l)	cis-1,2-Dichloroethene (µg/l)	Dibromochloromethane (µg/l)	Methylene chloride (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (ug/l)

Groundwater samples were analyzed for VOCs using Method 8021B/8260B
QC Code: D = field duplicate sample; DP = assoicated field sample (the duplicate pair); ASC - sample preserved with ascorbic acid.
Water Quality Zones: USA = Unconsolidated Sedimentary Aquifer; TGA = Troutdale Gravel Aquifer
ft bgs - feet below ground surface
U - Constituent not detected above reported sample detection limit.
UB - Result qualified as undetected due to a concentration less than 5 times the concentration detected in a QC blank.
Table includes constituents present above detection limits in at least one well.

Table 5-4: RI Phase I
Probe Boring Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/Borehole Name	Sample Depth (ft)	Sample Date	1,1,1-Trichloro ethane (µg/l)	1,1-Dichloro ethane (µg/l)	1,1-Dichloro ethene (µg/l)	1,4-Dichloro benzene (µg/l)	Bromo dichloro methane (µg/l)	Chloro form (µg/l)	cis-1,2-Dichloro ethene (µg/l)	Dichloro methane (µg/l)	Methylene chloride (µg/l)	Tetra chloro ethene (µg/l)	Trichloro ethene (µg/l)
CM-PMX-01	25	08/12/98	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	**4**	**8.1**
CM-PMX-02	25	08/12/98	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	1 U
CM-PMX-03	25	08/12/98	**22**	**1.3**	1 U	--	--	1 U	**15**	1 U	--	**24**	**162**
CM-PMX-04	25	08/12/98	**3.8**	1 U	1 U	--	--	1 U	1 U	1 U	--	**11**	**19**
CM-PMX-05	25	08/12/98	**0.5**	1 U	1 U	--	--	1 U	1 U	1 U	--	**1.1**	**3**
CM-PMX-06	25	08/12/98	**1.4**	1 U	1 U	--	--	1 U	1 U	1 U	--	**3.5**	**15.7**
CM-PMX-07	25	08/12/98	**36**	**1.2**	1 U	--	--	1 U	**14**	1 U	--	**58**	**201**
SG-01	25	07/30/99	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	--	10 U	0.5 U	0.5 U
SG-02	25	07/30/99	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	--	10 U	0.5 U	0.5 U
SG-03	25	07/30/99	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	--	10 U	**1.3**	**26.7**
SG-04	25	07/30/99	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.829**	--	10 U	0.5 U	**1.42**
SG-05	25	07/30/99	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	--	10 U	0.5 U	0.5 U
TCA-01	25	07/30/99	5000 U	2500 U	2500 U	2500 U	5000 U	2500 U	2500 U	--	50000 U	**5,350**	**321,000**
TCA-02	25	07/30/99	1 U	100 U	100 U	100 U	200 U	100 U	**101**	--	2000 U	**348**	**25,400**
TCA-03	25	07/30/99	1 U	100 U	100 U	100 U	200 U	100 U	100 U	--	2000 U	**111**	**16,800**

Notes:

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

QC Code: D = field duplicate sample, DP = primary sample associated with field duplicate.

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed.

Table 5-5: RI Phase II
Depth Specific Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Sample Depth (ft)	Sample Date	1,1,1-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	Carbon tetrachloride (µg/l)	Chlorobenzene (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Ethylbenzene (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (µg/l)	Xylenes (total) (µg/l)
MW-07i	20	07/18/00	0.5 U	**0.52**	0.5 U	**0.61**	0.5 U	0.5 U	**7.29**	0.5 U	**26.3**	0.5 U	0.5 U	**1530**	0.5 U	--
MW-07i	40	07/18/00	**0.72**	**0.83**	0.5 U	**0.67**	0.5 U	0.5 U	**10.8**	0.5 U	**33.8**	0.5 U	0.5 U	**1950**	0.5 U	--
MW-07i	60	07/18/00	**1.53**	**1.49**	**0.91**	**0.56**	0.5 U	0.5 U	**16.6**	0.5 U	**26.2**	0.5 U	0.5 U	**792**	0.5 U	--
MW-07i	80	07/20/00	**1.74**	**1.44**	**1.29**	0.5 U	0.5 U	0.5 U	**19.5**	0.5 U	**21.7**	0.5 U	0.5 U	**413**	0.5 U	1 U
MW-07i	100	07/20/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.37**	0.5 U	**1.37**	0.5 U	0.5 U	**7.71**	0.5 U	1 U
MW-07i	120	07/27/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U
MW-07i	140	07/31/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U
MW-07i	160	08/01/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-07i	180	08/02/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.53**	0.5 U	--
MW-15i	25	05/10/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-15i	40	05/11/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.71**	0.5 U	0.5 U	**4.71**	0.5 U	1 U
MW-15i	60	05/11/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.52**	0.5 U	1 U
MW-15i	80	05/12/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.801**	0.5 U	0.5 U	**8.32**	0.5 U	1 U
MW-15i	100	05/15/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.84**	0.5 U	**1.27**	0.5 U	0.5 U	**19.4**	0.5 U	1 U
MW-15i	120	05/18/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.42**	0.5 U	--
MW-15i	140	05/19/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**23.8**	0.5 U	--
MW-15i	160	05/22/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-15i	180	05/24/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-15i	200	05/25/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-15i	220	05/25/00	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-18i	28	06/13/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-18i	40	06/14/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.75**	0.5 U	0.5 U	**1.99**	0.5 U	--
MW-18i	60	06/15/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.63**	0.5 U	0.5 U	**3.03**	0.5 U	0.5 U	**1.89**	0.5 U	--
MW-18i	80	06/15/00	**0.58**	0.5 U	0.5 U	0.5 U	0.5 U	**1.03**	0.5 U	0.5 U	**2.84**	0.5 U	0.5 U	**2.41**	0.5 U	--
MW-18i	100	06/16/00	**0.65**	0.5 U	0.5 U	0.5 U	0.5 U	**0.66**	**0.87**	0.5 U	**2.56**	0.5 U	0.5 U	**5.77**	0.5 U	--
MW-18i	120	06/19/00	**1.06**	0.5 U	0.5 U	0.5 U	0.5 U	**0.55**	**1.34**	0.5 U	**3.54**	0.5 U	0.5 U	**12.2**	0.5 U	--
MW-18i	140	06/23/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.27**	0.5 U	--
MW-18i	160	06/26/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-18i	180	06/27/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-19i	32	08/14/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-19i	50	08/14/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.543**	0.5 U	0.5 U	**2.78**	1 U	1 U
MW-19i	70	08/16/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.518**	0.5 U	0.5 U	**2.33**	0.5 U	0.5 U	**2.1**	1 U	1 U
MW-19i	90	08/15/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.948**	0.5 U	**1.96**	0.5 U	0.5 U	**5.79**	0.5 U	1 U
MW-19i	110	08/17/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.83**	0.5 U	**2.55**	0.5 U	0.5 U	**12.2**	0.5 U	1 U
MW-19i	130	08/21/00	**1.22**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.38**	0.5 U	**3.77**	0.5 U	0.5 U	**30.2**	1 U	1 U
MW-19i	150	08/22/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U
MW-19i	170	08/24/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-19i	190	08/25/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U
MW-13d	30	12/15/99	1 U	1 U	1 U	2 U	1 U	1 U	**2.65**	1 U	**5.64**	1 U	1 U	**5.16**	1 U	--
MW-13d	50	12/16/99	1 U	1 U	1 U	2 U	1 U	1 U	**2.51**	1 U	**4.98**	1 U	1 U	**4.64**	1 U	--
MW-13d	70	12/17/99	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MW-13d	90	12/20/99	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.13**	0.5 U	0.5 U	**0.899**	0.5 U	1 U
MW-13d	110	12/22/99	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.538**	0.5 U	0.5 U	**0.599**	0.5 U	1 U
MW-13d	130	12/28/99	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MW-13d	150	12/30/99	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--

Table 5-5: RI Phase II
Depth Specific Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Sample Depth (ft)	Sample Date	1,1,1-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	Carbon tetrachloride (µg/l)	Chlorobenzene (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Ethylbenzene (µg/l)	Tetrachloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	Trichloroethene (µg/l)	Trichlorofluoromethane (µg/l)	Xylenes (total) (µg/l)
MW-13d	170	01/03/00	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MW-13d	190	01/04/00	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MW-13d	210	01/04/00	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MW-13d	230	01/10/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-13d	250	01/12/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-13d	270	01/17/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-14d	24	02/29/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-14d	40	02/29/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.8**	0.5 U	**2.41**	0.5 U	0.5 U	**3**	0.5 U	1 U
MW-14d	60	03/01/00	1 U	**0.529**	0.5 U	0.5 U	0.5 U	0.5 U	**4.01**	0.5 U	**3.19**	0.5 U	0.5 U	**3.88**	0.5 U	1 U
MW-14d	80	03/01/00	1 U	**0.865**	0.5 U	0.5 U	0.5 U	0.5 U	**8.78**	0.5 U	**5.7**	0.5 U	0.5 U	**8.62**	0.5 U	1 U
MW-14d	100	03/03/00	**2.71**	**1.92**	**1.23**	0.5 U	0.5 U	0.5 U	**16.9**	0.5 U	**12.6**	0.5 U	0.5 U	**28.5**	0.5 U	1 U
MW-14d	120	03/07/00	**2.68**	**1.04**	**1.34**	0.5 U	0.5 U	0.5 U	**7.74**	0.5 U	**6.07**	0.5 U	0.5 U	**28.5**	0.5 U	1 U
MW-14d	140	03/08/00	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.66**	0.5 U	**1.34**	0.5 U	0.5 U	**3.11**	0.5 U	1 U
MW-14d	160	03/08/00	**2**	0.5 U	**1.19**	0.5 U	0.5 U	0.5 U	**5.26**	0.5 U	**3.31**	0.5 U	0.5 U	**14.7**	0.5 U	1 U
MW-14d	180	03/14/00	**1.13**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2**	0.5 U	**4.45**	0.5 U	0.5 U	**9.91**	0.5 U	--
MW-14d	200	03/17/00	**1.32**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.96**	0.5 U	**2.76**	0.5 U	0.5 U	**9.11**	0.5 U	1 U
MW-14d	220	03/20/00	**1.47**	0.5 U	**0.958**	0.5 U	0.5 U	0.5 U	**2.88**	0.5 U	**3.43**	0.5 U	0.5 U	**13**	0.5 U	1 U
MW-16d	25	04/06/00	**1.94**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.8**	0.5 U	**5.67**	0.5 U	0.5 U	**131**	0.5 U	1 U
MW-16d	40	04/07/00	**6.17**	0.5 U	0.5 U	0.5 U	0.5 U	**1.07**	**5.06**	0.5 U	**16.7**	0.5 U	0.5 U	**427**	0.5 U	1 U
MW-16d	60	04/10/00	**6.33**	**1.41**	**1.44**	0.5 U	0.5 U	0.5 U	**17.7**	0.5 U	**25.7**	0.5 U	**0.768**	**449**	0.5 U	1 U
MW-16d	80	04/12/00	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	**7.1**	2.5 U	**20.4**	2.5 U	2.5 U	**243**	2.5 U	5 U
MW-16d	100	04/13/00	**2.22**	**0.591**	**0.998**	0.5 U	0.5 U	0.5 U	**7.49**	0.5 U	**8.24**	0.5 U	0.5 U	**74.6**	0.5 U	1 U
MW-16d	120	04/17/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-16d	140	04/18/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-16d	160	04/19/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-16d	180	04/21/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-16d	200	04/24/00	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-16d	220	04/26/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-16d	240	04/28/00	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
MW-17d	22	01/28/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-17d	40	01/31/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	**2.1**	0.5 U	**2.1**	0.5 U	0.5 U	**3.91**	0.5 U	--
MW-17d	60	01/31/00	**0.69**	0.5 U	0.5 U	2 U	0.5 U	0.5 U	**3.48**	0.5 U	**3.53**	0.5 U	0.5 U	**22**	0.5 U	--
MW-17d	80	02/01/00	**3.02**	**0.59**	**0.68**	2 U	0.5 U	0.5 U	**6.58**	0.5 U	**10.1**	0.5 U	0.5 U	**155**	0.5 U	--
MW-17d	100	02/03/00	**0.72**	0.5 U	0.5 U	2 U	0.5 U	0.5 U	**1.35**	0.5 U	**2.2**	0.5 U	0.5 U	**30.2**	0.5 U	--
MW-17d	120	02/08/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-17d	140	02/09/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-17d	160	02/10/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-17d	180	02/11/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--
MW-17d	200	02/15/00	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--

Notes:
Bold results indicate results above detection limits.
ft bgs - feet below ground surface
U = constituent not detected above reported sample detection limit. J = result is estimated.

Table 5-6: RI Phase II
Groundwater Probe Boring Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/Borehole Name	Sample Depth (ft)	Sample Date	1,1,1-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromo-dichloromethane (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Methylene chloride (µg/l)	Tetra-chloroethene (µg/l)	Toluene (µg/l)	Tri-chloroethene (µg/l)
GWM-GP-01	27	07/17/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	**1.06**	0.5 U
GWM-GP-01	47	07/20/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-02	13	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	**0.709 B**	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-02	27	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-02	47	07/20/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-03	27	07/20/00	1 U	0.5 U	0.5 U	0.5 U	1 U	**4.16 B**	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-03	47	07/20/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-04	32	07/20/00	1 U	0.5 U	0.5 U	0.5 U	1 U	**4.97 B**	0.5 U	10 U	0.5 U	0.5 U	**1.2**
GWM-GP-04	52	07/20/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	**0.515**
GWM-GP-05	30	07/20/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-05	50	07/20/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-06	30	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-06	50	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	**1.65**
GWM-GP-07	14	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-07	30	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-07	50	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-08	14	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	**2.97 B**	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-08	30	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-08	50	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-09	30	07/21/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
GWM-GP-09	50	07/21/00	1 U	5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
Kotobuki-01	28	12/13/99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Kotobuki-01	48	12/13/99	1 U	1 U	1 U	1 U	1 U	1 U	**1.04**	5 U	**1.36**	1 U	**2.75**
Kotobuki-02	28	12/13/99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Kotobuki-02	48	12/13/99	1 U	1 U	1 U	1 U	1 U	1 U	**1.96**	5 U	**1.64**	1 U	**8.46**
Mill Plain-01	32	12/14/99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Mill Plain-01	52	12/14/99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Mill Plain-02	32	12/14/99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Mill Plain-02	52	12/14/99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	**1.42**	1 U	1 U
Mill Plain-03	32	12/13/99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Mill Plain-03	52	12/13/99	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	**1.23**	1 U	1 U
NWP-GP-01	15	07/17/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-01	27	07/17/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-01	47	07/17/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-02	14	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-02	27	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-02	47	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-03	28	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	**0.886**	0.5 U	0.5 U
NWP-GP-03	48	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.879**	10 U	0.5 U	0.5 U	**7.28**
NWP-GP-04	15	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-04	27	07/18/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-04	47	07/19/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	**2.61**
NWP-GP-05	26	07/19/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
NWP-GP-05	46	07/19/00	1 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U
W20th-01	30	12/14/99	1 U	1 U	1 U	1 U	1 U	**1.21**	1 U	5 U	1 U	1 U	**1.36**
W20th-01	51	11/17/99	1 U	1 U	1 U	1 U	1 U	1 U	**2.17**	5 U	**1.15**	1 U	**20.9**

Notes:

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 5-7: RI Phase III
Depth Specific Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Sample Depth (ft)	Sample Date	1,1,1-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	Carbon tetrachloride (µg/l)	Chlorobenzene (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Ethylbenzene (µg/l)	Tetra-chloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	Tri-chloroethene (µg/l)	Trichloro-fluoromethane (µg/l)
MW-24i	65	04/11/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	85	04/12/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.68**	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	105	04/12/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.13**	0.5 U	0.5 U	**2.06**	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	125	04/17/01	**0.59**	0.5 U	0.5 U	0.5 U	0.5 U	**1.23**	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	**0.78**	0.5 U
MW-24i	145	04/18/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-24i	165	04/20/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	80	05/15/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	85	05/04/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.55**	0.5 U
MW-26i	105	05/04/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.06**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1**	0.5 U
MW-26i	120	05/08/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.8**	0.5 U	0.5 U	**0.86**	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	140	05/05/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26i	160	05/11/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28i	30	03/26/01	0.5 U	0.5 U	0.5 U	0.5 U	**0.76**	0.5 U	**0.55**	0.5 U	0.5 U	0.5 U	0.5 U	**2.18**	0.5 U
MW-28i	50	03/26/01	**0.71**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.15**	0.5 U	**2.9**	0.5 U	0.5 U	**40.2**	0.5 U
MW-28i	70	03/27/01	**2.12**	1 U	1 U	1 U	1 U	1 U	**7.14**	1 U	**9.88**	1 U	1 U	**209**	1 U
MW-28i	90	03/28/01	**0.73**	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	**3.65**	0.5 U	**2.5**	0.5 U	0.5 U	**27.3**	0.5 U
MW-28i	110	03/30/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28i	130	04/02/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	30	03/06/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	50	03/07/01	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	70	03/08/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	90	03/08/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	110	03/12/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29i	130	03/14/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:

Bold results indicate results above detection limits.

ft bgs - feet below ground surface

U = constituent not detected above reported sample detection limit. J = result is estimated.

-- = constituent was not analyzed for.

Table 5-8: RI Phase III
Summary of Natural Attenuation Parameters Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Depth (ft)	Sample Date	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (mV)	Methane (ug/l)	Ethane (µg/l)	Ethene (µg/l)	Ferrous Iron (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Nitrate-Nitrogen (mg/l)	Total Alkalinity (mg/l)	Total Organic Carbon (mg/l)
Discrete-Depth Results													
MW-07i	100	07/20/00	1.5	-140	--	--	--	1 UJ	5.78	59.7	0.36	102	--
MW-13d	110	12/22/99	0.85	-77	3.64	2 U	2 U	1.2 J	4.83	319	2.69	77.9	--
MW-14d	100	03/03/00	1.8	-230	--	--	--	1 U	5.2	67.9	0.563	80	--
MW-15i	100	05/15/00	1.0	-203	1.2	1	1	1 U	4.91	18.4	0.511	96	--
MW-16d	100	04/13/00	0.3	-38	--	--	--	1 U	5.14 J	62.2 J	1.5 J	111	--
MW-17d	100	02/03/00	NM	NM	3.04	2.51	2.89	1 UJ	2.78	10.7	1.14	113	--
MW-18i	100	06/16/00	6.0	-107	--	--	--	1 U	8.65	25.2	4.01	120	--
MW-19i	110	08/17/00	7.54	-62	1.56	10 U	10 U	1 U	6.96	32.2	4.15	92	--
Monitoring Well Results													
MW-01	20	11/13/00	8.1	88	1.2 U	10 U	10 U	1 U	1.29	6.99	0.824	36.2	1 U
MW-01	20	07/17/01	NM	232	3.74	10 U	10 U	1 U	9.99	4.99	0.884 J	23	1 U
MW-04	20	11/15/00	6.0	193	1.2 U	10 U	10 U	1 U	2.54	16.9	7.31	66.4	2.64
MW-04	20	07/20/01	5.97	196	1.2 U	10 U	10 U	1 U	8.79	9.79	6.56	68	2.29
MW-05	25	11/21/00	NM	72	1.2 U	10 U	10 U	1 U	5.25	28.6	3.49	27.2	1 U
MW-05	25	07/25/01	4.73	154	1.2 U	10 U	10 U	1 U	6.02	38.3	6.12	70.2	1 U
MW-07	25	07/25/01	3.90	185	1.2 U	10 U	10 U	1 U	11.5	43.7	3.9	87	1 U
MW-08	25	11/16/00	0.02 U*	88	4.41	26.2	16.2	1 U	3.31	27.6	3.25	86	1.12
MW-08	25	07/20/01	5.36	202	1.2 U	10 U	10 U	1 U	11.5	37.4	3.4	79	1 U
MW-16	31	11/21/00	NM	NM	1.2 U	10 U	10 U	1 U	4	31.4	2.99	90.5	1 U
MW-16	31	07/25/01	5.80	5 U	1.2 U	10 U	10 U	1 U	4.9	35.4	4.22	84.8	1 U
MW-21	37	07/23/01	6.62	167	1.2 U	10 U	10 U	1 U	8.44	30.5	6.33	89.1	1 U
MW-25	80	07/19/01	NM	190	1.2 U	10 U	10 U	1 U	5.04	30.5	2.69	95	1 U
MW-04i	95	11/16/00	0.02 U	52	1.2 U	10 U	10 U	1 U	2.81	49.6	0.985	90.5	1.07
MW-05i	95	11/16/00	0.02 U	-103	33.1	165	101	1 U	6.43	18.8	0.141	137	1 U
MW-05i	95	07/17/01	NM	8	1.2 U	10 U	10 U	1 U	9.87	12.8	0.405 J	125	1 U
MW-07i	85	11/20/00	0.02 U	-60	1.2 U	10 U	10 U	1 U	4.72	36.7	0.529	119	1.19
MW-07i	85	07/24/01	0.62	151	1.2 U	10 U	10 U	1 U	6.19	40.3	1.36	92.8	1 U
MW-08i	125	11/09/00	0.02 U	87	2	10 U	10 U	1 U	43.3	63.5	0.1 U	112	1 U
MW-18i	125	07/27/01	5.16	133	1.2 U	10 U	10 U	1 U	10.2	25.8	5.07 J	107	1 U
MW-19i	125	07/27/01	3.84	134	1.2 U	10 U	10 U	1 U	7.72	34	3.65 J	95.3	1 U
MW-28i	80	07/23/01	1.00	124	1.2 U	10 U	10 U	1 U	4.68	32.4	1.87	106	1 U
MW-01d	216	11/20/00	0.02 U	-224	1.2 U	10 U	10 U	1 U	7.5	307	0.406	122	1 U
MW-01d	216	07/23/01	0.04	172	1.2 U	10 U	10 U	1 U	5.94	341	0.76	115	1 U
MW-05d	222	11/15/00	0.02 U	-109	1.2 U	10 U	10 U	1 U	4.89	313	0.515	125	1 U
MW-05d	222	07/23/01	0.02	146	1.2 U	10 U	10 U	1 U	5.78	335	0.76	127	1 U
MW-12d	211	11/16/00	0.02 U	18	1.2 U	10 U	10 U	1 U	4.27	312	1.05	103	1 U
MW-12d	211	07/23/01	0.06	164	1.2 U	10 U	10 U	1 U	5.37	334	1.49	104	1 U
MW-14d	216	11/17/00	0.02	103	1.84	10 U	10 U	1 U	11.3	173	0.286	114	1 U
MW-14d	216	07/20/01	NM	-41	1.2 U	10 U	10 U	1 U	11.5	224	0.749	102	1 U

Notes:
U = not detected above reported limit
UJ = not detected above reported limit, however the reported limit is approximate
J = approximate concentration
NM = not measured
* measurement not reliable, based on field meter behavior
-- = constituent was not analyzed for.

Table 5-9: RI Phase III
Probe Boring Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/Borehole Name	Sample Depth (ft)	Sample Date	1,1,1-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	1,4-Dichlorobenzene (µg/l)	Bromo dichloro methane (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Methylene chloride (µg/l)	Tetra chloroethene (µg/l)	Toluene (µg/l)	Tri chloroethene (µg/l)
SO-01	25	04/20/01	5 U	5 U	5 U	5 U	5 U	5 U	**8.6**	50 U	**7.3**	5 U	**1,030**
SO-02	25	04/20/01	5 U	5 U	5 U	5 U	5 U	5 U	**9.2**	50 U	**5.7**	5 U	**975**
SO-03	25	04/20/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.66**	5 U	**1.48**	0.5 U	**46.7**
SO-04	25	04/20/01	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	**5.7**	25 U	**6.1**	2.5 U	**424**
SO-05	25	04/27/01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
SO-06	25	04/27/01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
SO-07	25	04/20/01	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	**4.68**	5 U	**2.47**	0.5 U	**28.6**
SO-08	25	04/20/01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.23**	5 U	**1.8**	0.5 U	**38.3**
SO-09	25	04/27/01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
DC-01	25	04/19/01	25 U	25 U	25 U	25 U	25 U	25 U	**36**	250 U	**155**	25 U	**9,120**
DC-02	25	04/19/01	5 U	5 U	5 U	5 U	5 U	5 U	**18.5**	50 U	**18.1**	5 U	**1,700**
DC-03	25	04/19/01	50 U	50 U	50 U	50 U	50 U	50 U	**99**	500 U	50 U	50 U	**10,500**
DC-04	25	04/19/01	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	**134**	100 U	**17,100**
DC-05	25	04/19/01	50 U	50 U	50 U	50 U	50 U	50 U	**67**	500 U	**81**	50 U	**12,400**
DC-06	25	04/19/01	25 U	25 U	25 U	25 U	25 U	25 U	**71**	250 U	**44.5**	25 U	**9,050**
DC-07	25	04/19/01	1 U	1 U	1 U	1 U	**1.3**	**4.46**	**1.96**	10 U	**1.48**	1 U	**332**
DC-08	25	04/19/01	25 U	25 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	**4,140**
DC-09	25	04/19/01	25 U	25 U	25 U	25 U	25 U	25 U	**57**	250 U	**49.5**	25 U	**6,830**
DC-10	25	04/19/01	1 U	1 U	1 U	1 U	1 U	1 U	**1.12**	10 U	**1.92**	1 U	**318**
DC-11	25	09/07/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	**261**
DC-12	25	09/07/01	5 U	5 U	5 U	5 U	5 U	5 U	**5.2**	25 U	**12.8**	5 U	**466**
DC-13	25	09/07/01	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	**58**	10 U	**1,460**
DC-14	25	09/07/01	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	**85**	50 U	**9,530**
DC-15	25	11/06/01	25 U	25 U	25 U	25 U	25 U	25 U	**26.5**	250 U	**47.5**	25 U	**4,350**
DC-16	25	11/06/01	10 U	10 U	10 U	10 U	10 U	10 U	**24.8**	100 U	**22.2**	10 U	**3,050**
DC-17	25	11/06/01	5 U	5 U	5 U	5 U	5 U	5 U	**6.3**	50 U	**18.3**	5 U	**1,330**
DC-18	25	11/06/01	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	**4.4 B**	**2.6**	25 U	**12.1**	2.5 U	**729**
DC-19	25	11/06/01	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	**992**
DC-20	25	11/06/01	10 U	10 U	10 U	10 U	10 U	10 U	**11.4**	100 U	**35.2**	10 U	**2,920**
DC-21	25	11/06/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	**13.5**	5 U	**880**
DC-22	25	11/06/01	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	**3.75**	2.5 U	**472**
DC-23	25	11/06/01	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	**4.4**	25 U	**14.1**	2.5 U	**502**

Notes:
Bold results indicate results above detection limits.
-- = constituent was not analyzed for.
U = not detected above reported limit
UJ = not detected above reported limit, however the reported limit is approximate
J = approximate concentration
NM = not measured

Table 5-10: RI Phase III
Soil Gas Borings Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/Borehole Name	Sample Date	1,1,1-Trichloroethane (ppbV)	1,1,1-Trichloroethane ($\mu g/m^3$)	Tetrachloroethene (ppbV)	Tetrachloroethene ($\mu g/m^3$)	Trichloroethene (ppbV)	Trichloroethene ($\mu g/m^3$)
SG-01	11/15/01	4.2 U	23 U	**6.2**	**42**	4.2 U	23 U
SG-02	11/15/01	4 U	22 U	4 U	27 U	4 U	22 U
SG-03	11/15/01	**14**	**76**	**27**	**190**	**13**	**70**
SG-04	11/16/01	3.9 U	22 U	3.9 U	27 U	3.9 U	21 U
SG-05	11/16/01	3.9 U	22 U	3.9 U	27 U	3.9 U	22 U
SG-06	11/16/01	4 U	22 U	4 U	28 U	4 U	22 U
SG-07	11/16/01	3.9 U	22 U	3.9 U	27 U	**6.6**	**36**
SG-08	11/16/01	4 U	22 U	**5.4**	**38**	4 U	22 U
SG-08	11/16/01	4 U	22 U	**5.6**	**39**	4 U	22 U
SG-09	11/16/01	**4.3**	**24**	**38**	**260**	**440**	**2,400**
SG-10	11/16/01	4.3 U	24 U	4.3 U	29 U	**6.3**	**34**
SG-11	11/16/01	4 U	22 U	**23**	**160**	**500**	**2,800**

Notes:

Bold results indicate results above detection limits.

U = undetected above reported sample quantitation limit

J = approximate concentration

Table 5-11: RI Phase IV
Summary of Depth-Specific Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Sample Depth (ft)	Sample Date	1,1,1-Trichloro-ethane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	Carbon tetrachloride (µg/l)	Chloro benzene (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Ethylbenzene (µg/l)	Tetra-chloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	Tri chloroethene (µg/l)	Trichloro fluoromethane (µg/l)	Xylenes (total) (µg/l)	m,p-Xylene (µg/l)	o-Xylene (µg/l)	Total VOCs
MW-30i	29	02/06/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.67**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	1.67
MW-30i	45	02/06/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.91**	0.5 U	**1.67**	0.5 U	0.5 U	**1.19**	0.5 U	--	1 U	0.5 U	7.77
MW-30i	65	02/07/03	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**6.42**	0.5 U	**10.5**	0.5 U	0.5 U	**4.17**	0.5 U	--	1 U	0.5 U	21.79
MW-30i	85	02/10/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.83**	0.5 U	**8.35**	0.5 U	0.5 U	**2.91**	0.5 U	--	1 U	0.5 U	14.09
MW-30i	105	02/10/03	0.5 U	**0.65**	0.5 U	0.5 U	0.5 U	0.5 U	**6.12**	0.5 U	**15.7**	0.5 U	0.5 U	**6.42**	0.5 U	--	1 U	0.5 U	28.89
MW-30i	125	02/13/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.74**	0.5 U	**4.56**	0.5 U	0.5 U	**2.53**	0.5 U	--	1 U	0.5 U	8.83
MW-30i	145	02/14/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.1**	0.5 U	**1.44**	0.5 U	0.5 U	**2.01**	0.5 U	--	1 U	0.5 U	4.55
MW-30i	165	02/17/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.65**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0.65
MW-30i	185	02/19/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-31i	28	01/10/03	**4.38**	**9.1**	**6.55**	0.5 U	0.5 U	0.5 U	**105**	0.5 U	**94.5**	0.5 U	**0.58**	**167**	0.5 U	--	1 U	0.5 U	387.11
MW-31i	45	01/10/03	**2.8**	**4.53**	**3.34**	0.5 U	0.5 U	0.5 U	**59**	0.5 U	**72.1**	0.5 U	**0.62**	**121**	0.5 U	--	1 U	0.5 U	263.39
MW-31i	65	01/13/03	**1.79**	**2.41**	**1.69**	0.5 U	0.5 U	0.5 U	**35.5**	0.5 U	**72.5**	0.5 U	0.5 U	**63.6**	0.5 U	--	1 U	0.5 U	177.49
MW-31i	85	01/14/03	**2.27**	**2.25**	**1.42**	0.5 U	0.5 U	0.5 U	**30.7**	0.5 U	**108**	0.5 U	0.5 U	**54**	0.5 U	--	1 U	0.5 U	198.64
MW-31i	105	01/15/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.18**	0.5 U	**9.94**	0.5 U	0.5 U	**5.94**	0.5 U	--	1 U	0.5 U	19.06
MW-31i	125	01/20/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.53**	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0.53
MW-31i	145	01/22/03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-32i	39	07/08/04	**2.48**	**4.08**	**2.27**	0.5 U	0.5 U	0.5 U	**56.5**	0.5 U	**129**	0.5 U	**1.3**	**114**	0.5 U	--	1 U	0.5 U	309.63
MW-32i	60	07/09/04	**3.52**	**5.91**	**2.82**	0.5 U	0.5 U	0.5 U	**86.9**	0.5 U	**170**	0.5 U	**2.46**	**133**	0.5 U	--	1 U	0.5 U	404.61
MW-32i	80	07/09/04	**1.29**	**1.7**	**0.74**	0.5 U	0.5 U	0.5 U	**22.6**	0.5 U	**62.4**	0.5 U	0.5 U	**37.7**	0.5 U	--	1 U	0.5 U	126.43
MW-32i	100	07/12/04	**1.08**	**1.37**	**0.64**	0.5 U	0.5 U	0.5 U	**16.8**	0.5 U	**48.5**	0.5 U	0.5 U	**31.4**	0.5 U	--	1 U	0.5 U	99.79
MW-32i	120	07/14/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-32i	140	07/15/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-33i	35	07/26/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.12 B**	0.5 U	0.5 U	**0.67**	0.5 U	0.5 U	**0.56**	0.5 U	--	1 U	0.5 U	1.23
MW-33i	55	07/27/04	**0.95**	**1.85**	**0.84**	0.5 U	0.5 U	0.5 U	**21**	0.5 U	**34.8**	0.5 U	0.5 U	**25.5**	0.5 U	--	1 U	0.5 U	84.94
MW-33i	75	07/27/04	**0.82**	**1.03**	**0.5**	0.5 U	0.5 U	0.5 U	**12.4**	0.5 U	**31.4**	0.5 U	0.5 U	**19.7**	0.5 U	--	1 U	0.5 U	65.85
MW-33i	95	07/28/04	**0.85**	**0.81**	0.5 U	0.5 U	0.5 U	0.5 U	**9.29**	0.5 U	**28**	0.5 U	0.5 U	**18.5**	0.5 U	--	1 U	0.5 U	57.45
MW-33i	115	07/28/04	**1.01**	**1.46**	**0.64**	0.5 U	0.5 U	0.5 U	**13.8**	0.5 U	**18.4**	0.5 U	0.5 U	**20.1**	0.5 U	--	1 U	0.5 U	55.41
MW-33i	135	07/29/04	**0.73**	**0.86**	**0.51**	0.5 U	0.5 U	0.5 U	**8.64**	0.5 U	**13.6**	0.5 U	0.5 U	**15.5**	0.5 U	--	1 U	0.5 U	39.84
MW-33i	155	08/03/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-33i	175	08/04/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-34i	40	09/17/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-34i	60	09/21/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.48**	0.5 U	**6.21**	0.5 U	0.5 U	**2.1**	0.5 U	--	1 U	0.5 U	9.79
MW-34i	78	09/22/04	0.5 U	**0.51**	0.5 U	0.5 U	0.5 U	0.5 U	**3.61**	0.5 U	**11.2**	0.5 U	0.5 U	**4.6**	0.5 U	--	1 U	0.5 U	19.92
MW-34i	100	09/28/04	0.5 U	**0.660**	0.5 U	0.5 U	0.5 U	0.5 U	**4.35**	0.5 U	**11.4**	0.5 U	0.5 U	**5.13**	0.5 U	--	1 U	0.5 U	21.54
MW-34i	120	09/30/04	0.5 U	**0.53**	0.5 U	0.5 U	0.5 U	0.5 U	**3.86**	0.5 U	**6.94**	0.5 U	0.5 U	**3.51**	0.5 U	--	1 U	0.5 U	14.84
MW-34i	140	10/04/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.97**	0.5 U	**2.28**	0.5 U	0.5 U	**2.05**	0.5 U	--	1 U	0.5 U	7.3
MW-34i	160	10/05/04	**0.510**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.650**	0.5 U	0.5 U	**2.13**	0.5 U	--	1 U	0.5 U	3.290
MW-34i	180	10/07/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-35i	40	10/04/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-35i	60	10/04/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.05**	0.5 U	0.5 U	**4.48**	0.5 U	--	1 U	0.5 U	6.53
MW-35i	80	10/05/04	**0.590**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.49**	0.5 U	**3.65**	0.5 U	0.5 U	**9.89**	0.5 U	--	1 U	0.5 U	15.620
MW-35i	100	10/06/04	**0.870**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.56**	0.5 U	**5.80**	0.5 U	0.5 U	**15.1**	0.5 U	--	1 U	0.5 U	24.330
MW-35i	120	10/07/04	**1.36**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.00**	0.5 U	**7.94**	0.5 U	0.5 U	**37.2**	0.5 U	--	1 U	0.5 U	49.5
MW-35i	140	10/08/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.690**	0.5 U	0.5 U	**6.81**	0.5 U	--	1 U	0.5 U	7.5

Table 5-11: RI Phase IV
Summary of Depth-Specific Groundwater Analytical Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Sample Depth (ft)	Sample Date	1,1,1-Trichloro-ethane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	Carbon tetrachloride (µg/l)	Chloro benzene (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Ethylbenzene (µg/l)	Tetra-chloroethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	Tri chloroethene (µg/l)	Trichloro fluoromethane (µg/l)	Xylenes (total) (µg/l)	m,p-Xylene (µg/l)	o-Xylene (µg/l)	Total VOCs
MW-35i	160	10/12/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-35i	180	10/13/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.37**	0.5 U	--	1 U	0.5 U	1.37
MW-36i	40	09/13/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.23 B**	0.5 U	0.5 U	**0.7**	0.5 U	0.5 U	**3.41**	0.5 U	--	1 U	0.5 U	4.11
MW-36i	60	09/14/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.37**	0.5 U	**3.79**	0.5 U	0.5 U	**23.6**	0.5 U	--	1 U	0.5 U	30.76
MW-36i	80	09/14/04	**1.35**	0.5 U	0.5 U	0.5 U	0.5 U	**0.53 B**	**2.82**	0.5 U	**8.05**	0.5 U	0.5 U	**34.8**	0.5 U	--	1 U	0.5 U	47.02
MW-36i	100	09/15/04	**2.87**	0.5 U	**0.55**	0.5 U	0.5 U	0.5 U	**3.9**	0.5 U	**13.4**	0.5 U	0.5 U	**79.6**	0.5 U	--	1 U	0.5 U	100.32
MW-36i	120	09/17/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.00**	0.5 U	--	1 U	0.5 U	1
MW-36i	140	09/21/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-36i	160	09/23/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	**0.81 B**	0.5 U	0
MW-37i	40	08/13/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-37i	60	08/16/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.07 B**	0.5 U	0.5 U	**0.75**	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0.75
MW-37i	80	08/16/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.37 B**	0.5 U	0.5 U	**0.72**	0.5 U	0.5 U	**1.05**	0.5 U	--	1 U	0.5 U	1.77
MW-37i	100	08/17/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.33 B**	0.5 U	0.5 U	**0.64**	0.5 U	0.5 U	**1.1**	0.5 U	--	1 U	0.5 U	1.74
MW-37i	110	08/20/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**47.2**	0.5 U	--	1 U	0.5 U	47.2
MW-37i (1)	120	08/17/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**48.8**	0.5 U	--	1 U	0.5 U	48.8
MW-37i (2)	120	08/19/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**44.3**	0.5 U	--	1 U	0.5 U	44.3
MW-37i	130	08/20/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**46**	0.5 U	--	1 U	0.5 U	46
MW-37i	140	08/23/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**35.5**	0.5 U	--	1 U	0.5 U	35.5
MW-37i	160	08/27/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.38**	0.5 U	--	1 U	0.5 U	1.38
MW-37i	180	08/30/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.66**	0.5 U	--	1 U	0.5 U	2.66
MW-38i	50	10/19/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.47**	0.5 U	--	1 U	0.5 U	2.47
MW-38i	70	10/20/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.85**	0.5 U	--	1 U	0.5 U	2.85
MW-38i	90	10/21/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.83 B**	0.5 U	0.5 U	**0.71**	0.5 U	0.5 U	**0.71**	0.5 U	--	1 U	0.5 U	1.42
MW-38i	112	10/22/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.89 B**	0.5 U	0.5 U	**0.88**	0.5 U	0.5 U	**0.87**	0.5 U	--	1 U	0.5 U	1.75
MW-38i	130	10/25/04	**0.550**	0.5 U	0.5 U	0.5 U	0.5 U	**0.870 B**	0.830	0.5 U	**2.04**	0.5 U	0.5 U	**4.59**	0.5 U	--	1 U	0.5 U	8.010
MW-38i	150	10/27/04	**2.66**	**0.920**	**1.15**	0.5 U	0.5 U	**0.640 B**	**5.48**	0.5 U	**2.74**	0.5 U	0.5 U	**45.1**	0.5 U	--	1 U	0.5 U	58.05
MW-38i	170	10/28/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.610**	0.5 U	**0.500**	0.5 U	0.5 U	**7.90**	0.5 U	--	1 U	0.5 U	9.01
MW-38i	190	11/02/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0
MW-38i	210	11/04/04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U	0.5 U	0

Notes:
Bold results indicate results above detection limits.
B = Suspected laboratory contaminate
U = undetected above reported sample quantitation limit
J = approximate concentration
-- = constituent was not analyzed for.

Table 5-12: Phase IV RI
Source Area Fine-Grained Sand Layer Investigation Results
Former Building 2220 Site, Port of Vancouver

Borehole Name	Sample Depth (ft)	Sample Date	Tetrachloroethene (µg/kg)	Trichloroethene (µg/kg)	Total Organic Carbon (mg/kg)	Material Sampled
A1	23	9/16/04	74.7 U	**1,300**	--	Fine sand
A1	28	9/16/04	66.8 U	**499**	500 U	Medium/coarse sand
A2	23	9/16/04	73.5 U	**1,410**	--	Sandy fill
A3	23	9/16/04	72.4 U	**410**	--	Fine sand
B1	23	9/16/04	81.3 U	**1,530**	--	Medium/coarse sand
B2	24	9/16/04	**111**	**3,440**	--	Fine sand
B3-Dry	23	9/16/04	**95.3**	**1,810**	--	Fine sand
B3-Sat	24	9/16/04	**122**	**2,520**	--	Fine sand
B4	24.5	9/20/04	100 U	**474**	--	Fine sand
B5	24.5	9/20/04	74.7 U	**342**	--	Fine sand
B6	23	9/17/04	81.9 U	**138**	500 U	Sandy fill
B6	28	9/17/04	67.8 U	**471**	--	Medium/coarse sand
C1	24	9/15/04	**215**	**11,500**	--	Fine sand
C2	24	9/15/04	**698**	**33,600**	--	Medium/coarse sand
C2	28	9/15/04	**226**	**13,300**	--	Medium/coarse sand
C3	24	9/15/04	**3,210**	**13,500**	--	Fine sand
C4	24.5	9/20/04	**131**	**1,620**	--	Fine sand
C4	30	9/20/04	100 U	**630**	--	Medium/coarse sand
C5	24.5	9/20/04	75.2 U	**806**	--	Fine sand
C6	24	9/17/04	80.7 U	80.7 U	--	Fine sand
D2	17	9/14/04	40.3 U	**533**	--	Fine sand
D3	24	9/14/04	**569**	**13,700**	--	Fine sand
D4	22	9/14/04	**63.2**	**947**	--	Sandy fill
D4	26	9/14/04	**271**	**6,510**	--	Medium/coarse sand
D5	24.5	9/20/04	88.7 U	**1,330**	--	Fine sand
D6	23.5	9/17/04	71.2 U	**919**	500 U	Fine sand
D6	28	9/17/04	72.8 U	**1,080**	--	Medium/coarse sand
E2	24	9/14/04	**139**	**7,220**	--	Fine sand
E3	22	9/14/04	**78.5**	**3,270**	--	Fine sand
E4	21	9/14/04	37.1 U	**416**	--	Fine sand
E4	26	9/14/04	**44.8 J**	**1,370**	--	Medium/coarse sand
E5	24	9/16/04	81.1 U	**598**	--	Fine sand
E6	23.5	9/17/04	78.3 U	**110**	--	Fine sand
F2	23	9/15/04	**59.1**	**3,690**	--	Fine sand
F3	24	9/14/04	**55.2**	**3,740**	--	Fine sand
F4	24	9/14/04	32.9 U	**1,300**	--	Fine sand
F5	24	9/16/04	79 U	**298**	--	Fine sand
F6	23.5	9/17/04	73.6 U	**106**	--	Fine sand
G3	24	9/15/04	34.9 U	**1,610**	500 U	Fine sand
G3	30	9/16/04	68.1 U	**1,050**	--	Medium/coarse sand
G4	24	9/15/04	36 U	**676**	--	Fine sand
G5	23	9/16/04	100 U	**376**	--	Fine sand

Table 5-12: Phase IV RI
Source Area Fine-Grained Sand Layer Investigation Results
Former Building 2220 Site, Port of Vancouver

Borehole Name	Sample Depth (ft)	Sample Date	Tetrachloroethene (µg/kg)	Trichloroethene (µg/kg)	Total Organic Carbon (mg/kg)	Material Sampled
G6	23	9/17/04	124 U	124 U	500 U	Fine sand
G6	28	9/17/04	70.8 U	**450**	--	Medium/coarse sand
X1-Dry	23	9/17/04	**304**	**7,420**	--	Fine sand
X1-Sat	24	9/17/04	**235**	**6,350**	500 U	Fine sand
X2-Dry	23	9/17/04	**3,550**	**20,100**	--	Fine sand
X2-Sat	24	9/17/04	**1,640**	**23,300**	--	Fine sand
X3-Dry	23	9/20/04	**146**	**5,060**	--	Fine sand
X3-Sat	24	9/20/04	65.8 U	**1,440**	--	Fine sand
X4-Dry	28	9/20/04	70.4 U	**1,090**	--	Medium/coarse sand
X4-Sat	29	9/20/04	**120**	**2,690**	--	Medium/coarse sand

Dry = Sample was collected from the vadose zone; Sat = Sample was collected from the saturated zone
Bold items indicate results above detection limits.
U - Constituent not detected above reported sample quantitation limit.
J - Result qualified as an estimate.
-- - sample was not analyzed for this constituent.

Table 5-13: Phase IV RI
Soil Gas Sample Results - Port Tenant Property
Former Building 2220 Site, Port of Vancouver

Sample ID (ZZZ-SG-##)	Compound		1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Depth	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
POV-SG-01	10	07/29/05	1.6	0.29	0.66 U	0.16 U	0.66 U	0.17 U	0.66 U	0.16 U	0.66 U	0.25 U	0.66 U	0.17 U	50	7.3	0.66 U	0.17 U	22	4.1	0.66 U	0.26 U
POV-SG-01	10	11/09/05	1.2	0.22	0.67 U	0.17 U	0.67 U	0.17 U	0.67 U	0.17 U	0.67 U	0.25 U	0.67 U	0.17 U	63	9.2	0.67 U	0.17 U	20	3.7	0.67 U	0.26 U
POV-SG-01	10	03/22/06	3.8	0.69	1.3 U	0.32 U	1.3 U	0.33 U	1.3 U	0.32 U	1.3 U	0.49 U	1.3	0.33	89	13	1.3 U	0.33 U	17	3.2	1.3 U	0.51 U
POV-SG-01	10	06/07/06	7.2	1.3	1.4 U	0.35 U	1.4 U	0.36 U	1.4 U	0.35 U	1.4 U	0.54 U	3.3	0.83	190	28	1.4 U	0.36 U	54	10	1.4 U	0.56 U
POV-SG-01	10	09/11/06	4.2	0.76	1.3 U	0.31 U	1.3 U	0.32 U	1.3 U	0.31 U	1.3 U	0.47 U	1.3 U	0.32 U	200	29	1.3 U	0.32 U	19	3.5	1.3 U	0.49 U
POV-SG-01	15	07/29/05	1.9	0.35	0.63 U	0.16 U	0.63 U	0.16 U	0.63 U	0.16 U	0.63 U	0.24 U	0.63 U	0.16 U	88	13	0.63 U	0.16 U	36	6.7	0.63 U	0.25 U
POV-SG-01	15	11/09/05	2	0.37	0.64 U	0.16 U	0.64 U	0.16 U	0.64 U	0.16 U	0.64 U	0.24 U	1	0.25	120	18	0.64 U	0.16 U	35	6.6	0.64 U	0.25 U
POV-SG-01 (Dup)	15	11/09/05	2.3	0.43	0.7 U	0.17 U	0.7 U	0.18 U	0.7 U	0.17 U	0.7 U	0.26 U	0.95	0.24	140	20	0.7 U	0.18 U	34	6.3	0.7 U	0.27 U
POV-SG-01	15	03/22/06	11	2.1	5.5	1.3	1.3 U	0.33 U	1.3 U	0.32 U	1.3 U	0.49 U	42	11	420	62	1.3 U	0.33 U	170	31	1.3 U	0.5 U
POV-SG-01	15	09/11/06	6.2	1.1	4.2 U	1 U	4.2 U	1.1 U	4.2 U	1 U	4.2 U	1.6 U	16	3.9	460	68	4.2 U	1.1 U	160	30	4.2 U	1.6 U
POV-SG-01	20	07/29/05	2.1	0.39	0.67 U	0.17 U	0.67 U	0.17 U	0.67 U	0.17 U	0.67 U	0.25 U	1.3	0.33	70	10	0.67 U	0.17 U	53	9.8	0.67 U	0.26 U
POV-SG-01	20	11/09/05	2.3	0.42	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.26 U	1.6	0.41	150	23	0.69 U	0.17 U	45	8.4	0.69 U	0.27 U
POV-SG-01	20	09/11/06	7.1	1.3	4.8 U	1.2 U	4.8 U	1.2 U	4.8 U	1.2 U	4.8 U	1.8 U	17	4.4	560	83	4.8 U	1.2 U	190	35	4.8 U	1.9 U
POV-SG-02	10	07/29/05	1.3	0.25	0.68 U	0.17 U	0.68 U	0.17 U	0.68 U	0.17 U	0.68 U	0.26 U	0.68 U	0.17 U	52	7.6	0.68 U	0.17 U	5.7	1.1	0.68 U	0.27 U
POV-SG-02	10	11/09/05	1.5	0.28	0.64 U	0.16 U	0.64 U	0.16 U	0.64 U	0.16 U	0.64 U	0.24 U	0.64 U	0.16 U	94	14	0.64 U	0.16 U	93	17	0.64 U	0.25 U
POV-SG-02	10	03/22/06	2.2	0.4	1.3 U	0.33 U	1.3 U	0.33 U	1.3 U	0.33 U	1.3 U	0.5 U	1.3 U	0.33 U	65	9.6	1.3 U	0.33 U	23	4.3	1.3 U	0.52 U
POV-SG-02	10	06/07/06	1.9	0.35	1.3 U	0.33 U	1.3 U	0.34 U	1.3 U	0.33 U	1.3 U	0.51 U	1.3 U	0.34 U	73	11	1.3 U	0.34 U	37	6.9	1.3 U	0.52 U
POV-SG-02 (Dup)	10	06/07/06	1.9	0.35	1.4 U	0.34 U	1.4 U	0.35 U	1.4 U	0.34 U	1.4 U	0.53 U	1.4 U	0.35 U	80	12	1.4 U	0.35 U	60	11	1.4 U	0.54 U
POV-SG-02	10	09/11/06	1.7	0.31	1.3 U	0.31 U	1.3 U	0.32 U	1.3 U	0.31 U	1.3 U	0.48 U	1.5	0.39	130	19	1.3 U	0.32 U	36	6.7	1.3 U	0.49 U
POV-SG-02	15	07/29/05	4	0.74	1.2	0.3	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.26 U	8.8	2.2	180	27	0.69 U	0.17 U	57	11	0.69 U	0.27 U
POV-SG-02	15	11/09/05	1.7	0.32	0.67 U	0.16 U	0.67 U	0.17 U	0.67 U	0.16 U	0.67 U	0.25 U	0.67	0.17	100	15	0.67 U	0.17 U	48	9	0.67 U	0.26 U
POV-SG-02	15	03/22/06	2.6	0.48	1.4 U	0.34 U	1.4 U	0.35 U	1.4 U	0.34 U	1.4 U	0.52 U	2.3	0.58	89	13	1.4 U	0.35 U	37	7	1.4 U	0.54 U
POV-SG-02	15	09/11/06	2.7 U	0.49 U	2.7 U	0.66 U	2.7 U	0.67 U	2.7 U	0.66 U	2.7 U	1 U	3.6	0.9	170	25	2.7 U	0.67 U	63	12	2.7 U	1 U
POV-SG-02	20	07/29/05	3	0.56	0.98	0.24	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.26 U	7.5	1.9	160	23	0.69 U	0.17 U	62	12	0.69 U	0.27 U
POV-SG-02 (Dup)	20	07/29/05	2.8	0.52	0.88	0.22	0.67 U	0.17 U	0.67 U	0.16 U	0.67 U	0.25 U	6.6	1.7	130	20	0.67 U	0.17 U	52	9.7	0.67 U	0.26 U
POV-SG-02	20	11/09/05	1.9	0.35	0.6 U	0.15 U	0.6 U	0.15 U	0.6 U	0.15 U	0.6 U	0.23 U	1.3	0.34	120	18	0.6 U	0.15 U	64	12	0.6 U	0.23 U
POV-SG-02	20	03/22/06	2.4	0.45	1.3 U	0.32 U	1.3 U	0.33 U	1.3 U	0.32 U	1.3 U	0.49 U	3.1	0.78	120	17	1.3 U	0.33 U	55	10	1.3 U	0.5 U
POV-SG-02	20	09/11/06	1.3 U	0.25 U	1.3 U	0.33 U	1.3 U	0.34 U	1.3 U	0.33 U	1.3 U	0.51 U	1.3 U	0.34 U	1.3 U	0.2 U	1.3 U	0.34 U	1.3 U	0.25 U	1.3 U	0.52 U
POV-SG-03	10	07/29/05	48	8.8	1.6	0.4	21	5.3	0.62 U	0.15 U	0.62 U	0.24 U	5.9	1.5	450	67	0.62 U	0.16 U	390	73	0.69	0.27
POV-SG-03	10	11/08/05	78	14	1.4	0.35	5.5	1.4	0.79 U	0.19 U	3.8	1.4	3.1	0.78	490	72	0.79 U	0.2 U	470	87	0.79 U	0.31 U
POV-SG-03	10	03/22/06	120	21	17 U	4.2 U	17 U	4.2 U	17 U	4.2 U	17 U	6.4 U	17 U	4.2 U	970	140	17 U	4.2 U	1100	200	17 U	6.6 U
POV-SG-03	10	06/08/06	130	23	5.6 U	1.4 U	9.2	2.3	5.6 U	1.4 U	5.6 U	2.1 U	6.2	1.6	1100	160	5.6 U	1.4 U	1300	250	5.6 U	2.2 U
POV-SG-03	10	09/08/06	450	82	110 U	27 U	110 U	27 U	110 U	27 U	110 U	41 U	110 U	27 U	5100	750	110 U	27 U	6700	1300	110 U	42 U
POV-SG-03	15	07/29/05	70	13	3.1	0.76	30	7.6	0.69 U	0.17 U	0.69 U	0.26 U	14	3.4	830	120	0.69 U	0.17 U	820	150	0.69 U	0.27 U
POV-SG-03	15	11/08/05	120	23	3.4	0.83	17	4.3	0.78 U	0.19 U	0.78 U	0.3 U	15	3.8	1400	210	0.78 U	0.2 U	1500	270	0.78 U	0.31 U
POV-SG-03 (Dup)	15	11/08/05	78	14	2.1	0.53	7.9	2	0.68 U	0.17 U	0.68 U	0.26 U	7.5	1.9	960	140	0.68 U	0.17 U	1000	190	0.68 U	0.27 U
POV-SG-03	15	03/22/06	140	25	20 U	4.9 U	20 U	5 U	20 U	4.9 U	20 U	7.5 U	20 U	5 U	1300	190	20 U	5 U	1500	280	20 U	7.7 U
POV-SG-03	15	06/08/06	170	32	6.8 U	1.7 U	13	3.3	6.8 U	1.7 U	6.8 U	2.6 U	10	2.6	1400	210	6.8 U	1.7 U	1900	350	6.8 U	2.6 U
POV-SG-03	15	09/08/06	150	27	27 U	6.6 U	27 U	6.7 U	27 U	6.6 U	27 U	10 U	27 U	6.7 U	2100	310	27 U	6.7 U	2100	380	27 U	10 U
POV-SG-03	20	07/29/05	1000	190	34	8.4	170	44	26 U	6.4 U	26 U	9.8 U	260	66	15000	2200	26 U	6.5 U	30000	5600	26 U	10 U
POV-SG-03	20	11/08/05	670	120	42	10	99	25	7.8 U	1.9 U	7.8 U	3 U	150	37	7400	1100	7.8 U	2 U	13000	2400	7.8 U	3.1 U
POV-SG-03	20	03/22/06	830	150	200 U	49 U	200 U	50 U	200 U	49 U	200 U	75 U	200 U	50 U	9500	1400	200 U	50 U	17000	3100	200 U	77 U
POV-SG-03	20	09/08/06	120	21	19 U	4.6 U	19 U	4.7 U	19 U	4.6 U	19 U	7.1 U	19 U	4.7 U	1500	220	19 U	4.7 U	1300	240	19 U	7.3 U
POV-SG-04	10	07/29/05	84	15	21 U	5.2 U	21 U	5.3 U	21 U	5.2 U	21 U	8 U	47	12	2700	400	21 U	5.3 U	23000	4300	21 U	8.3 U
POV-SG-04	10	11/09/05	74	13	14 U	3.5 U	14 U	3.6 U	14 U	3.5 U	14 U	5.4 U	43	11	2500	370	14 U	3.6 U	19000	3600	14 U	5.6 U
POV-SG-04	10	02/23/06	230 U	41 U	230 U	56 U	230 U	57 U	230 U	56 U	230 U	85 U	230 U	57 U	2400	350	230 U	57 U	18000	3400	230 U	88 U
POV-SG-04	10	03/24/06	180 U	33 U	180 U	44 U	180 U	45 U	180 U	44 U	180 U	68 U	180 U	45 U	2000	300	180 U	45 U	16000	3100	180 U	70 U
POV-SG-04	10	06/07/06	190 U	35 U	190 U	47 U	190 U	48 U	190 U	47 U	190 U	73 U	190 U	48 U	2700	400	190 U	48 U	19000	3600	190 U	75 U
POV-SG-04	10	09/08/06	280 U	51 U	280 U	69 U	280 U	71 U	280 U	69 U	280 U	110 U	280 U	71 U	4300	630	280 U	71 U	23000	4300	280 U	110 U
POV-SG-04	15	07/29/05	59	11	32 U	7.9 U	32 U	8.1 U	32 U	7.9 U	32 U	12 U	86	22	1800	270	32 U	8.1 U	33000	6200	32 U	13 U
POV-SG-04	15	11/09/05	120	22	24	6	32	8.1	17 U	4.2 U	17 U	6.5 U	130	34	3400	510	17 U	4.3 U	28000	5200	17 U	6.7 U

Table 5-13: Phase IV RI
Soil Gas Sample Results - Port Tenant Property
Former Building 2220 Site, Port of Vancouver

Sample ID (ZZZ-SG-##)	Compound		1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Depth	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
POV-SG-04	15	02/23/06	390 U	72 U	390 U	96 U	390 U	98 U	390 U	96 U	390 U	150 U	390 U	98 U	4600	670	390 U	98 U	31000	5800	390 U	150 U
POV-SG-04	15	03/24/06	340 U	62 U	340 U	84 U	340 U	86 U	340 U	84 U	340 U	130 U	340 U	86 U	4100	610	340 U	86 U	29000	5300	340 U	130 U
POV-SG-04	15	06/07/06	200	37	89 U	22 U	89 U	23 U	89 U	22 U	89 U	34 U	100	25	4000	590	89 U	23 U	29000	5400	89 U	35 U
POV-SG-04	15	09/08/06	450 U	83 U	450 U	110 U	450 U	110 U	450 U	110 U	450 U	170 U	450 U	110 U	5700	830	450 U	110 U	30000	5600	450 U	180 U
POV-SG-04 (Dup)	15	09/08/06	380 U	69 U	380 U	93 U	380 U	95 U	380 U	93 U	380 U	140 U	380 U	95 U	5100	760	380 U	95 U	29000	5400	380 U	150 U
POV-SG-04	20	07/29/05	90	16	43 U	11 U	43 U	11 U	43 U	11 U	43 U	16 U	190	48	3200	470	43 U	11 U	46000	8600	43 U	17 U
POV-SG-04	20	11/09/05	300	54	37	9.1	77	19	16 U	4 U	16 U	6.1 U	230	59	5900	860	16 U	4 U	31000	5700	16 U	6.3 U
POV-SG-04	20	02/23/06	590 U	110 U	590 U	150 U	590 U	150 U	590 U	150 U	590 U	220 U	590 U	150 U	8000	1200	590 U	150 U	46000	8600	590 U	230 U
POV-SG-04	20	03/24/06	410 U	76 U	410 U	100 U	410 U	100 U	410 U	100 U	410 U	160 U	410 U	100 U	6100	910	410 U	100 U	41000	7600	410 U	160 U
POV-SG-04	20	09/08/06	450 U	82 U	450 U	110 U	450 U	110 U	450 U	110 U	450 U	170 U	450 U	110 U	7500	1100	450 U	110 U	33000	6100	450 U	170 U
POV-SG-05	10	07/29/05	19	3.5	6.7 U	1.7 U	6.7 U	1.7 U	6.7 U	1.7 U	6.7 U	2.5 U	9.9	2.5	370	54	6.7 U	1.7 U	3800	710	6.7 U	2.6 U
POV-SG-05	10	11/08/05	17	3	3.2 U	0.79 U	3.2 U	0.81 U	3.2 U	0.79 U	3.2 U	1.2 U	8	2	640	94	3.2 U	0.81 U	6300	1200	3.2 U	1.3 U
POV-SG-05	10	03/24/06	55 U	10 U	55 U	14 U	55 U	14 U	55 U	14 U	55 U	21 U	55 U	14 U	400	58	55 U	14 U	4700	870	55 U	21 U
POV-SG-05	10	06/08/06	15	2.8	14 U	3.5 U	14 U	3.5 U	14 U	3.5 U	14 U	5.3 U	14 U	3.5 U	450	66	14 U	3.5 U	5300	990	14 U	5.5 U
POV-SG-05	10	09/11/06	110 U	20 U	110 U	26 U	110 U	27 U	110 U	26 U	110 U	41 U	110 U	27 U	610	90	110 U	27 U	6000	1100	110 U	42 U
POV-SG-05	15	07/29/05	15	2.8	5.3 U	1.3 U	5.3 U	1.3 U	5.3 U	1.3 U	5.3 U	2 U	9.5	2.4	370	55	5.3 U	1.3 U	3300	620	5.3 U	2.1 U
POV-SG-05	15	11/08/05	120 U	22 U	120 U	30 U	120 U	31 U	120 U	30 U	120 U	46 U	120 U	31 U	1100	160	120 U	31 U	13000	2400	120 U	48 U
POV-SG-05	15	03/24/06	63 U	12 U	63 U	16 U	63 U	16 U	63 U	16 U	63 U	24 U	63 U	16 U	400	59	63 U	16 U	5100	940	63 U	25 U
POV-SG-05	15	06/08/06	67 U	12 U	67 U	17 U	67 U	17 U	67 U	17 U	67 U	25 U	67 U	17 U	490	72	67 U	17 U	5800	1100	67 U	26 U
POV-SG-05	15	09/11/06	110 U	20 U	110 U	27 U	110 U	28 U	110 U	27 U	110 U	41 U	110 U	28 U	670	99	110 U	28 U	6600	1200	110 U	43 U
POV-SG-05	20	07/29/05	23	4.1	6.2 U	1.5 U	6.2 U	1.6 U	6.2 U	1.5 U	6.2 U	2.4 U	20	5	590	86	6.2 U	1.6 U	6700	1200	6.2 U	2.4 U
POV-SG-05	20	11/08/05	21	3.9	4.1 U	1 U	4.1 U	1 U	4.1 U	1 U	4.1 U	1.5 U	18	4.5	740	110	4.1 U	1 U	8600	1600	4.1 U	1.6 U
POV-SG-05	20	03/24/06	85 U	16 U	85 U	21 U	85 U	21 U	85 U	21 U	85 U	32 U	85 U	21 U	610	90	85 U	21 U	8000	1500	85 U	33 U
POV-SG-05	20	09/11/06	120 U	23 U	120 U	31 U	120 U	31 U	120 U	31 U	120 U	47 U	120 U	31 U	780	110	120 U	31 U	8300	1500	120 U	49 U
POV-SG-06	10	07/28/05	1.4	0.26	0.63 U	0.15 U	0.63 U	0.16 U	0.63 U	0.15 U	0.63 U	0.24 U	0.63 U	0.16 U	15	2.2	0.63 U	0.16 U	2	0.38	0.63 U	0.24 U
POV-SG-06 (Dup)	10	07/28/05	1.6	0.3	0.62 U	0.15 U	0.62 U	0.16 U	0.62 U	0.15 U	0.62 U	0.24 U	0.62 U	0.16 U	8.7	1.3	0.62 U	0.16 U	2	0.38	0.62 U	0.24 U
POV-SG-06	10	11/07/05	1.4	0.25	0.63 U	0.15 U	0.63 U	0.16 U	0.63 U	0.15 U	0.7	0.27	0.63 U	0.16 U	14	2.1	0.63 U	0.16 U	3.9	0.73	0.63 U	0.24 U
POV-SG-06	10	03/24/06	1.2 U	0.22 U	1.2 U	0.3 U	1.2 U	0.31 U	1.2 U	0.3 U	1.2 U	0.46 U	1.2 U	0.31 U	17	2.5	1.2 U	0.31 U	40	7.5	1.2 U	0.48 U
POV-SG-06	10	06/07/06	1.4 U	0.26 U	1.4 U	0.35 U	1.4 U	0.35 U	1.4 U	0.35 U	1.4 U	0.53 U	1.4 U	0.35 U	9.8	1.4	1.4 U	0.35 U	1.4 U	0.26 U	1.4 U	0.55 U
POV-SG-06	10	09/08/06	1.3 U	0.24 U	1.3 U	0.32 U	1.3 U	0.33 U	1.3 U	0.32 U	1.3 U	0.5 U	1.3 U	0.33 U	20	3	1.3 U	0.33 U	2.4	0.44	1.3 U	0.51 U
POV-SG-06	15	07/28/05	2.2	0.4	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.26 U	0.69 U	0.17 U	12	1.8	0.69 U	0.17 U	0.96	0.18	0.69 U	0.27 U
POV-SG-06	15	11/07/05	2.2	0.41	0.71 U	0.17 U	0.71 U	0.18 U	0.71 U	0.17 U	0.71 U	0.27 U	0.71 U	0.18 U	13	2	0.71 U	0.18 U	1.4	0.27	0.71 U	0.28 U
POV-SG-06	15	03/24/06	2.2	0.4	1.4 U	0.34 U	1.4 U	0.35 U	1.4 U	0.34 U	1.4 U	0.52 U	1.4 U	0.35 U	14	2.1	1.4 U	0.35 U	9.7	1.8	1.4 U	0.54 U
POV-SG-06	15	06/07/06	1.8	0.32	1.3 U	0.33 U	1.3 U	0.33 U	1.3 U	0.33 U	1.3 U	0.5 U	1.3 U	0.33 U	14	2	1.3 U	0.33 U	1.3 U	0.25 U	1.3 U	0.52 U
POV-SG-06	15	09/08/06	1.3 U	0.24 U	1.3 U	0.32 U	1.3 U	0.33 U	1.3 U	0.32 U	1.3 U	0.5 U	1.3 U	0.33 U	4.8	0.71	1.3 U	0.33 U	1.3 U	0.24 U	1.3 U	0.51 U
POV-SG-06	20	07/28/05	3.1	0.58	0.66 U	0.16 U	0.66 U	0.17 U	0.66 U	0.16 U	0.66 U	0.25 U	0.66 U	0.17 U	18	2.7	0.66 U	0.17 U	4.5	0.85	0.66 U	0.26 U
POV-SG-06	20	11/07/05	3.2	0.59	0.71 U	0.17 U	0.71 U	0.18 U	0.71 U	0.17 U	0.71 U	0.27 U	0.71 U	0.18 U	23	3.4	0.71 U	0.18 U	17	3.2	0.71 U	0.28 U
POV-SG-06	20	03/24/06	3	0.56	1.4 U	0.34 U	1.4 U	0.35 U	1.4 U	0.34 U	1.4 U	0.53 U	1.4 U	0.35 U	19	2.8	1.4 U	0.35 U	8.4	1.6	1.4 U	0.54 U
POV-SG-06	20	09/08/06	2.2	0.41	1.3 U	0.31 U	1.3 U	0.32 U	1.3 U	0.31 U	1.3 U	0.48 U	1.3 U	0.32 U	23	3.3	1.3 U	0.32 U	6.7	1.2	1.3 U	0.5 U
POV-SG-07	10	07/28/05	43	7.9	0.69 U	0.17 U	13	3.2	0.69 U	0.17 U	0.69 U	0.26 U	0.69 U	0.17 U	160	23	0.69 U	0.17 U	230	42	0.69 U	0.27 U
POV-SG-07	10	11/07/05	130	24	0.71 U	0.17 U	8.4	2.1	0.71 U	0.17 U	0.71 U	0.27 U	1	0.26	510	75	0.71 U	0.18 U	530	99	0.71 U	0.28 U
POV-SG-07	10	03/20/06	100	18	7.5 U	1.9 U	7.5 U	1.9 U	7.5 U	1.9 U	7.5 U	2.8 U	7.5 U	1.9 U	370	55	7.5 U	1.9 U	380	71	7.5 U	2.9 U
POV-SG-07	10	06/06/06	110	19	1.4 U	0.34 U	2.3	0.59	1.4 U	0.34 U	1.4 U	0.52 U	1.4 U	0.35 U	400	59	1.4 U	0.35 U	410	77	1.4 U	0.54 U
POV-SG-07	10	09/07/06	120	21	11 U	2.8 U	11 U	2.8 U	11 U	2.8 U	11 U	4.3 U	11 U	2.8 U	580	86	11 U	2.8 U	460	86	11 U	4.4 U
POV-SG-07	15	07/27/05	64	12	0.68 U	0.17 U	19	4.7	0.68 U	0.17 U	0.68 U	0.26 U	1.6	0.4	370	55	0.68 U	0.17 U	530	99	0.68 U	0.27 U
POV-SG-07	15	11/07/05	140	26	0.9	0.22	7.5	1.9	0.7 U	0.17 U	0.7 U	0.26 U	1.5	0.38	530	78	0.7 U	0.18 U	590	110	0.7 U	0.27 U
POV-SG-07	15	03/20/06	120	21	8.3 U	2.1 U	8.3 U	2.1 U	8.3 U	2.1 U	8.3 U	3.2 U	8.3 U	2.1 U	430	64	8.3 U	2.1 U	480	89	8.3 U	3.3 U
POV-SG-07	15	06/06/06	120	21	2.7 U	0.68 U	2.7 U	0.69 U	2.7 U	0.68 U	2.7 U	1 U	2.7 U	0.69 U	490	73	2.7 U	0.69 U	530	99	2.7 U	1.1 U
POV-SG-07	15	09/07/06	150	28	8.4 U	2.1 U	8.4 U	2.1 U	8.4 U	2.1 U	8.4 U	3.2 U	8.4 U	2.1 U	670	98	8.4 U	2.1 U	640	120	8.4 U	3.3 U
POV-SG-07	20	07/27/05	76	14	0.87	0.21	23	5.8	0.63 U	0.16 U	0.63 U	0.24 U	3.3	0.84	360	53	0.63 U	0.16 U	610	110	0.63 U	0.25 U
POV-SG-07	20	11/07/05	290	53	2.8	0.69	10	2.6	0.77 U	0.19 U	0.77 U	0.29 U	3.7	0.93	930	140	0.77 U	0.19 U	1100	200	0.77 U	0.3 U

Table 5-13: Phase IV RI
Soil Gas Sample Results - Port Tenant Property
Former Building 2220 Site, Port of Vancouver

Sample ID (ZZZ-SG-##)	Compound		1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Depth	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
POV-SG-07	20	03/20/06	150	28	10 U	2.5 U	10 U	2.6 U	10 U	2.5 U	10 U	3.8 U	10 U	2.6 U	610	89	10 U	2.6 U	740	140	10 U	4 U
POV-SG-07	20	06/06/06	140	26	2.8 U	0.69 U	4.2	1.1	2.8 U	0.69 U	2.8 U	1.1 U	2.8 U	0.71 U	610	90	2.8 U	0.71 U	710	130	2.8 U	1.1 U
POV-SG-07	20	09/07/06	230	42	14 U	3.5 U	14 U	3.6 U	14 U	3.5 U	14 U	5.3 U	14 U	3.6 U	890	130	14 U	3.6 U	1000	190	14 U	5.5 U
POV-SG-08	10	07/28/05	52	9.6	2	0.49	16	4.1	0.66 U	0.16 U	0.66 U	0.25 U	5.3	1.3	880	130	0.66 U	0.17 U	2200	420	0.66 U	0.26 U
POV-SG-08	10	11/07/05	59	11	1.9	0.47	2	0.52	0.7 U	0.17 U	0.7 U	0.26 U	4.2	1	880	130	0.7 U	0.18 U	2400	440	0.7 U	0.27 U
POV-SG-08	10	03/20/06	48	8.8	22 U	5.5 U	22 U	5.6 U	22 U	5.5 U	22 U	8.4 U	22 U	5.6 U	780	110	22 U	5.6 U	2300	430	22 U	8.7 U
POV-SG-08	10	06/07/06	44	8.1	10 U	2.5 U	10 U	2.5 U	10 U	2.5 U	10 U	3.8 U	10 U	2.5 U	690	100	10 U	2.5 U	2100	400	10 U	3.9 U
POV-SG-08	10	09/08/06	40	7.4	36 U	8.8 U	36 U	9 U	36 U	8.8 U	36 U	13 U	36 U	9 U	1000	150	36 U	9 U	2400	450	36 U	14 U
POV-SG-08	15	07/28/05	77	14	5.9	1.5	16	4	4.6 U	1.1 U	4.6 U	1.7 U	26	6.6	1300	180	4.6 U	1.2 U	4900	910	4.6 U	1.8 U
POV-SG-08	15	11/07/05	78	14	7.1	1.8	12	3	6.5 U	1.6 U	6.5 U	2.5 U	23	5.9	1300	190	6.5 U	1.6 U	5600	1000	6.5 U	2.5 U
POV-SG-08	15	03/20/06	69 U	13 U	69 U	17 U	69 U	17 U	69 U	17 U	69 U	26 U	69 U	17 U	1200	180	69 U	17 U	5000	940	69 U	27 U
POV-SG-08	15	06/07/06	76	14	17 U	4.3 U	17 U	4.4 U	17 U	4.3 U	17 U	6.6 U	21	5.4	1300	190	17 U	4.4 U	5500	1000	17 U	6.8 U
POV-SG-08	15	09/08/06	97 U	18 U	97 U	24 U	97 U	25 U	97 U	24 U	97 U	37 U	97 U	25 U	2100	310	97 U	25 U	6600	1200	97 U	38 U
POV-SG-08	20	07/28/05	160	30	56	14	100	26	28 U	6.9 U	28 U	11 U	430	110	5500	810	28 U	7 U	30000	5600	28 U	11 U
POV-SG-08	20	11/07/05	230	42	140 U	34 U	140 U	34 U	140 U	34 U	140 U	52 U	530	130	9900	1500	140 U	34 U	51000	9500	140 U	53 U
POV-SG-08	20	03/20/06	33 U	6.1 U	33 U	8.2 U	33 U	8.4 U	33 U	8.2 U	33 U	13 U	55	14	330	48	33 U	8.4 U	3300	610	33 U	13 U
POV-SG-08	20	09/08/06	450 U	83 U	450 U	110 U	450 U	110 U	450 U	110 U	450 U	170 U	450 U	110 U	8700	1300	450 U	110 U	31000	5700	450 U	180 U
POV-SG-09	10	07/28/05	3.9	0.72	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.26 U	0.69 U	0.17 U	24	3.5	0.69 U	0.17 U	6.8	1.3	0.69 U	0.27 U
POV-SG-09	10	11/07/05	3.7	0.67	0.65 U	0.16 U	0.65 U	0.16 U	0.65 U	0.16 U	0.65 U	0.24 U	0.65 U	0.16 U	32	4.7	0.65 U	0.16 U	11	2	0.65 U	0.25 U
POV-SG-09	10	03/24/06	2.6	0.48	1.3 U	0.33 U	1.3 U	0.34 U	1.3 U	0.33 U	1.3 U	0.5 U	1.3 U	0.34 U	18	2.7	1.3 U	0.34 U	13	2.3	1.3 U	0.52 U
POV-SG-09	10	06/06/06	3.1	0.56	1.3 U	0.33 U	1.3 U	0.34 U	1.3 U	0.33 U	1.3 U	0.51 U	1.3 U	0.34 U	22	3.3	1.3 U	0.34 U	1.3 U	0.25 U	1.3 U	0.52 U
POV-SG-09	10	09/07/06	2	0.36	1.4 U	0.35 U	1.4 U	0.35 U	1.4 U	0.35 U	1.4 U	0.53 U	1.4 U	0.35 U	34	5	1.4 U	0.35 U	1.4 U	0.26 U	1.4 U	0.55 U
POV-SG-09	15	07/28/05	3.4	0.63	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.26 U	0.69 U	0.17 U	18	2.6	0.69 U	0.17 U	4.8	0.89	0.69 U	0.27 U
POV-SG-09	15	11/07/05	4.5	0.83	0.77 U	0.19 U	0.77 U	0.19 U	0.77 U	0.19 U	0.77 U	0.29 U	0.77 U	0.19 U	39	5.8	0.77 U	0.19 U	12	2.2	0.77 U	0.3 U
POV-SG-09	15	03/24/06	3.5	0.63	1.3 U	0.31 U	1.3 U	0.32 U	1.3 U	0.31 U	1.3 U	0.48 U	1.3 U	0.32 U	22	3.3	1.3 U	0.32 U	4.8	0.89	1.3 U	0.49 U
POV-SG-09	15	06/06/06	2.9	0.54	1.4 U	0.33 U	1.4 U	0.34 U	1.4 U	0.33 U	1.4 U	0.51 U	1.4 U	0.34 U	21	3.1	1.4 U	0.34 U	2.7	0.51	1.4 U	0.53 U
POV-SG-09	15	09/07/06	1.4 U	0.25 U	1.4 U	0.34 U	1.4 U	0.34 U	1.4 U	0.34 U	1.4 U	0.52 U	1.4 U	0.34 U	1.4 U	0.2 U	1.4 U	0.34 U	1.4 U	0.25 U	1.4 U	0.53 U
POV-SG-09	20	07/28/05	4.5	0.83	0.72 U	0.18 U	0.72 U	0.18 U	0.72 U	0.18 U	0.72 U	0.27 U	0.72 U	0.18 U	49	7.2	0.72 U	0.18 U	20	3.8	0.72 U	0.28 U
POV-SG-09	20	11/07/05	7.2	1.3	0.82 U	0.2 U	0.82 U	0.21 U	0.82 U	0.2 U	0.82 U	0.31 U	0.82 U	0.21 U	50	7.4	0.82 U	0.21 U	6	1.1	0.82 U	0.32 U
POV-SG-09	20	03/24/06	6.7	1.2	1.4 U	0.34 U	1.4 U	0.34 U	1.4 U	0.34 U	1.4 U	0.52 U	1.4 U	0.34 U	39	5.7	1.4 U	0.34 U	7.8	1.5	1.4 U	0.53 U
POV-SG-09	20	09/07/06	3.3 U	0.61 U	3.3 U	0.82 U	3.3 U	0.83 U	3.3 U	0.82 U	3.3 U	1.3 U	3.3 U	0.83 U	36	5.4	3.3 U	0.83 U	4	0.74	3.3 U	1.3 U
POV-SG-10	10	07/27/05	20	3.7	0.79	0.19	7.1	1.8	0.69 U	0.17 U	0.69 U	0.26 U	2.5	0.63	25	3.6	0.69 U	0.17 U	76	14	0.69 U	0.27 U
POV-SG-10	10	11/07/05	0.63	0.12	0.59 U	0.15 U	0.59 U	0.15 U	0.59 U	0.15 U	0.59 U	0.22 U	0.59 U	0.15 U	1.7	0.25	0.59 U	0.15 U	14	2.7	0.59 U	0.23 U
POV-SG-10	10	03/20/06	36	6.5	1.5 U	0.37 U	1.5 U	0.37 U	1.5 U	0.37 U	1.5 U	0.56 U	1.5 U	0.37 U	100	15	1.5 U	0.37 U	140	25	1.5 U	0.58 U
POV-SG-10	10	06/06/06	7.7	1.4	1.4 U	0.34 U	1.4 U	0.34 U	1.4 U	0.34 U	1.4 U	0.52 U	1.4 U	0.34 U	24	3.6	1.4 U	0.34 U	29	5.4	1.4 U	0.53 U
POV-SG-10	10	09/07/06	21	3.8	1.4 U	0.35 U	1.4 U	0.36 U	1.4 U	0.35 U	1.4 U	0.54 U	1.4 U	0.36 U	130	20	1.4 U	0.36 U	120	23	1.4 U	0.56 U
POV-SG-10	15	07/27/05	100	19	5	1.2	16	4	1.3 U	0.33 U	1.3 U	0.51 U	27	6.8	540	80	1.3 U	0.34 U	1200	220	1.3 U	0.52 U
POV-SG-10	15	11/07/05	120	23	1.7	0.41	14	3.5	0.63 U	0.16 U	0.63 U	0.24 U	7.3	1.8	540	80	0.63 U	0.16 U	860	160	0.63 U	0.25 U
POV-SG-10	15	03/20/06	250	45	25 U	6.1 U	25 U	6.3 U	25 U	6.1 U	25 U	9.4 U	25 U	6.3 U	1200	170	25 U	6.3 U	2400	450	25 U	9.7 U
POV-SG-10	15	06/06/06	250	46	5.4 U	1.3 U	7.4	1.9	5.4 U	1.3 U	5.4 U	2 U	11	2.8	1200	170	5.4 U	1.4 U	2800	530	5.4 U	2.1 U
POV-SG-10	15	09/07/06	300	54	50 U	12 U	50 U	13 U	50 U	12 U	50 U	19 U	50 U	13 U	1700	250	50 U	13 U	3000	560	50 U	20 U
POV-SG-10	20	07/26/05	140	25	7.8	1.9	17	4.4	2.1 U	0.53 U	2.1 U	0.81 U	49	12	740	110	2.1 U	0.54 U	1700	320	2.1 U	0.83 U
POV-SG-10	20	11/07/05	380	70	6.3	1.6	68	17	0.77 U	0.19 U	0.77 U	0.29 U	33	8.3	1600	240	0.77 U	0.19 U	2400	450	0.77 U	0.3 U
POV-SG-10	20	03/20/06	410	75	42 U	10 U	42 U	11 U	42 U	10 U	42 U	16 U	42 U	11 U	2000	290	42 U	11 U	4300	790	42 U	16 U
POV-SG-10	20	06/06/06	380	69	9.3 U	2.3 U	11	2.8	9.3 U	2.3 U	9.3 U	3.5 U	20	5	1800	260	9.3 U	2.3 U	4200	770	9.3 U	3.6 U
POV-SG-10	20	09/07/06	270	49	41 U	10 U	41 U	10 U	41 U	10 U	41 U	16 U	41 U	10 U	1700	250	41 U	10 U	3200	590	41 U	16 U

NOTES:

Sample IDs

ZZZ = Site (e.g. CM = Cascade Manufacturing, POV = Port of Vancouver)

SG = Soil Gas

Table 5-13: Phase IV RI
Soil Gas Sample Results - Port Tenant Property
Former Building 2220 Site, Port of Vancouver

Sample ID (ZZZ-SG-##)	Compound		1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Depth	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv

= Monitoring Well

Units

µg/m^3 = micrograms per cubic meter

ppbv = parts per billion volume (compound concentrations converted from µg/m^3 to ppbv using ideal gas constant at 20ºC and compound molecular weight)

Miscellaneous

(Dup) = Field Duplicate

Data Qualifiers

U = Not detected at or above the method reporting limit).

UJ = Not detected at or above the method reporting limit. However, the method reporting limit value is uncertain.

J = The analyte was positively identified but the associated value is approximate.

N = Indicates an analyte has been tentatively identified but not all required identification criteria were met. The associated result is both qualitatively and quantitatively uncertain.

R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Compounds

1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene

Table 5-14: Phase IV RI
Soil Gas Sample Results - South Fruit Valley Neighborhood
Former Building 2220 Site, Port of Vancouver

Sample ID (ZZ-SG-##)	Compound		1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Depth	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
CM-SG-13	10	06/27/05	27	4.9	4.1 U	1 U	4.8	1.2	4.1 U	1 U	0.66	0.25	4.1 U	1 U	60	8.8	4.1 U	1 U	72	13	1.1	0.43
CM-SG-13	10	08/31/05	51	9.3	1.2 U	0.3 U	5.4	1.4	1.2 U	0.3 U	0.49	0.19	1.2 U	0.3 U	150	22	1.2 U	0.3 U	190	35	0.37	0.14
CM-SG-13	10	11/07/05	110	20	6 U	1.5 U	14	3.5	6 U	1.5 U	6 U	2.3 U	6 U	1.5 U	360	53	6 U	1.5 U	520	97	6 U	2.3 U
CM-SG-13	10	03/21/06	21	3.8	4.2 U	1 U	4.2 U	1.1 U	4.2 U	1 U	4.2 U	1.6 U	4.2 U	1.1 U	94	14	4.2 U	1.1 U	48	9	4.2 U	1.7 U
CM-SG-13	10	06/01/06	38	7	5 U	1.2 U	5 U	1.3 U	5 U	1.2 U	5 U	1.9 U	5 U	1.3 U	120	18	5 U	1.3 U	81	15	5 U	2 U
CM-SG-13	10	09/06/06	47	8.6	2.7 U	0.67 U	2.7 U	0.69 U	2.7 U	0.67 U	2.7 U	1 U	2.7 U	0.69 U	250	37	2.7 U	0.69 U	210	39	2.7 U	1.1 U
CM-SG-13	15	06/27/05	190	35	12 U	3 U	26	6.6	12 U	3 U	12 U	4.5 U	12 U	3 U	470	69	12 U	3 U	1000	190	12 U	4.7 U
CM-SG-13	15	08/31/05	170	31	0.28	0.069	16	4	2.4 U	0.59 U	2.4 U	0.91 U	0.33	0.083	710	100	2.4 U	0.61 U	1400	260	2.4 U	0.94 U
CM-SG-13	15	11/07/05	350	64	30 U	7.4 U	49	12	30 U	7.4 U	30 U	11 U	30 U	7.6 U	1300	190	30 U	7.6 U	2700	500	30 U	12 U
CM-SG-13	15	03/21/06	51	9.4	7 U	1.7 U	7 U	1.8 U	7 U	1.7 U	7 U	2.6 U	7 U	1.8 U	270	40	7 U	1.8 U	280	52	7 U	2.7 U
CM-SG-13	15	06/01/06	120	22	12 U	3 U	12 U	3.1 U	12 U	3 U	12 U	4.6 U	12 U	3.1 U	370	54	12 U	3.1 U	510	95	12 U	4.7 U
CM-SG-13	15	09/06/06	80	15	6.7 U	1.6 U	6.7 U	1.7 U	6.7 U	1.6 U	6.7 U	2.5 U	6.7 U	1.7 U	480	70	6.7 U	1.7 U	590	110	6.7 U	2.6 U
CM-SG-13	20	06/27/05	410	75	31 U	7.7 U	60	15	31 U	7.7 U	31 U	12 U	31 U	7.8 U	1400	210	31 U	7.8 U	3100	580	31 U	12 U
CM-SG-13	20	08/31/05	400	73	1.3	0.32	54	14	8.1 U	2 U	8.1 U	3.1 U	3.1	0.78	1100	160	8.1 U	2 U	4100	760	8.1 U	3.2 U
CM-SG-13	20	11/07/05	410	75	60 U	15 U	29	7.3	60 U	15 U	60 U	23 U	4.7	1.2	1700	250	60 U	15 U	4700	870	60 U	23 U
CM-SG-13	20	03/21/06	5.4	0.98	1.2 U	0.29 U	1.2 U	0.3 U	1.2 U	0.29 U	1.2 U	0.45 U	1.2 U	0.3 U	15	2.3	1.2 U	0.3 U	25	4.7	1.2 U	0.47 U
CM-SG-13	20	06/01/06	300	55	13 U	3.3 U	13 U	3.4 U	13 U	3.3 U	13 U	5 U	13 U	3.4 U	860	130	13 U	3.4 U	1500	280	13 U	5.2 U
CM-SG-13	20	09/06/06	300	56	20 U	4.9 U	20 U	5 U	20 U	4.9 U	20 U	7.6 U	20 U	5 U	1000	150	20 U	5 U	1900	350	20 U	7.8 U
CM-SG-13	30	06/27/05	1000	180	18	4.4	50 U	13 U	50 U	12 U	50 U	19 U	29	7.3	4900	720	50 U	13 U	10000	1900	50 U	20 U
CM-SG-13	30	08/31/05	740	140	31	7.7	36	9.1	81 U	20 U	81 U	31 U	9.2	2.3	2600	380	81 U	20 U	3300	610	81 U	32 U
CM-SG-13 (Dup)	30	08/31/05	920	170	37	9.1	44	11	79 U	20 U	79 U	30 U	11	2.8	3200	470	79 U	20 U	4000	740	79 U	31 U
CM-SG-13	30	11/08/05	1200	220	63	16	31	7.8	40 U	9.9 U	40 U	15 U	11	2.8	2700	400	40 U	10 U	3400	630	40 U	16 U
CM-SG-13	30	03/21/06	530	96	20 U	4.9 U	20 U	5 U	20 U	4.9 U	20 U	7.6 U	20 U	5 U	1400	210	20 U	5 U	1800	340	20 U	7.8 U
CM-SG-13	30	09/06/06	640	120	39	9.5	9.7 U	2.5 U	9.7 U	2.4 U	9.7 U	3.7 U	9.7 U	2.5 U	1200	180	9.7 U	2.5 U	820	150	9.7 U	3.8 U
CM-SG-14	10	06/27/05	2.1	0.38	1.4 U	0.35 U	1.1	0.28	1.4 U	0.35 U	0.69	0.26	1.4 U	0.35 U	3.2	0.47	1.4 U	0.35 U	5.6	1	0.61	0.24
CM-SG-14	10	08/31/05	4.5	0.82	1.5 U	0.37 U	0.45	0.11	1.5 U	0.37 U	0.73	0.28	1.5 U	0.38 U	9.5	1.4	1.5 U	0.38 U	21	3.9	1.5 U	0.59 U
CM-SG-14	10	11/08/05	4.2	0.77	1.2 U	0.3 U	0.49	0.12	1.2 U	0.3 U	0.62	0.23	1.1	0.28	9.5	1.4	1.2 U	0.3 U	19	3.5	1.2 U	0.47 U
CM-SG-14	10	03/21/06	1.3 U	0.24 U	1.3 U	0.33 U	1.3 U	0.33 U	1.3 U	0.33 U	1.3 U	0.5 U	1.3 U	0.33 U	9	1.3	1.3 U	0.33 U	11	2.1	1.3 U	0.52 U
CM-SG-14	10	06/01/06	4.5	0.83	1.4 U	0.33 U	1.4 U	0.34 U	1.4 U	0.33 U	1.4 U	0.51 U	1.4 U	0.34 U	18	2.6	1.4 U	0.34 U	14	2.6	1.4 U	0.53 U
CM-SG-14	10	09/05/06	3.2	0.59	1.4 U	0.34 U	1.4 U	0.34 U	1.4 U	0.34 U	1.4 U	0.52 U	1.4 U	0.34 U	17	2.5	1.4 U	0.34 U	6.8	1.3	1.4 U	0.53 U
CM-SG-14	15	06/27/05	7.5	1.4	1.2 U	0.3 U	1.2 U	0.3 U	1.2 U	0.3 U	1.2 U	0.45 U	1.2 U	0.3 U	20	2.9	1.2 U	0.3 U	33	6.1	1.2 U	0.47 U
CM-SG-14	15	08/31/05	5.7	1	1.2 U	0.3 U	1.2 U	0.3 U	1.2 U	0.3 U	0.34	0.13	1.2 U	0.3 U	21	3.1	1.2 U	0.3 U	29	5.4	1.2 U	0.47 U
CM-SG-14	15	11/08/05	7.1	1.3	1.2 U	0.3 U	1.2 U	0.3 U	1.2 U	0.3 U	1.9	0.72	0.31	0.078	25	3.7	1.2 U	0.3 U	42	7.8	0.62	0.24
CM-SG-14	15	03/21/06	6.6	1.2	1.4 U	0.34 U	1.4 U	0.35 U	1.4 U	0.34 U	1.4 U	0.52 U	1.4 U	0.35 U	24	3.6	1.4 U	0.35 U	39	7.3	1.4 U	0.54 U
CM-SG-14	15	06/01/06	6.6	1.2	1.3 U	0.31 U	1.3 U	0.32 U	1.3 U	0.31 U	1.3 U	0.48 U	1.3 U	0.32 U	20	3	1.3 U	0.32 U	38	7.1	1.3 U	0.49 U
CM-SG-14	15	09/05/06	3.9	0.72	1.4 U	0.35 U	1.4 U	0.36 U	1.4 U	0.35 U	1.4 U	0.54 U	1.4 U	0.36 U	22	3.3	1.4 U	0.36 U	22	4	1.4 U	0.56 U
CM-SG-14	20	06/27/05	19	3.5	1.2 U	0.3 U	0.089	0.022	1.2 U	0.3 U	1.2 U	0.45 U	1.2 U	0.3 U	72	11	1.2 U	0.3 U	170	32	1.2 U	0.47 U
CM-SG-14	20	08/31/05	9.1	1.7	1.2 U	0.3 U	0.12	0.03	1.2 U	0.3 U	1.2 U	0.45 U	1.2 U	0.3 U	45	6.6	1.2 U	0.3 U	110	20	1.2 U	0.47 U
CM-SG-14	20	11/08/05	15	2.7	1.2 U	0.3 U	0.27	0.068	1.2 U	0.3 U	3.2	1.2	1.2 U	0.3 U	61	9	1.2 U	0.3 U	140	26	1.2 U	0.47 U
CM-SG-14	20	03/21/06	19	3.5	1.4 U	0.34 U	1.4 U	0.35 U	1.4 U	0.34 U	3.6	1.4	1.4 U	0.35 U	73	11	1.4 U	0.35 U	180	34	1.4 U	0.54 U
CM-SG-14 (Dup)	20	03/21/06	19	3.6	4.5 U	1.1 U	4.5 U	1.1 U	4.5 U	1.1 U	4.5 U	1.7 U	4.5 U	1.1 U	75	11	4.5 U	1.1 U	190	35	4.5 U	1.8 U
CM-SG-14	20	06/01/06	19	3.4	1.4 U	0.34 U	1.4 U	0.35 U	1.4 U	0.34 U	1.4 U	0.53 U	1.4 U	0.35 U	68	10	1.4 U	0.35 U	180	33	1.4 U	0.54 U
CM-SG-14	20	09/05/06	10	1.9	1.5 U	0.37 U	1.5 U	0.37 U	1.5 U	0.37 U	1.5 U	0.56 U	1.5 U	0.37 U	58	8.5	1.5 U	0.37 U	120	22	1.5 U	0.58 U
CM-SG-14	30	06/27/05	98	18	17 U	4.2 U	17 U	4.3 U	17 U	4.2 U	17 U	6.4 U	17 U	4.3 U	400	59	17 U	4.3 U	1500	280	17 U	6.7 U
CM-SG-14	30	08/31/05	87	16	0.19	0.047	1.1	0.28	2.4 U	0.59 U	2.4 U	0.91 U	1.1	0.28	390	58	2.4 U	0.61 U	1500	280	2.4 U	0.94 U
CM-SG-14	30	11/08/05	67	12	17 U	4.2 U	17 U	4.3 U	17 U	4.2 U	3.3	1.3	17 U	4.3 U	290	43	17 U	4.3 U	1000	190	17 U	6.7 U
CM-SG-14	30	03/21/06	96	18	18 U	4.5 U	18 U	4.6 U	18 U	4.5 U	18 U	6.9 U	18 U	4.6 U	430	63	18 U	4.6 U	1700	310	18 U	7.1 U
CM-SG-14	30	06/01/06	80	15	27 U	6.7 U	27 U	6.9 U	27 U	6.7 U	27 U	10 U	27 U	6.9 U	320	48	27 U	6.9 U	1300	240	27 U	11 U
CM-SG-14	30	09/05/06	69	13	12 U	3.1 U	12 U	3.1 U	12 U	3.1 U	12 U	4.7 U	12 U	3.1 U	350	51	12 U	3.1 U	1200	220	12 U	4.9 U
CM-SG-14	40	06/27/05	160	29	41 U	10 U	4.1	1	41 U	10 U	41 U	16 U	4.4	1.1	700	100	41 U	10 U	3100	580	41 U	16 U
CM-SG-14	40	08/31/05	160	29	0.63	0.16	5.7	1.4	8.1 U	2 U	8.1 U	3.1 U	5	1.3	810	120	8.1 U	2 U	3500	650	8.1 U	3.2 U

Table 5-14: Phase IV RI
Soil Gas Sample Results - South Fruit Valley Neighborhood
Former Building 2220 Site, Port of Vancouver

Sample ID (ZZ-SG-##)	Compound		1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Depth	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
CM-SG-14	40	11/08/05	180	33	40 U	9.9 U	8.1	2	40 U	9.9 U	40 U	15 U	5.4	1.4	770	110	40 U	10 U	3500	650	40 U	16 U
CM-SG-14	40	03/22/06	190	35	37 U	9.3 U	37 U	9.4 U	37 U	9.3 U	37 U	14 U	37 U	9.4 U	790	120	37 U	9.4 U	3500	650	37 U	15 U
CM-SG-14	40	06/01/06	120	22	21 U	5.2 U	21 U	5.3 U	21 U	5.2 U	21 U	8 U	21 U	5.3 U	500	73	21 U	5.3 U	2200	410	21 U	8.3 U
CM-SG-14	40	09/05/06	230	41	55 U	14 U	55 U	14 U	55 U	14 U	55 U	21 U	55 U	14 U	1800	270	55 U	14 U	5700	1100	55 U	22 U
CM-SG-14	50	08/31/05	140	26	1.6	0.4	9.4	2.4	4.9 U	1.2 U	3.8	1.4	7.6	1.9	460	68	4.9 U	1.2 U	2400	450	8	3.1
CM-SG-14	50	11/08/05	260	48	61 U	15 U	16	4	61 U	15 U	61 U	23 U	21	5.3	1200	180	61 U	15 U	5400	1000	61 U	24 U
CM-SG-14	50	03/22/06	230	43	52 U	13 U	52 U	13 U	52 U	13 U	52 U	20 U	52 U	13 U	1100	160	52 U	13 U	4300	800	52 U	20 U
CM-SG-14	50	09/05/06	23	4.1	6.8 U	1.7 U	6.8 U	1.7 U	6.8 U	1.7 U	6.8 U	2.6 U	6.8 U	1.7 U	150	22	6.8 U	1.7 U	490	92	6.8 U	2.6 U
CM-SG-15	10	06/27/05	180	33	41 U	10 U	14	3.5	41 U	10 U	41 U	16 U	3.6	0.91	710	100	41 U	10 U	2900	540	41 U	16 U
CM-SG-15	10	08/31/05	140	26	1	0.25	7.3	1.8	4.8 U	1.2 U	4.8 U	1.8 U	3.3	0.83	700	100	4.8 U	1.2 U	2500	470	4.8 U	1.9 U
CM-SG-15	10	11/08/05	270	49	29 U	7.2 U	13	3.3	29 U	7.2 U	29 U	11 U	2.2	0.55	1100	160	29 U	7.3 U	2800	520	29 U	11 U
CM-SG-15	10	03/23/06	170	30	22 U	5.4 U	22 U	5.6 U	22 U	5.4 U	22 U	8.3 U	22 U	5.6 U	770	110	22 U	5.6 U	2300	430	22 U	8.6 U
CM-SG-15	10	06/02/06	120	22	29 U	7.1 U	29 U	7.3 U	29 U	7.1 U	29 U	11 U	29 U	7.3 U	580	86	29 U	7.3 U	1600	300	29 U	11 U
CM-SG-15	10	09/06/06	62	11	11 U	2.8 U	11 U	2.9 U	11 U	2.8 U	11 U	4.3 U	11 U	2.9 U	510	75	11 U	2.9 U	940	180	11 U	4.4 U
CM-SG-15	15	06/27/05	210	38	31 U	7.7 U	25	6.3	31 U	7.7 U	31 U	12 U	7.2	1.8	790	120	31 U	7.8 U	3000	560	31 U	12 U
CM-SG-15	15	08/31/05	160	29	1.8	0.44	12	3	4.8 U	1.2 U	4.8 U	1.8 U	4.3	1.1	710	100	4.8 U	1.2 U	2400	450	4.8 U	1.9 U
CM-SG-15	15	11/08/05	300	55	60 U	15 U	18	4.5	60 U	15 U	60 U	23 U	7.1	1.8	1300	190	60 U	15 U	4100	760	60 U	23 U
CM-SG-15	15	03/23/06	200	37	35 U	8.6 U	35 U	8.8 U	35 U	8.6 U	35 U	13 U	35 U	8.8 U	990	150	35 U	8.8 U	3200	590	35 U	14 U
CM-SG-15	15	06/02/06	220	41	13 U	3.3 U	13 U	3.4 U	13 U	3.3 U	13 U	5 U	13 U	3.4 U	880	130	13 U	3.4 U	2100	400	13 U	5.2 U
CM-SG-15	15	09/06/06	80	15	14 U	3.4 U	14 U	3.5 U	14 U	3.4 U	14 U	5.3 U	14 U	3.5 U	550	82	14 U	3.5 U	1100	210	14 U	5.4 U
CM-SG-15	20	06/27/05	370	68	49 U	12 U	46	12	49 U	12 U	49 U	19 U	28	7.1	1500	220	49 U	12 U	6500	1200	49 U	19 U
CM-SG-15	20	08/31/05	220	40	1.8	0.44	23	5.8	8 U	2 U	8 U	3 U	7.6	1.9	1100	160	8 U	2 U	4000	740	8 U	3.1 U
CM-SG-15	20	11/08/05	420	77	6.5	1.6	25	6.3	24 U	5.9 U	24 U	9.1 U	30	7.6	2000	290	24 U	6.1 U	5200	970	24 U	9.4 U
CM-SG-15 (Dup)	20	11/08/05	430	79	6.6	1.6	25	6.3	24 U	5.9 U	24 U	9.1 U	30	7.6	2000	290	24 U	6.1 U	6500	1200	24 U	9.4 U
CM-SG-15	20	03/23/06	410	75	55 U	14 U	55 U	14 U	55 U	14 U	55 U	21 U	55 U	14 U	1500	220	55 U	14 U	4300	790	55 U	22 U
CM-SG-15 (Dup)	20	03/23/06	370	69	31 U	7.6 U	31 U	7.8 U	31 U	7.6 U	31 U	12 U	31 U	7.8 U	1300	190	31 U	7.8 U	3100	580	31 U	12 U
CM-SG-15	20	06/02/06	320	59	56 U	14 U	56 U	14 U	56 U	14 U	56 U	21 U	56 U	14 U	1100	160	56 U	14 U	3200	590	56 U	22 U
CM-SG-15	20	09/06/06	110	21	16 U	3.8 U	16 U	3.9 U	16 U	3.8 U	16 U	5.9 U	16 U	3.9 U	650	96	16 U	3.9 U	1300	240	16 U	6.1 U
CM-SG-15	30	06/27/05	1000	180	16	4	130	33	120 U	30 U	120 U	45 U	220	55	5300	780	120 U	30 U	23000	4300	120 U	47 U
CM-SG-15	30	08/31/05	340	62	160 U	40 U	26	6.6	160 U	40 U	160 U	61 U	53	13	1900	280	160 U	40 U	8800	1600	160 U	63 U
CM-SG-15	30	11/08/05	360	66	11	2.7	21	5.3	24 U	5.9 U	24 U	9.1 U	62	16	1900	280	24 U	6.1 U	4900	910	24 U	9.4 U
CM-SG-15	30	03/23/06	630	120	130 U	32 U	130 U	33 U	130 U	32 U	130 U	50 U	130 U	33 U	2700	390	130 U	33 U	8700	1600	130 U	51 U
CM-SG-15	30	09/06/06	260	47	57 U	14 U	57 U	14 U	57 U	14 U	57 U	22 U	57 U	14 U	1400	210	57 U	14 U	3500	640	57 U	22 U
CM-SG-16	10	07/27/05	22	4	0.69 U	0.17 U	2.8	0.71	0.69 U	0.17 U	0.69 U	0.26 U	1.2	0.31	180	27	0.69 U	0.17 U	480	88	0.69 U	0.27 U
CM-SG-16	10	08/31/05	27	4.9	1.8 U	0.44 U	1.8 U	0.45 U	1.8 U	0.44 U	1.8 U	0.68 U	1.8 U	0.45 U	270	40	1.8 U	0.45 U	600	110	1.8 U	0.7 U
CM-SG-16	10	11/08/05	54	9.8	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.17 U	0.69 U	0.26 U	1.6	0.4	460	67	0.69 U	0.17 U	990	180	0.69 U	0.27 U
CM-SG-16	10	03/21/06	27	5	5.6 U	1.4 U	5.6 U	1.4 U	5.6 U	1.4 U	5.6 U	2.1 U	5.6 U	1.4 U	240	35	5.6 U	1.4 U	430	80	5.6 U	2.2 U
CM-SG-16	10	06/02/06	38	6.9	7.9 U	2 U	7.9 U	2 U	7.9 U	2 U	7.9 U	3 U	7.9 U	2 U	290	42	7.9 U	2 U	570	110	7.9 U	3.1 U
CM-SG-16	10	09/07/06	25	4.6	5 U	1.2 U	5 U	1.3 U	5 U	1.2 U	5 U	1.9 U	5 U	1.3 U	380	57	5 U	1.3 U	450	85	5 U	2 U
CM-SG-16	15	07/27/05	87	16	6.9	1.7	4.6 U	1.2 U	4.6 U	1.1 U	4.6 U	1.7 U	29	7.4	880	130	4.6 U	1.2 U	3400	630	4.6 U	1.8 U
CM-SG-16	15	08/31/05	93	17	15 U	3.8 U	15 U	3.9 U	15 U	3.8 U	15 U	5.8 U	24	6	1100	160	15 U	3.9 U	4000	740	15 U	6 U
CM-SG-16	15	11/08/05	220	40	35 U	8.7 U	35 U	8.8 U	35 U	8.7 U	35 U	13 U	35 U	8.8 U	2200	320	35 U	8.8 U	6000	1100	35 U	14 U
CM-SG-16	15	03/21/06	140	26	52 U	13 U	52 U	13 U	52 U	13 U	52 U	20 U	52 U	13 U	1300	190	52 U	13 U	4300	800	52 U	21 U
CM-SG-16	15	06/02/06	130	25	54 U	13 U	54 U	14 U	54 U	13 U	54 U	20 U	54 U	14 U	1200	180	54 U	14 U	4400	820	54 U	21 U
CM-SG-16	15	09/07/06	120	22	45 U	11 U	45 U	11 U	45 U	11 U	45 U	17 U	45 U	11 U	1600	230	45 U	11 U	4000	740	45 U	17 U
CM-SG-16 (Dup)	15	09/07/06	120	22	45 U	11 U	45 U	11 U	45 U	11 U	45 U	17 U	45 U	11 U	1600	240	45 U	11 U	4000	750	45 U	18 U
CM-SG-16	20	07/27/05	120	22	8.5	2.1	6.5 U	1.6 U	6.5 U	1.6 U	6.5 U	2.4 U	40	10	920	140	6.5 U	1.6 U	4200	780	6.5 U	2.5 U
CM-SG-16	20	08/31/05	110	21	18 U	4.6 U	18 U	4.6 U	18 U	4.6 U	18 U	7 U	26	6.6	1400	200	18 U	4.6 U	4800	890	18 U	7.2 U
CM-SG-16	20	11/08/05	260	47	34 U	8.5 U	34 U	8.6 U	34 U	8.5 U	34 U	13 U	34 U	8.6 U	2800	410	34 U	8.6 U	7400	1400	34 U	13 U
CM-SG-16	20	03/21/06	150	27	66 U	16 U	66 U	17 U	66 U	16 U	66 U	25 U	66 U	17 U	1500	220	66 U	17 U	5000	930	66 U	26 U
CM-SG-16	20	06/02/06	120	22	68 U	17 U	68 U	17 U	68 U	17 U	68 U	26 U	68 U	17 U	1300	190	68 U	17 U	4700	870	68 U	26 U

Table 5-14: Phase IV RI
Soil Gas Sample Results - South Fruit Valley Neighborhood
Former Building 2220 Site, Port of Vancouver

Sample ID (ZZ-SG-##)	Compound		1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Depth	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
CM-SG-16	20	09/07/06	140	27	47 U	12 U	47 U	12 U	47 U	12 U	47 U	18 U	47 U	12 U	1500	210	47 U	12 U	4400	810	47 U	18 U
CM-SG-17	10	06/27/05	15	2.7	1.3 U	0.32 U	0.25	0.063	1.3 U	0.32 U	0.23	0.087	1.5	0.38	76	11	1.3 U	0.33 U	150	28	1.3 U	0.51 U
CM-SG-17	10	08/31/05	14	2.6	1.2 U	0.3 U	0.13	0.033	1.2 U	0.3 U	1.2 U	0.45 U	0.33	0.083	130	19	1.2 U	0.3 U	170	32	1.2 U	0.47 U
CM-SG-17	10	11/08/05	18	3.3	0.13	0.032	0.2	0.05	1.2 U	0.3 U	0.42	0.16	0.45	0.11	200	29	1.2 U	0.3 U	260	48	1.2 U	0.47 U
CM-SG-17	10	03/23/06	9.5	1.7	1.4 U	0.34 U	1.4 U	0.35 U	1.4 U	0.34 U	1.4 U	0.52 U	1.4 U	0.35 U	94	14	1.4 U	0.35 U	77	14	1.4 U	0.54 U
CM-SG-17	10	06/01/06	6.2	1.1	1.5 U	0.38 U	1.5 U	0.38 U	1.5 U	0.38 U	1.5 U	0.58 U	1.6	0.4	75	11	1.5 U	0.38 U	58	11	1.5 U	0.59 U
CM-SG-17	10	09/06/06	5	0.91	1.4 U	0.35 U	1.4 U	0.36 U	1.4 U	0.35 U	1.4 U	0.54 U	1.4 U	0.36 U	120	18	1.4 U	0.36 U	29	5.4	1.4 U	0.56 U
CM-SG-17	15	06/27/05	100	18	49 U	12 U	49 U	12 U	49 U	12 U	49 U	19 U	23	5.8	810	120	49 U	12 U	3600	670	49 U	19 U
CM-SG-17	15	08/31/05	96	18	50 U	12 U	50 U	13 U	50 U	12 U	50 U	19 U	28	7.1	870	130	50 U	13 U	4600	860	50 U	20 U
CM-SG-17	15	11/08/05	77	14	5.7	1.4	48 U	12 U	48 U	12 U	48 U	18 U	42	11	630	93	48 U	12 U	3600	670	48 U	19 U
CM-SG-17	15	03/23/06	11	1.9	4.2 U	1 U	4.2 U	1.1 U	4.2 U	1 U	4.2 U	1.6 U	4.2 U	1.1 U	110	17	4.2 U	1.1 U	310	58	4.2 U	1.6 U
CM-SG-17	15	06/01/06	49	9	14 U	3.5 U	14 U	3.6 U	14 U	3.5 U	14 U	5.4 U	14 U	3.6 U	430	64	14 U	3.6 U	1200	230	14 U	5.6 U
CM-SG-17	15	09/06/06	68	12	21 U	5.3 U	21 U	5.4 U	21 U	5.3 U	21 U	8.1 U	21 U	5.4 U	280	42	21 U	5.4 U	1900	350	21 U	8.4 U
CM-SG-17	20	06/27/05	100	18	6.9	1.7	3.5 N	0.88 N	61 U	15 U	61 U	23 U	64	16	680	100	61 U	15 U	4600	860	61 U	24 U
CM-SG-17	20	08/31/05	87	16	7.4	1.8	62 U	16 U	62 U	15 U	62 U	23 U	39	9.8	490	72	62 U	16 U	3400	630	62 U	24 U
CM-SG-17	20	11/08/05	79	14	9.4	2.3	39 U	9.8 U	39 U	9.6 U	39 U	15 U	46	12	550	81	39 U	9.8 U	3800	710	39 U	15 U
CM-SG-17	20	03/23/06	97	18	28 U	6.9 U	28 U	7.1 U	28 U	6.9 U	28 U	11 U	28 U	7.1 U	840	120	28 U	7.1 U	2900	540	28 U	11 U
CM-SG-17	20	06/01/06	72	13	27 U	6.6 U	27 U	6.7 U	27 U	6.6 U	27 U	10 U	27 U	6.7 U	560	83	27 U	6.7 U	2700	500	27 U	10 U
CM-SG-17	20	09/06/06	110	20	46 U	11 U	46 U	12 U	46 U	11 U	46 U	18 U	46 U	12 U	1000	150	46 U	12 U	3900	720	46 U	18 U
CM-SG-17	30	06/27/05	78	14	5	1.2	5.2	1.3	16 U	4 U	16 U	6.1 U	79	20	490	72	16 U	4 U	4000	740	16 U	6.3 U
CM-SG-17	30	08/31/05	53	9.7	3.6	0.89	1.6	0.4	5 U	1.2 U	5 U	1.9 U	35	8.8	380	56	5 U	1.3 U	2500	470	5 U	2 U
CM-SG-17	30	11/08/05	52	9.5	3.5	0.86	30 U	7.6 U	30 U	7.4 U	30 U	11 U	29	7.3	360	53	30 U	7.6 U	2300	430	30 U	12 U
CM-SG-17	30	03/23/06	67	12	40 U	9.8 U	40 U	10 U	40 U	9.8 U	40 U	15 U	81	20	580	85	40 U	10 U	3800	700	40 U	16 U
CM-SG-17	30	09/06/06	59	11	30 U	7.5 U	30 U	7.6 U	30 U	7.5 U	30 U	11 U	41	10	590	87	30 U	7.6 U	2700	510	30 U	12 U

NOTES:

Sample IDs

ZZ = Site (e.g. CM = Cascade Manufacturing, POV = Port of Vancouver)

SG = Soil Gas

= Monitoring Well

Units

µg/m^3 = micrograms per cubic meter

ppbv = parts per billion volume (compound concentrations converted from µg/m^3 to ppbv using ideal gas constant at 20ºC and compound molecular weight)

Miscellaneous

(Dup) = Field Duplicate

Data Qualifiers

U = Not detected at or above the method reporting limit).

UJ = Not detected at or above the method reporting limit. However, the method reporting limit value is uncertain.

J = The analyte was positively identified but the associated value is approximate.

N = Indicates an analyte has been tentatively identified but not all required identification criteria were met.
The associated result is both qualitatively and quantitatively uncertain.

R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and
meet quality control criteria. The presence or absence of the analyte cannot be verified.

Compounds

1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene

Table 5-15: Phase IV RI
Indoor Air Analytical Results - South Fruit Valley Neighborhood
Former Building 2220 Site, Port of Vancouver

Sample ID (####-XX-IA-ZZ)	Compound	1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
2016-SI-IA-BS	03/25/06	0.13	0.023	0.032 U	0.0078 U	0.032 U	0.0079 U	0.077	0.019	0.032 U	0.012 U	0.032 U	0.0079 U	0.18	0.026	0.032 U	0.0079 U	0.15	0.028	0.032 U	0.012 U
2016-SI-IA-BS (Dup)	03/25/06	0.12	0.022	0.042 U	0.01 U	0.042 U	0.011 U	0.074	0.018	0.042 U	0.016 U	0.042 U	0.011 U	0.16	0.023	0.042 U	0.011 U	0.17	0.032	0.042 U	0.017 U
2016-SI-IA-LS	03/25/06	0.13	0.023	0.034 U	0.0083 U	0.034 U	0.0085 U	0.09	0.022	0.034 U	0.013 U	0.034 U	0.0085 U	0.15	0.021	0.034 U	0.0085 U	0.16	0.029	0.034 U	0.013 U
2016-SI-IA-BS	09/06/06	0.047	0.0086	0.039 U	0.0095 U	0.039 U	0.0097 U	0.085	0.021	0.039 U	0.015 U	0.039 U	0.0097 U	0.13	0.019	0.039 U	0.0097 U	0.18	0.034	0.039 U	0.015 U
2016-SI-IA-LS	09/06/06	0.046	0.0085	0.034 U	0.0084 U	0.034 U	0.0086 U	0.11	0.028	0.034 U	0.013 U	0.034 U	0.0086 U	0.11	0.016	0.034 U	0.0086 U	0.18	0.034	0.034 U	0.013 U
2036-TH-IA-BS	03/24/06	0.65	0.12	0.04 U	0.0099 U	0.04 U	0.01 U	0.069	0.017	0.04 U	0.015 U	0.04 U	0.01 U	0.15	0.022	0.04 U	0.01 U	0.085	0.016	0.04 U	0.016 U
2036-TH-IA-BS (Dup)	03/24/06	0.65	0.12	0.039 U	0.0096 U	0.039 U	0.0098 U	0.069	0.017	0.039 U	0.015 U	0.039 U	0.0098 U	0.15	0.022	0.039 U	0.0098 U	0.075	0.014	0.039 U	0.015 U
2036-TH-IA-LS	03/24/06	3	0.55	0.035 U	0.0087 U	0.056	0.014	0.07	0.017	0.035	0.013	0.035 U	0.0088 U	0.15	0.022	0.035 U	0.0088 U	0.085	0.016	0.035 U	0.014 U
2036-TH-IA-BS	09/06/06	0.43	0.079	0.032 U	0.0078 U	0.14	0.035	0.06	0.015	0.032 U	0.012 U	0.032 U	0.0079 U	0.07	0.01	0.032 U	0.0079 U	0.11	0.021	0.032 U	0.012 U
2036-TH-IA-LS	09/06/06	0.8	0.15	0.036 U	0.0089 U	0.35	0.088	0.061	0.015	0.036 U	0.014 U	0.036 U	0.0091 U	0.068	0.01	0.036 U	0.0091 U	0.12	0.022	0.036 U	0.014 U
2038-SI-IA-BS	03/21/06	0.12	0.022	0.037 U	0.0091 U	0.047	0.012	0.074	0.018	0.052	0.02	0.037 U	0.0093 U	0.41	0.061	0.037 U	0.0093 U	0.077	0.014	0.037 U	0.014 U
2038-SI-IA-CS	03/21/06	0.11 J	0.02 J	0.048 UJ	0.012 UJ	0.048 UJ	0.012 UJ	0.048 UJ	0.012 UJ	0.048 UJ	0.018 UJ	0.048 UJ	0.012 UJ	0.13 J	0.019 J	0.048 UJ	0.012 UJ	0.073 J	0.014 J	0.048 UJ	0.019 UJ
2038-SI-IA-LS	03/21/06	0.14	0.026	0.036 U	0.0089 U	0.11	0.028	0.31	0.077	0.12	0.047	0.036 U	0.0091 U	0.91	0.13	0.036 U	0.0091 U	0.086	0.016	0.036 U	0.014 U
2038-SI-IA-BS	09/07/06	0.041	0.0075	0.04 U	0.0098 U	0.04 U	0.01 U	0.04 U	0.0098 U	0.04 U	0.015 U	0.04 U	0.01 U	0.086	0.013	0.04 U	0.01 U	0.054	0.01	0.04 U	0.015 U
2038-SI-IA-CS	09/07/06	0.04	0.0072	0.039 U	0.0096 U	0.039 U	0.0098 U	0.039 U	0.0096 U	0.039 U	0.015 U	0.039 U	0.0098 U	0.057	0.0084	0.039 U	0.0098 U	0.048	0.0089	0.039 U	0.015 U
2038-SI-IA-LS	09/07/06	0.039	0.0072	0.039 U	0.0095 U	0.039 U	0.0097 U	0.047	0.012	0.039 U	0.015 U	0.039 U	0.0097 U	0.53	0.079	0.039 U	0.0097 U	0.054	0.01	0.039 U	0.015 U
2039-TH-IA-BS	03/24/06	0.15	0.027	0.036 U	0.0088 U	0.036 U	0.009 U	0.058	0.014	0.036 U	0.013 U	0.036 U	0.009 U	0.22	0.033	0.036 U	0.009 U	0.13	0.024	0.036 U	0.014 U
2039-TH-IA-LS	03/24/06	0.14	0.026	0.039 U	0.0097 U	0.048	0.012	0.059	0.015	0.071	0.027	0.039 U	0.0099 U	0.19	0.028	0.039 U	0.0099 U	0.13	0.024	0.039 U	0.015 U
2039-TH-IA-BS	09/09/06	0.042	0.0076	0.039 U	0.0096 U	0.039 U	0.0098 U	0.039 U	0.0096 U	0.039 U	0.015 U	0.039 U	0.0098 U	0.077	0.011	0.039 U	0.0098 U	0.22	0.041	0.039 U	0.015 U
2039-TH-IA-LS	09/09/06	0.039 U	0.0071 U	0.039 U	0.0095 U	0.039 U	0.0097 U	0.039 U	0.0095 U	0.039	0.015	0.039 U	0.0097 U	0.039 U	0.0057 U	0.039 U	0.0097 U	0.25	0.046	0.039 U	0.015 U
2201-SI-IA-CS	03/24/06	3.3	0.61	0.036 U	0.0089 U	0.036 U	0.0091 U	0.066	0.016	0.036 U	0.014 U	0.036 U	0.0091 U	0.13	0.019	0.036 U	0.0091 U	0.074	0.014	0.036 U	0.014 U
2201-SI-IA-LS	03/24/06	3	0.56	0.037 U	0.0091 U	0.037 U	0.0093 U	0.52	0.13	0.13	0.05	0.037 U	0.0093 U	0.17	0.025	0.037 U	0.0093 U	0.091	0.017	0.037 U	0.014 U
2201-SI-IA-CS	09/06/06	2.7	0.49	0.038 U	0.0094 U	1.1	0.29	0.14	0.034	0.039	0.015	0.038 U	0.0096 U	0.11	0.016	0.038 U	0.0096 U	0.34	0.063	0.038 U	0.015 U
2201-SI-IA-LS	09/06/06	0.98	0.18	0.034 U	0.0085 U	0.4	0.1	0.44	0.11	0.083	0.031	0.034 U	0.0086 U	0.097	0.014	0.034 U	0.0086 U	0.34	0.063	0.034 U	0.013 U
2201-TH-IA-BR	05/06/06	0.16	0.029	0.04 U	0.0099 U	0.04 U	0.01 U	0.29	0.071	0.053	0.02	0.04 U	0.01 U	0.37	0.054	0.04 U	0.01 U	0.91	0.17	0.04 U	0.016 U
2201-TH-IA-LS	05/06/06	0.17	0.032	0.039 U	0.0095 U	0.039 U	0.0097 U	0.3	0.074	0.081	0.031	0.039 U	0.0097 U	0.5	0.074	0.039 U	0.0097 U	1.2	0.22	0.039 U	0.015 U
2214-SI-IA-CS	03/25/06	0.12	0.022	0.039 U	0.0097 U	0.064	0.016	0.043	0.011	0.039 U	0.015 U	0.039 U	0.0099 U	0.13	0.02	0.039 U	0.0099 U	0.26	0.048	0.039 U	0.015 U
2214-SI-IA-LS	03/25/06	0.15	0.027	0.039 U	0.0095 U	2.4	0.6	0.091	0.023	0.14	0.053	0.039 U	0.0097 U	0.45	0.066	0.039 U	0.0097 U	0.15	0.028	0.039 U	0.015 U
2214-SI-IA-CS	09/06/06	0.042	0.0076	0.037 U	0.0092 U	0.41	0.1	0.037 U	0.0092 U	0.037 U	0.014 U	0.037 U	0.0094 U	0.12	0.017	0.037 U	0.0094 U	0.45	0.084	0.037 U	0.015 U
2214-SI-IA-LS	09/06/06	0.04	0.0073	0.038 U	0.0095 U	2	0.5	0.038 U	0.0095 U	0.049	0.019	0.038 U	0.0097 U	0.073	0.011	0.038 U	0.0097 U	0.26	0.048	0.038 U	0.015 U
2215-TH-IA-CS	03/21/06	0.2	0.037	0.038 U	0.0095 U	0.038 U	0.0097 U	0.05	0.012	0.038 U	0.015 U	0.038 U	0.0097 U	0.3	0.044	0.038 U	0.0097 U	0.21	0.039	0.038 U	0.015 U
2215-TH-IA-LS	03/21/06	22	4.1	0.037 U	0.009 U	0.28	0.07	0.1	0.025	0.16	0.06	0.037 U	0.0092 U	2.4	0.35	0.037 U	0.0092 U	0.15	0.027	0.037 U	0.014 U
2216-TH-IA-LS	03/21/06	0.54	0.099	0.074 U	0.018 U	0.074 U	0.019 U	0.38	0.094	0.2	0.077	0.074 U	0.019 U	1	0.15	0.074 U	0.019 U	0.85	0.16	0.074 U	0.029 U
2216-TH-IA-BS	03/22/06	0.17	0.031	0.077 U	0.019 U	0.077 U	0.019 U	0.077 U	0.019 U	0.077 U	0.029 U	0.077 U	0.019 U	0.55	0.081	0.077 U	0.019 U	0.28	0.051	0.077 U	0.03 U
2216-TH-IA-BS	09/06/06	0.066	0.012	0.038 U	0.0093 U	0.046	0.012	0.15	0.036	0.066	0.025	0.038 U	0.0095 U	1.1	0.16	0.038 U	0.0095 U	2.1	0.39	0.038 U	0.015 U
2216-TH-IA-LS	09/06/06	0.054	0.0098	0.037 U	0.0091 U	0.037 U	0.0093 U	0.65	0.16	0.058	0.022	0.037 U	0.0093 U	0.19	0.028	0.037 U	0.0093 U	0.8	0.15	0.037 U	0.014 U
2218-SI-IA-BS	03/21/06	0.18	0.033	0.033 U	0.0081 U	0.32	0.08	0.14	0.034	0.072	0.027	0.033 U	0.0083 U	0.4	0.059	0.033 U	0.0083 U	0.69	0.13	0.033 U	0.013 U
2218-SI-IA-LS	03/21/06	0.15	0.028	0.039 U	0.0096 U	0.38	0.096	0.24	0.059	0.12	0.046	0.039 U	0.0098 U	0.32	0.047	0.039 U	0.0098 U	0.51	0.095	0.039 U	0.015 U
2219A-SI-IA-CS	03/23/06	0.12	0.022	0.033 U	0.0081 U	0.033 U	0.0083 U	0.048	0.012	0.033 U	0.012 U	0.033 U	0.0083 U	0.19	0.029	0.033 U	0.0083 U	0.15	0.029	0.033 U	0.013 U
2219A-SI-IA-LS	03/23/06	0.16	0.029	0.033 U	0.0081 U	0.16	0.039	0.14	0.035	0.12	0.045	0.033 U	0.0083 U	0.24	0.035	0.033 U	0.0083 U	0.28	0.052	0.033 U	0.013 U
2219A-SI-IA-CS	09/06/06	0.04 U	0.0073 U	0.04 U	0.0099 U	0.04 U	0.01 U	0.04 U	0.0099 U	0.04 U	0.015 U	0.04 U	0.01 U	0.076	0.011	0.04 U	0.01 U	0.26	0.048	0.04 U	0.016 U
2219A-SI-IA-LS	09/06/06	0.04 U	0.0074 U	0.04 U	0.0099 U	0.04 U	0.01 U	0.04 U	0.0099 U	0.046	0.018	0.04 U	0.01 U	0.1	0.015	0.04 U	0.01 U	0.29	0.054	0.04 U	0.016 U
2219-TH-IA-BS	03/24/06	0.32	0.059	0.15 U	0.036 U	0.15 U	0.037 U	0.15 U	0.036 U	0.15 U	0.056 U	0.15 U	0.037 U	0.26	0.038	0.15 U	0.037 U	0.17	0.031	0.15 U	0.058 U
2219-TH-IA-LS	03/24/06	0.62	0.11	0.17 U	0.042 U	0.17 U	0.043 U	0.19	0.048	0.17 U	0.064 U	0.17 U	0.043 U	0.36	0.053	0.17 U	0.043 U	1	0.19	0.17 U	0.067 U
2219-TH-IA-BS	09/07/06	0.065 J	0.012 J	0.03 UJ	0.0075 UJ	0.042 J	0.011 J	0.16 J	0.04 J	0.03 UJ	0.011 UJ	0.03 UJ	0.0076 UJ	0.3 J	0.045 J	0.03 UJ	0.0076 UJ	0.52 J	0.097 J	0.03 UJ	0.012 UJ
2219-TH-IA-LS	09/07/06	0.17	0.031	0.037 U	0.0092 U	0.11	0.027	0.49	0.12	0.055	0.021	0.037 U	0.0094 U	0.087	0.013	0.037 U	0.0094 U	0.45	0.084	0.037 U	0.015 U
2300-TH-IA-CS	03/25/06	0.12	0.022	0.036 U	0.0089 U	0.036 U	0.0091 U	0.052	0.013	0.036 U	0.014 U	0.036 U	0.0091 U	0.16	0.023	0.036 U	0.0091 U	0.48	0.088	0.036 U	0.014 U
2300-TH-IA-LS	03/25/06	1.8	0.33	0.04 U	0.0098 U	0.52	0.13	0.14	0.035	0.21	0.08	0.04 U	0.01 U	18	2.6	0.04 U	0.01 U	1.9	0.36	0.041	0.016
2300-TH-IA-CS	09/09/06	0.041	0.0075	0.037 U	0.0091 U	0.037 U	0.0093 U	0.037 U	0.0091 U	0.039	0.015	0.037 U	0.0093 U	0.058	0.0086	0.037 U	0.0093 U	0.97	0.18	0.037 U	0.014 U
2300-TH-IA-CS (Dup)	09/09/06	0.042	0.0076	0.039 U	0.0097 U	0.039 U	0.0099 U	0.039 U	0.0097 U	0.039 U	0.015 U	0.039 U	0.0099 U	0.065	0.0096	0.039 U	0.0099 U	0.94	0.18	0.039 U	0.015 U
2300-TH-IA-LS	09/09/06	1.4 J	0.26 J	0.048 UJ	0.012 UJ	0.71 J	0.18 J	0.15 J	0.038 J	0.19 J	0.073 J	0.048 UJ	0.012 UJ	1.5 J	0.23 J	0.048 UJ	0.012 UJ	3.4 J	0.64 J	0.053 J	0.021 J
2300-TH-IA-LS (Dup)	09/09/06	1.4	0.25	0.04 U	0.0099 U	0.69	0.17	0.16	0.04	0.24	0.092	0.04 U	0.01 U	1.6	0.23	0.04 U	0.01 U	3.6	0.67	0.069	0.027

Table 5-15: Phase IV RI
Indoor Air Analytical Results - South Fruit Valley Neighborhood
Former Building 2220 Site, Port of Vancouver

Sample ID (####-XX-IA-ZZ)	Compound	1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
2308-SI-IA-BS	03/21/06	0.16	0.029	0.04 U	0.0099 U	0.078	0.02	0.065	0.016	0.04 U	0.015 U	0.04 U	0.01 U	0.33	0.049	0.04 U	0.01 U	0.46	0.086	0.04 U	0.016 U
2308-SI-IA-LS	03/21/06	0.14	0.025	0.043 U	0.011 U	0.11	0.027	0.12	0.029	0.088	0.034	0.043 U	0.011 U	0.19	0.028	0.043 U	0.011 U	0.19	0.036	0.043 U	0.017 U
2308-SI-IA-BS	09/06/06	0.088	0.016	0.037 U	0.0091 U	0.062	0.016	0.048	0.012	0.038	0.014	0.037 U	0.0093 U	0.27	0.04	0.037 U	0.0093 U	0.6	0.11	0.037 U	0.014 U
2308-SI-IA-LS	09/06/06	0.039	0.0071	0.032 U	0.0078 U	0.032 U	0.0079 U	0.099	0.024	0.068	0.026	0.032 U	0.0079 U	0.1	0.015	0.032 U	0.0079 U	0.2	0.038	0.032 U	0.012 U
2311-SI-IA-BS	03/21/06	0.12	0.023	0.036 U	0.0088 U	0.095	0.024	0.053	0.013	0.036 U	0.014 U	0.036 U	0.009 U	0.17	0.025	0.036 U	0.009 U	0.15	0.027	0.036 U	0.014 U
2311-SI-IA-LS	03/21/06	0.12	0.021	0.037 U	0.0091 U	0.037 U	0.0093 U	0.053	0.013	0.049	0.019	0.037 U	0.0093 U	5.8	0.86	0.037 U	0.0093 U	0.085	0.016	0.037 U	0.014 U
2311-SI-IA-BS	09/08/06	0.051	0.0093	0.038 U	0.0094 U	0.076	0.019	0.038 U	0.0094 U	0.049	0.019	0.038 U	0.0096 U	0.27	0.039	0.038 U	0.0096 U	0.21	0.039	0.038 U	0.015 U
2311-SI-IA-LS	09/08/06	0.04	0.0073	0.038 U	0.0094 U	0.038 U	0.0096 U	0.038 U	0.0094 U	0.07	0.027	0.038 U	0.0096 U	0.12	0.018	0.038 U	0.0096 U	0.076	0.014	0.038 U	0.015 U
2314-SI-IA-BS	03/21/06	0.18	0.033	0.039 U	0.0097 U	0.039 U	0.0099 U	0.088	0.022	0.039 U	0.015 U	0.039 U	0.0099 U	3.8	0.56	0.039 U	0.0099 U	0.17	0.032	0.039 U	0.015 U
2314-SI-IA-LS	03/21/06	0.21	0.038	0.04 U	0.0099 U	0.064	0.016	0.13	0.033	0.055	0.021	0.04 U	0.01 U	3	0.44	0.04 U	0.01 U	0.21	0.04	0.04 U	0.016 U
2314-SI-IA-BS	09/06/06	0.11	0.021	0.038 U	0.0094 U	0.062	0.016	0.07	0.017	0.039	0.015	0.038 U	0.0096 U	4	0.59	0.038 U	0.0096 U	0.69	0.13	0.038 U	0.015 U
2314-SI-IA-LS	09/06/06	0.037 U	0.0068 U	0.037 U	0.0091 U	0.037 U	0.0093 U	0.088	0.022	0.04	0.015	0.037 U	0.0093 U	2.7	0.4	0.037 U	0.0093 U	0.4	0.074	0.037 U	0.014 U
2315-SI-IA-BS	03/21/06	0.17	0.031	0.042 U	0.01 U	0.049	0.012	0.085	0.021	0.055	0.021	0.042 U	0.011 U	0.22	0.033	0.042 U	0.011 U	0.12	0.022	0.042 U	0.017 U
2315-SI-IA-CS	03/21/06	0.12	0.023	0.038 U	0.0093 U	0.038 U	0.0095 U	0.063	0.016	0.038 U	0.014 U	0.038 U	0.0095 U	0.14	0.021	0.038 U	0.0095 U	0.09	0.017	0.038 U	0.015 U
2315-SI-IA-LS	03/21/06	0.13	0.024	0.037 U	0.0091 U	0.14	0.036	0.19	0.046	0.037 U	0.014 U	0.037 U	0.0093 U	0.24	0.035	0.037 U	0.0093 U	0.12	0.021	0.037 U	0.014 U
2315-SI-IA-BS	09/07/06	0.044	0.0081	0.039 U	0.0097 U	0.039 U	0.0099 U	0.039 U	0.0097 U	0.039 U	0.015 U	0.039 U	0.0099 U	0.4	0.059	0.039 U	0.0099 U	0.1	0.02	0.039 U	0.015 U
2315-SI-IA-CS	09/07/06	0.039	0.0072	0.035 U	0.0087 U	0.035 U	0.0088 U	0.035 U	0.0087 U	0.035 U	0.013 U	0.035 U	0.0088 U	0.046	0.0068	0.035 U	0.0088 U	0.056	0.01	0.035 U	0.014 U
2315-SI-IA-LS	09/07/06	0.041 U	0.0076 U	0.041 U	0.01 U	0.041 U	0.01 U	0.14	0.033	0.041 U	0.016 U	0.041 U	0.01 U	0.074	0.011	0.041 U	0.01 U	0.068	0.013	0.041 U	0.016 U
2400-SI-IA-BS	03/23/06	0.21	0.039	0.039 U	0.0095 U	0.57	0.14	0.11	0.028	0.046	0.018	0.039 U	0.0097 U	0.55	0.081	0.039 U	0.0097 U	0.67	0.12	0.039 U	0.015 U
2400-SI-IA-CS	03/23/06	0.13	0.024	0.034 U	0.0085 U	0.047	0.012	0.054	0.013	0.056	0.021	0.034 U	0.0086 U	0.22	0.033	0.034 U	0.0086 U	0.22	0.042	0.034 U	0.013 U
2400-SI-IA-LS	03/23/06	0.21	0.038	0.035 U	0.0087 U	0.41	0.1	0.13	0.032	0.087	0.033	0.035 U	0.0088 U	0.69	0.1	0.035 U	0.0088 U	0.51	0.095	0.035 U	0.014 U
2400-SI-IA-BS	09/08/06	0.087 J	0.016 J	0.063 UJ	0.016 UJ	0.23 J	0.058 J	0.068 J	0.017 J	0.1 J	0.039 J	0.063 UJ	0.016 UJ	0.74 J	0.11 J	0.063 UJ	0.016 UJ	0.79 J	0.15 J	0.063 UJ	0.025 UJ
2400-SI-IA-CS	09/08/06	0.044	0.008	0.038 U	0.0094 U	0.038 U	0.0096 U	0.038 U	0.0094 U	0.069	0.026	0.038 U	0.0096 U	0.11	0.017	0.038 U	0.0096 U	0.043	0.0079	0.038 U	0.015 U
2400-SI-IA-LS	09/08/06	0.071	0.013	0.04 U	0.0098 U	0.13	0.034	0.091	0.023	0.073	0.028	0.04 U	0.01 U	0.66	0.097	0.04 U	0.01 U	0.5	0.094	0.04 U	0.015 U
2404-SI-IA-BS	03/21/06	0.61	0.11	0.037 U	0.0091 U	0.075	0.019	0.14	0.035	0.053	0.02	0.037 U	0.0093 U	0.76	0.11	0.037 U	0.0093 U	0.32	0.059	0.037 U	0.014 U
2404-SI-IA-LS	03/21/06	1.2 J	0.22 J	0.046 UJ	0.011 UJ	0.16 J	0.039 J	0.12 J	0.031 J	0.052 J	0.02 J	0.046 UJ	0.011 UJ	0.61 J	0.09 J	0.046 UJ	0.011 UJ	0.3 J	0.057 J	0.046 UJ	0.018 UJ
2404-SI-IA-BS	09/06/06	0.61	0.11	0.031 U	0.0077 U	0.28	0.07	0.16	0.04	0.063	0.024	0.031 U	0.0079 U	0.52	0.076	0.031 U	0.0079 U	0.4	0.075	0.031 U	0.012 U
2404-SI-IA-LS	09/06/06	0.75	0.14	0.036 U	0.0088 U	0.39	0.098	0.14	0.036	0.079	0.03	0.036 U	0.009 U	0.57	0.084	0.036 U	0.009 U	0.43	0.08	0.036 U	0.014 U
MTCA Method B Cleanup Level		4,800	-	320	-	91	-	0.096	-	3	-	16	-	0.42	-	32	-	0.1	-	0.28	-

NOTES:

Sample IDs

= Street Address (e.g. 2804)
XX = Street Abbreviation (e.g. SI = Simpson Ave, TH = Thompson Ave.)
IA = Indoor Air
ZZ = Sample Location or Type (BS = Basement, CS = Crawl space, LS = Living Space, BR = Bedroom)

Units

µg/m^3 = micrograms per cubic meter
ppbv = parts per billion volume (compound concentrations converted from µg/m^3 to ppbv using ideal gas constant at 20ºC and compound molecular weight)

Miscellaneous

(Dup) = Field Duplicate

Data Qualifiers

U = Not detected at or above the method reporting limit).
UJ = Not detected at or above the method reporting limit. However, the method reporting limit value is uncertain.
J = The analyte was positively identified but the associated value is approximate.
N = Indicates an analyte has been tentatively identified but not all required identification criteria
R = The sample results are rejected due to serious deficiencies in the ability to analyze the

Compounds

1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene

Table 5-16: Phase IV RI
Indoor Air Analytical Results - Port Tenant Properties
Former Building 2220 Site, Port of Vancouver

Sample ID	Compound	1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
POV-Bldg2400	02/24/06	0.11	0.019	0.033 U	0.008 U	0.033 U	0.0082 U	0.046	0.011	0.033 U	0.012 U	0.033 U	0.0082 U	0.21	0.031	0.033 U	0.0082 U	0.54	0.1	0.033 U	0.013 U
POV-Bldg2400	09/08/06	0.049 UJ	0.009 UJ	0.049 UJ	0.012 UJ	0.049 UJ	0.012 UJ	0.049 UJ	0.012 UJ	0.049 UJ	0.019 UJ	0.049 UJ	0.012 UJ	0.26 J	0.038 J	0.049 UJ	0.012 UJ	1.2 J	0.23 J	0.049 UJ	0.019 UJ
POV-Bldg2401	02/24/06	0.1	0.019	0.034 U	0.0083 U	0.034 U	0.0085 U	0.047	0.012	0.034 U	0.013 U	0.034 U	0.0085 U	0.13	0.019	0.034 U	0.0085 U	0.07	0.013	0.034 U	0.013 U
POV-Bldg2401	09/08/06	0.04	0.0073	0.037 U	0.0091 U	0.037 U	0.0093 U	0.037 U	0.0091 U	0.037 U	0.014 U	0.037 U	0.0093 U	0.049	0.0072	0.037 U	0.0093 U	0.037 U	0.0069 U	0.037 U	0.014 U

NOTES:

Sample IDs

POV = Port of Vancouver
Bldg2400 = Building 2400, Bldg2400 = Building 2401
2500-FO = 2500 W. Fourth Plain Blvd (Cadet Manufacturing facility address)
IA = Indoor Air

Units

µg/m^3 = micrograms per cubic meter
ppbv = parts per billion volume (compound concentrations converted from µg/m^3 to ppbv using ideal gas constant at 20ºC and compound molecular weight)

Miscellaneous

(Dup) = Field Duplicate

Data Qualifiers

U = Not detected at or above the method reporting limit).
UJ = Not detected at or above the method reporting limit. However, the method reporting limit value is uncertain.
J = The analyte was positively identified but the associated value is approximate.
N = Indicates an analyte has been tentatively identified but not all required identification criteria were met. The associated result is both qualitatively and quantitatively uncertain.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Compounds

1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene

Table 5-17: Phase IV RI
Outdoor Air Analytical Results - Port Tenant Properties and South Fruit Valley Neighborhood
Former Building 2220 Site, Port of Vancouver

Sample ID (ZZZ-OA)	Compound	1,1,1-TCA		1,1-DCA		1,1-DCE		1,2-DCA		Chloroethane		cis-1,2-DCE		PCE		trans-1,2-DCE		TCE		Vinyl Chloride	
	Sample Date	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
2201-SI-OA	09/06/06	0.041 U	0.0076 U	0.041 U	0.01 U	0.041 U	0.01 U	0.041 U	0.01 U	0.041 U	0.016 U	0.041 U	0.01 U	0.041 U	0.0061 U	0.041 U	0.01 U	0.34	0.064	0.041 U	0.016 U
GWM-OA	08/31/05	0.093	0.017	0.031 U	0.0077 U	0.031 U	0.0079 U	0.031 U	0.0077 U	0.031 U	0.012 U	0.031 U	0.0079 U	0.032	0.0047	0.031 U	0.0079 U	0.036	0.0067	0.031 U	0.012 U
GWM-OA	11/09/05	0.12	0.022	0.035 U	0.0087 U	0.035 U	0.0089 U	0.041	0.01	0.035 U	0.013 U	0.035 U	0.0089 U	0.39	0.058	0.035 U	0.0089 U	0.16	0.029	0.035 U	0.014 U
GWM-OA	03/23/06	0.12	0.022	0.036 U	0.0088 U	0.036 U	0.009 U	0.051	0.013	0.036 U	0.013 U	0.036 U	0.009 U	0.22	0.033	0.036 U	0.009 U	0.13	0.024	0.036 U	0.014 U
GWM-OA	06/07/06	0.093	0.017	0.038 U	0.0095 U	0.038 U	0.0097 U	0.038 U	0.0095 U	0.038 U	0.015 U	0.073	0.018	0.052	0.0076	0.038 U	0.0097 U	0.056	0.01	0.038 U	0.015 U
GWM-OA	09/08/06	0.038	0.0069	0.034 U	0.0084 U	0.034 U	0.0086 U	0.034 U	0.0084 U	0.11	0.04	0.034 U	0.0086 U	0.15	0.022	0.034 U	0.0086 U	0.034 U	0.0063 U	0.034 U	0.013 U
MKA-OA	08/31/05	0.21	0.038	0.083 U	0.02 U	0.083 U	0.021 U	0.083 U	0.02 U	0.083 U	0.031 U	0.083 U	0.021 U	0.083 U	0.012 U	0.083 U	0.021 U	1.6	0.29	0.083 U	0.032 U
MKA-OA	11/09/05	0.14 J	0.026 J	0.032 UJ	0.0078 UJ	0.038 J	0.0096 J	0.044 J	0.011 J	0.032 UJ	0.012 UJ	0.032 UJ	0.008 UJ	0.38 J	0.056 J	0.032 UJ	0.008 UJ	0.2 J	0.038 J	0.032 UJ	0.012 UJ
MKA-OA	03/23/06	0.12	0.021	0.037 U	0.009 U	0.037 U	0.0092 U	0.05	0.012	0.037 U	0.014 U	0.037 U	0.0092 U	0.19	0.029	0.037 U	0.0092 U	0.37	0.069	0.037 U	0.014 U
MKA-OA	06/07/06	0.093	0.017	0.039 U	0.0096 U	0.039 U	0.0098 U	0.039 U	0.0096 U	0.041	0.015	0.039 U	0.0098 U	0.06	0.0088	0.039 U	0.0098 U	0.49	0.09	0.039 U	0.015 U
MKA-OA	09/09/06	0.039 U	0.0072 U	0.039 U	0.0097 U	0.039 U	0.0099 U	0.039 U	0.0097 U	0.039 U	0.015 U	0.039 U	0.0099 U	0.039 U	0.0058 U	0.039 U	0.0099 U	0.37	0.069	0.039 U	0.015 U
SGS-OA	08/31/05	0.091	0.017	0.037 U	0.009 U	0.037 U	0.0092 U	0.037 U	0.009 U	0.037 U	0.014 U	0.037 U	0.0092 U	0.037 U	0.0054 U	0.037 U	0.0092 U	0.037 U	0.0068 U	0.037 U	0.014 U
SGS-OA	11/09/05	0.13	0.023	0.039 U	0.0096 U	0.039 U	0.0098 U	0.039 U	0.0096 U	0.039 U	0.015 U	0.039 U	0.0098 U	0.33	0.048	0.039 U	0.0098 U	0.34	0.064	0.039 U	0.015 U
SGS-OA	03/23/06	0.12	0.022	0.042 U	0.01 U	0.042 U	0.011 U	0.048	0.012	0.042 U	0.016 U	0.042 U	0.011 U	0.16	0.024	0.042 U	0.011 U	0.15	0.029	0.042 U	0.016 U
SGS-OA	06/07/06	0.092	0.017	0.033 U	0.008 U	0.033 U	0.0082 U	0.035	0.0086	0.033 U	0.012 U	0.033 U	0.0082 U	0.042	0.0062	0.033 U	0.0082 U	0.033 U	0.0061 U	0.033 U	0.013 U
SGS-OA	09/08/06	0.039 U	0.0071 U	0.039 U	0.0095 U	0.039 U	0.0097 U	0.039 U	0.0095 U	0.039 U	0.015 U	0.039 U	0.0097 U	0.039 U	0.0057 U	0.039 U	0.0097 U	0.18	0.033	0.039 U	0.015 U
SMC-OA	08/31/05	0.042	0.0076	0.038 U	0.0094 U	0.038 U	0.0096 U	0.038 U	0.0094 U	0.038 U	0.014 U	0.038 U	0.0096 U	0.038 U	0.0056 U	0.038 U	0.0096 U	0.038 U	0.0071 U	0.038 U	0.015 U
SMC-OA	11/09/05	0.12	0.022	0.039 U	0.0097 U	0.039 U	0.0099 U	0.039 U	0.0097 U	0.039 U	0.015 U	0.039 U	0.0099 U	2.4	0.36	0.039 U	0.0099 U	0.23	0.043	0.039 U	0.015 U
SMC-OA	03/23/06	0.12	0.022	0.031 U	0.0077 U	0.031 U	0.0079 U	0.051	0.013	0.031 U	0.012 U	0.031 U	0.0079 U	0.21	0.032	0.031 U	0.0079 U	0.32	0.06	0.031 U	0.012 U
SMC-OA	06/07/06	0.091	0.017	0.037 U	0.009 U	0.037 U	0.0092 U	0.037 U	0.009 U	0.037 U	0.014 U	0.037 U	0.0092 U	0.047	0.0069	0.037 U	0.0092 U	0.05	0.0092	0.037 U	0.014 U
SMC-OA	09/08/06	0.039 U	0.0072 U	0.039 U	0.0096 U	0.039 U	0.0098 U	0.039 U	0.0096 U	0.039 U	0.015 U	0.039 U	0.0098 U	0.043	0.0064	0.039 U	0.0098 U	0.21	0.04	0.039 U	0.015 U

NOTES:

Sample IDs
ZZZ = Building or House Address (yard) Location
OA = Outdoor Air

Units
µg/m^3 = micrograms per cubic meter
ppbv = parts per billion volume (compound concentrations converted from µg/m^3 to ppbv using ideal gas constant at 25ºC and compound molecular weight)

Miscellaneous
(Dup) = Field Duplicate

Data Qualifiers
U = Not detected at or above the method reporting limit).
UJ = Not detected at or above the method reporting limit. However, the method reporting limit value is uncertain.
J = The analyte was positively identified but the associated value is approximate.
N = Indicates an analyte has been tentatively identified but not all required identification criteria were met. The associated result is both qualitatively and quantitatively uncertain.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Compounds
1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene

Table 5-18: Phase IV RI
Baghouse Dust and Slag Sample Locations - Former Carborundum Ponds
Former Building 2220 Site, Port of Vancouver

Boring Location	Sample Depth (feet bgs)	Description of Material Sampled	Depth (feet bgs) and thickness of waste material encountered
C-Pond-01	3.5	slag material. Black. Fine to coarse grained sand, highly crystalline, metallic luster, silver color fragments, loose, dry.	1.5 to 6.0; 4.5 feet thick
C-Pond-02	8.0	baghouse dust. Black, 95% silt sized, 5% sand size, crystalline, metallic luster, silver colored flakes, stiff, moist.	6.0 to 11.0; 5 feet thick
C-Pond-03	7.0	crystalline, metallic luster, silver colored flakes, medium stiff, moist.	4.0 to 10.0; 6.0 feet thick
C-Pond-04	12.0	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff, moist.	3.0 to 12.0; 9.0 feet thick
C-Pond-06	7.0	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff, moist.	0.5 to 7.5; 7.0 feet thick
C-Pond-07	6.0	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff, moist.	1.0 to 6.0; 5.0 feet thick
C-Pond-08	5.5	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff, moist.	3.0 to 9.5; 6.5 feet thick
C-Pond-11	4.5	Silty sand very dark gray 80% fine sand, 15% fines, low plasticity, <5% fragments of crystalline, metallic luster, silver color, 1-icnhc thick layer of baghouse dust.	3.0 to 5.0; 2.0 feet thick
C-Pond-12	14.0	Silt, very dark gray, 70% fines, low plasticity, 30% fine sand, micaceous, medium stiff, damp.	12.5 to 15.0; 2.5 feet thick
C-Pond-17	8.5	luster, silver colored flakes, medium stiff, wet, saturated at 8.5 feet.	1.5 to 9.0; 7.5 feet thick
C-Pond-18	8.5	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff, wet to saturated.	2.0 to 9.0; 7.0 feet thick
C-Pond-19	8.5	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff, moist.	3.0 to 10.5; 7.5 feet thick
C-Pond-20	17.0	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff to soft when saturated, wet, saturated at 15 feet.	3.0 to 17.0; 14.0 feet thick
C-Pond-22	4.0	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff, moist.	4.5 to 6.5; 2.0 feet thick
C-Pond-23	5.5	baghouse dust. Dusty red, 85% silt size material, 15% medium to fine sand size material, medium stiff, moist.	5.0 to 10.0; 5.0 feet thick
C-Pond-23	9.0	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, medium stiff, moist.	5.0 to 10.0; 5.0 feet thick
C-Pond-24	8.0	baghouse dust. Black, 95% silt, 5%sand, crystalline, metallic luster, silver colored flakes, stiff, moist.	3.0 to 9.5; 6.5 feet thick
C-Pond-25	6.5	baghouse dust. Black, 70% fine to coarse sand size, crystalline, metallic luster, silver colored flakes, 20% fine to coarse, phaneritic, gravel size, 10% fine sized material, 2 inch layer of highly phaneritic crystalline fragments, medium dense, damp.	4.0 to 13.0; 7.0 feet thick

Table 5-18: Phase IV RI
Baghouse Dust and Slag Sample Locations - Former Carborundum Ponds
Former Building 2220 Site, Port of Vancouver

Boring Location	Sample Depth (feet bgs)	Description of Material Sampled	Depth (feet bgs) and thickness of waste material encountered
C-Pond-26	9.0	baghouse dust. Black, 95% silt, 5% fine sand, crystalline, metallic luster, silver colored flakes, medium stiff, moist.	5.5 to 11.0; 6.5 feet thick

Table 5-19: Phase IV RI
Groundwater Analytical Results - Former Carborundum Ponds
Former Building 2220 Site, Port of Vancouver

Well/Borehole Name	Matrix	Sample Depth (ft)	Sample Date	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	cis-1,2-Dichloroethene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)
Geoprobe Borings													
C-Pond-01	water	36-40	7/11/05	0.5 U	0.5 U	0.5 U	0.5 U	**3.68**	**4.87**	0.5 U	0.5 U	**11.5**	0.5 U
C-Pond-01-D	water	36-40	7/11/05	0.5 U	0.5 U	0.5 U	0.5 U	**3.42**	**2.07**	0.5 U	0.5 U	**8**	0.5 U
C-Pond-02	water	29-33	7/13/05	**0.6**	**1.31**	**0.74**	0.5 U	**14**	**19**	0.5 U	0.5 U	**32.5**	0.5 U
C-Pond-03	water	29-33	7/14/05	**1.12**	**4.38**	**1.42**	0.5 U	**48**	**13.7**	0.5 U	**1.5**	**46.9**	0.5 U
C-Pond-04	water	29-33	7/14/05	**0.7**	**5.43**	**2.36**	0.5 U	**56.4**	**15.4**	0.5 U	**0.87**	**34**	0.5 U
C-Pond-05	water	29-33	7/14/05	**1.32**	**9.09**	**2.49**	**2.04**	**88.7**	**18.9**	0.5 U	**3.72**	**36.7**	**0.61**
C-Pond-06	water	34-38	7/15/05	0.5 U	**2.28**	**0.51**	**1.84**	**31.7**	**1.47**	0.5 U	**0.64**	**3.28**	0.5 U
C-Pond-07	water	34-38	7/15/05	0.5 U	**2.13**	**0.82**	**0.96**	**16.9**	**6.46**	0.5 U	**0.5**	**4.18**	0.5 U
C-Pond-08	water	34-38	7/15/05	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.78**	0.5 U	0.5 U	**0.67**	0.5 U
C-Pond-09	water	36-40	7/15/05	0.5 U	**0.93**	0.5 U	0.5 U	**16.3**	**9.47**	0.5 U	0.5 U	**9.92**	0.5 U
C-Pond-10	water	41-45	7/18/05	**0.59**	**5.48**	**0.89**	0.5 U	**108**	**23.7**	0.5 U	**2**	**23.4**	0.5 U
C-Pond-10-D	water	41-45	7/18/05	**0.56**	**5.55**	**0.85**	0.5 U	**107**	**21.6**	0.5 U	**1.89**	**22.6**	0.5 U
C-Pond-11	water	34-38	7/13/05	0.5 U	**0.69**	0.5 U	0.5 U	**5.97**	**2.78**	**0.53**	0.5 U	**7.27**	0.5 U
C-Pond-11-D	water	34-38	7/13/05	0.5 U	**0.53**	0.5 U	0.5 U	**4.53**	**1.69**	0.5 U	0.5 U	**5.11**	0.5 U
C-Pond-12	water	39-43	7/11/05	0.5 U	**0.85**	0.5 U	0.5 U	**17**	**14.8**	0.5 U	**0.89**	**23.8**	0.5 U
C-Pond-13	water	40-44	7/12/05	**0.71**	**1.39**	**0.89**	0.5 U	**21.8**	**36.1**	0.5 U	0.5 U	**35.5**	0.5 U
C-Pond-14	water	36-40	7/11/05	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
C-Pond-15	water	36-40	7/11/05	0.5 U	0.5 U	0.5 U	0.5 U	**2.08**	**2.17**	0.5 U	0.5 U	**6.49**	0.5 U
C-Pond-16	water	44-48	7/18/05	0.5 U	**2.09**	**0.6**	**0.64**	**26.7**	**10.1**	0.5 U	**0.78**	**6.28**	0.5 U
C-Pond-17	water	36-40	7/18/05	0.5 U	**2.58**	0.5 U	**2.64**	**33.9**	**1.25**	0.5 U	**0.56**	**2.68**	0.5 U
C-Pond-18	water	34-38	7/18/05	**0.84**	**5.98**	**2**	**1.39**	**54.8**	**11.3**	0.5 U	**1.49**	**15.2**	0.5 U
C-Pond-19	water	29-33	7/14/05	**1.27**	**9.79**	**3.77**	**1.45**	**94.8**	**28.1**	0.5 U	**2.03**	**43**	**0.93**
C-Pond-19-D	water	29-33	7/14/05	**1.25**	**9.64**	**3.62**	0.5 U	**94**	**20.8**	0.5 U	**1.88**	**38.5**	**0.96**
C-Pond-20	water	29-33	7/13/05	**2.17**	**9.16**	**2.21**	0.5 U	**88.2**	**25.6**	0.5 U	**2.63**	**78.8**	0.5 U
C-Pond-21	water	34-38	7/13/05	**2.69**	**6.2**	**2.26**	0.5 U	**78.3**	**80.6**	0.5 U	**3.02**	**119**	0.5 U
C-Pond-22	water	30-34	7/14/05	**2.21**	**7.06**	**3.6**	0.5 U	**82**	**51**	0.5 U	**2.25**	**111**	0.5 U
C-Pond-23	water	29-33	7/14/05	**1.1**	**3.19**	**1.59**	0.5 U	**34.2**	**24.2**	0.5 U	0.5 U	**51.3**	0.5 U
C-Pond-24	water	34-38	7/13/05	**1.46**	**3.88**	**1.83**	0.5 U	**44.2**	**40.9**	**0.53**	**0.59**	**89.4**	0.5 U
C-Pond-25	water	35-39	7/12/05	**1.68**	**2.56**	**2.5**	0.5 U	**32.6**	**28.3**	0.5 U	0.5 U	**95.1**	0.5 U
C-Pond-25-D	water	35-39	7/12/05	**1.66**	**2.54**	**2.3**	0.5 U	**30.9**	**28.2**	0.5 U	**0.81**	**95.2**	0.5 U
C-Pond-26	water	29-33	7/13/05	**0.66**	**3.34**	**1.4**	0.5 U	**34.8**	**19.1**	0.5 U	**0.67**	**62.5**	0.5 U
C-Pond-27	water	34-38	7/12/05	0.5 U	0.5 U	0.5 U	0.5 U	**2.77**	**2.77**	0.5 U	0.5 U	**6.56**	0.5 U
C-Pond-28	water	36-40	7/15/05	**0.83**	**2.48**	**1.37**	0.5 U	**37.3**	**33.9**	0.5 U	**0.77**	**40.9**	0.5 U
C-Pond-29	water	41-45	7/12/05	0.5 U	0.5 U	0.5 U	0.5 U	**1.67**	**3.05**	0.5 U	0.5 U	**3.34**	0.5 U
C-Pond-30	water	41-45	7/11/05	**1.17**	**5.59**	**2.68**	0.5 U	**96.2**	**42.9**	0.5 U	**1.7**	**105**	0.5 U
Monitoring Wells													
GC-MW-12b	water	27-37	7/11/05	0.5 U	**0.9**	0.5 U	0.5 U	**7.6**	**14.5**	0.5 U	0.5 U	**21.9**	0.5 U

Notes:
Bold items indicate results above detection limits.
U - Constituent not detected above reported sample quantitation limit.

Table 5-20: Phase IV RI
Summary of Probe Boring Baghouse Dust and Slag Analytical Results - Former Carborundum Ponds
Former Building 2220 Site, Port of Vancouver

Well/Borehole Name	Matrix	Sample Depth (ft)	Sample Date	1,1,1-Trichloroethane (µg/kg)	1,1-Dichloroethane (µg/kg)	1,1-Dichloroethene (µg/kg)	1,2-Dibromoethane (µg/kg)	cis-1,2-Dichloroethene (µg/kg)	o-Xylene (µg/kg)	Tetra-chloroethene (µg/kg)	Toluene (µg/kg)	trans-1,2-Dichloroethene (µg/kg)	Tri-chloroethene (µg/kg)	Vinyl chloride (µg/kg)
C-Pond-01	baghouse dust	3.5	07/11/05	21 U	21 U	21 U	21 U	21 U	21 U	21 U	21 U	21 U	21 U	210 U
C-Pond-02	baghouse dust	8	07/13/05	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	207 U
C-Pond-03	baghouse dust	7	07/14/05	23.7 U	23.7 U	23.7 U	23.7 U	23.7 U	23.7 U	23.7 U	23.7 U	23.7 U	23.7 U	237 U
C-Pond-03-D	baghouse dust	7	07/14/05	22.1 U	22.1 U	22.1 U	22.1 U	22.1 U	22.1 U	22.1 U	**29.7**	22.1 U	22.1 U	221 U
C-Pond-04	baghouse dust	12	07/14/05	18.2 U	18.2 U	18.2 U	18.2 U	18.2 U	18.2 U	18.2 U	**25.8**	18.2 U	18.2 U	182 U
C-Pond-06	baghouse dust	7	07/15/05	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	20.7 U	207 U
C-Pond-07	baghouse dust	6	07/15/05	18.9 U	18.9 U	18.9 U	18.9 U	18.9 U	18.9 U	18.9 U	**45.5**	18.9 U	18.9 U	189 U
C-Pond-08	baghouse dust	5.5	07/15/05	34 U	34 U	34 U	34 U	34 U	34 U	34 U	34 U	34 U	34 U	340 U
C-Pond-08-D	baghouse dust	5.5	07/15/05	22.5 U	22.5 U	22.5 U	22.5 U	22.5 U	22.5 U	22.5 U	22.5 U	22.5 U	22.5 U	225 U
C-Pond-11	baghouse dust	4.5	07/13/05	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	178 U
C-Pond-12	baghouse dust	14	07/11/05	16.6 U	16.6 U	16.6 U	16.6 U	16.6 U	16.6 U	16.6 U	16.6 U	16.6 U	16.6 U	166 U
C-Pond-17	baghouse dust	8.5	07/18/05	22 U	22 U	22 U	22 U	22 U	**22.2**	22 U	22 U	22 U	22 U	220 U
C-Pond-18	baghouse dust	8.5	07/18/05	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U
C-Pond-19	baghouse dust	8.5	07/14/05	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U
C-Pond-20	baghouse dust	17	07/13/05	25.3 U	25.3 U	25.3 U	25.3 U	25.3 U	25.3 U	25.3 U	25.3 U	25.3 U	25.3 U	253 U
C-Pond-22	baghouse dust	4	07/14/05	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	195 U
C-Pond-23	baghouse dust	5.5	07/14/05	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	17.8 U	178 U
C-Pond-23	baghouse dust	9	07/14/05	23 U	23 U	23 U	23 U	23 U	23 U	23 U	23 U	23 U	23 U	230 U
C-Pond-24-D	baghouse dust	8	07/13/05	20.9 U	20.9 U	20.9 U	20.9 U	20.9 U	20.9 U	20.9 U	**25.5**	20.9 U	20.9 U	209 U
C-Pond-24	baghouse dust	8	07/13/05	21.8 U	21.8 U	21.8 U	21.8 U	21.8 U	21.8 U	21.8 U	21.8 U	21.8 U	21.8 U	218 U
C-Pond-25	baghouse dust	6.5	07/12/05	17.4 U	17.4 U	17.4 U	17.4 U	17.4 U	17.4 U	17.4 U	17.4 U	17.4 U	17.4 U	174 U
C-Pond-26	baghouse dust	9	07/13/05	20.8 U	20.8 U	20.8 U	20.8 U	20.8 U	20.8 U	20.8 U	20.8 U	20.8 U	20.8 U	208 U

Notes:
Bold items indicate results above detection limits.
U - Constituent not detected above reported sample quantitation limit.

Table 5-21: Phase IV RI
MW-5d and MW-5dR Analytical Results - Decommissioning and Replacement
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Sample Date	QC Code	1,1,1,2-Tetrachloro-ethane (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	1,2-Dichlor-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Bromodichloro-methane (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	cis-1,2-Dichloroethene (µg/l)	Methylene chloride (µg/l)	Tetrachloro-ethene (µg/l)	Toluene (µg/l)	trans-1,2-Dichloroethene (µg/l)	Trichloro-ethene (µg/l)	Trichloro-fluoromethane (µg/l)
MW-5d Decommissioning Groundwater Analytical Results																			
MW-05d	222	11/2/2006		1.00 U	**1.49**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	**5.96**	5.00 U	**7.51**	1.00 U	1.00 U	**63.0**	1.00 U
MW-05d	222	11/3/2006		0.500 U	**1.27**	**0.830**	**0.590**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	**5.50**	5.00 U	**5.51**	0.500 U	0.500 U	**34.6**	0.500 U
MW-5dR Depth-Specific Groundwater Analytical Results																			
MW-05dR	229	11/17/2006		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	**1.48**	1.00 U	1.00 U	1.00 U
MW-05dR	234	11/17/2006		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
MW-05dR	239	11/20/2006		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.11**	0.5 U	5.00 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:
Bold results indicate results above detection limits.
na = not applicable
U = undetected above reported sample quantitation limit
J = approximate concentration

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
First Quarter 2002 (collected monthly for January, February, & March)								
ASI-01	1/21/2002	shallow	PMX	10:00	18.71	PVC	25.32	6.61
Emerald-01	1/21/2002	shallow	PMX	11:21	56.00	PVC	62.40	6.40
FVP2-MW-09	1/21/2002	shallow	PMX	9:46	25.83	PVC	35.89	10.06
MW-01	1/21/2002	shallow	PMX	9:23	19.68	PVC	26.29	6.61
MW-02	1/21/2002	shallow	PMX	10:15	23.56	PVC	30.09	6.53
MW-03	1/21/2002	shallow	PMX	9:32	20.12	PVC	26.64	6.52
MW-05	1/21/2002	shallow	PMX	9:36	24.10	PVC	30.64	6.54
MW-07	1/21/2002	shallow	PMX	10:25	24.41	PVC	30.84	6.43
MW-08	1/21/2002	shallow	PMX	10:08	24.94	PVC	31.38	6.44
MW-09	1/21/2002	shallow	PMX	11:06	26.91	PVC	33.32	6.41
MW-10	1/21/2002	shallow	PMX	11:01	26.42	PVC	32.84	6.42
MW-12	1/21/2002	shallow	PMX	9:04	24.91	PVC	32.07	7.16
MW-13	1/21/2002	shallow	PMX	8:57	21.55	PVC	35.42	13.87
MW-15	1/21/2002	shallow	PMX	10:03	24.31	PVC	30.68	6.37
MW-18	1/21/2002	shallow	PMX	10:32	25.23	PVC	31.65	6.42
MW-20	1/21/2002	shallow	PMX	10:50	49.64	PVC	56.04	6.40
MW-21	1/21/2002	shallow	PMX	10:48	33.47	PVC	39.87	6.40
MW-23	1/21/2002	shallow	PMX	10:20	39.53	PVC	45.85	6.32
MW-24	1/21/2002	shallow	PMX	10:59	53.97	PVC	60.47	6.50
MW-25	1/21/2002	shallow	PMX	11:14	73.51	PVC	79.91	6.40
MW-E	1/21/2002	shallow	PMX	9:21	23.98	PVC	30.66	6.68
MW-F	1/21/2002	shallow	PMX	9:14	26.86	PVC	33.61	6.75
MW-G	1/21/2002	shallow	PMX	9:16	24.86	PVC	31.73	6.87
P-01	1/21/2002	shallow	PMX	9:33	22.17	PVC	29.79	7.62
P-02	1/21/2002	shallow	PMX	9:30	25.54	PVC	32.57	7.03
P-03	1/21/2002	shallow	PMX	9:28	23.39	PVC	29.95	6.56
P-04	1/21/2002	shallow	PMX	9:40	22.26	PVC	28.78	6.52
Plant-01	1/21/2002	shallow	PMX	10:43	20.45	Access Hole	27.12	6.67
SG-MW-01	1/21/2002	shallow	PMX	9:08	25.73	PVC	32.37	6.64
SG-MW-03	1/21/2002	shallow	PMX	9:12	21.17	PVC	27.77	6.60
ST-MW-07	1/21/2002	shallow	PMX	9:02	25.78	PVC	33.74	7.96
ST-MW-08	1/21/2002	shallow	PMX	9:00	26.39	PVC	33.98	7.59
ST-MW-09	1/21/2002	shallow	PMX	8:57	25.89	PVC	33.87	7.98
ST-MW-10	1/21/2002	shallow	PMX	8:53	26.83	PVC	34.83	8.00
ST-MW-15	1/21/2002	shallow	PMX	9:07	24.31	PVC	33.20	8.89
DMW-01	1/21/2002	intermediate	PMX	10:25	30.34	PVC	36.79	6.45
DMW-02	1/21/2002	intermediate	PMX	10:14	26.63	PVC	32.98	6.35
DMW-03	1/21/2002	intermediate	PMX	10:37	26.24	PVC	32.61	6.37
DMW-04	1/21/2002	intermediate	PMX	10:09	24.41	PVC	30.84	6.43
FVP2-MW-12B	1/21/2002	intermediate	PMX	9:48	27.77	PVC	34.17	6.40

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
FVP2-MW-13B	1/21/2002	intermediate	PMX	9:44	26.64	PVC	33.08	6.44
MW-04i	1/21/2002	intermediate	PMX	9:51	20.85	PVC	27.38	6.53
MW-05i	1/21/2002	intermediate	PMX	9:41	21.52	PVC	28.16	6.64
MW-07i	1/21/2002	intermediate	PMX	10:22	25.99	PVC	32.42	6.43
MW-08i	1/21/2002	intermediate	PMX	10:10	24.95	PVC	31.42	6.47
MW-15i	1/21/2002	intermediate	PMX	10:05	24.48	PVC	30.89	6.41
MW-18i	1/21/2002	intermediate	PMX	10:30	25.44	PVC	31.84	6.40
MW-19i	1/21/2002	intermediate	PMX	9:53	27.82	PVC	34.02	6.20
MW-24i	1/21/2002	intermediate	PMX	11:01	54.11	PVC	60.59	6.48
MW-26i	1/21/2002	intermediate	PMX	11:08	75.49	PVC	82.04	6.55
MW-28i	1/21/2002	intermediate	PMX	10:47	24.54	PVC	30.90	6.36
MW-29i	1/21/2002	intermediate	PMX	9:37	24.02	PVC	30.73	6.71
MW-01d	1/21/2002	deep	PMX	9:25	19.88	PVC	26.42	6.54
MW-04d	1/21/2002	deep	PMX	9:57	20.02	PVC	26.66	6.64
MW-12d	1/21/2002	deep	PMX	9:05	25.62	PVC	32.32	6.70
MW-13d	1/21/2002	deep	PMX	8:58	28.89	PVC	35.24	6.35
MW-14d	1/21/2002	deep	PMX	9:17	19.78	PVC	26.37	6.59
MW-17d	1/21/2002	deep	PMX	10:53	32.01	PVC	29.56	-2.45
CM-MW-01s	2/27/2002	shallow	PMX	9:43	16.57	Casing	23.43	6.86
MW-01	2/27/2002	shallow	PMX	10:05	19.43	PVC	26.29	6.86
MW-02	2/27/2002	shallow	PMX	10:33	23.33	PVC	30.09	6.76
MW-03	2/27/2002	shallow	PMX	10:21	19.85	PVC	26.64	6.79
MW-04	2/27/2002	shallow	PMX	10:08	19.77	PVC	26.57	6.80
MW-06	2/27/2002	shallow	PMX	10:40	22.55	PVC	29.29	6.74
MW-07	2/27/2002	shallow	PMX	10:45	24.15	PVC	30.84	6.69
MW-08	2/27/2002	shallow	PMX	10:25	24.65	PVC	31.38	6.73
MW-09	2/27/2002	shallow	PMX	11:10	26.67	PVC	33.32	6.65
MW-10	2/27/2002	shallow	PMX	11:05	26.21	PVC	32.84	6.63
MW-11	2/27/2002	shallow	PMX	9:24	18.08	PVC	24.96	6.88
MW-12	2/27/2002	shallow	PMX	9:08	25.07	PVC	32.07	7.00
MW-17	2/27/2002	shallow	PMX	11:10	22.78	PVC	29.34	6.56
MW-20	2/27/2002	shallow	PMX	11:20	49.49	PVC	56.04	6.55
MW-21	2/27/2002	shallow	PMX	11:25	33.31	PVC	39.87	6.56
MW-24	2/27/2002	shallow	PMX	11:40	53.88	PVC	60.47	6.59
MW-25	2/27/2002	shallow	PMX	11:43	73.44	PVC	79.91	6.47
SG-MW-03	2/27/2002	shallow	PMX	9:15	20.84	PVC	27.77	6.93
CM-MW-01i	2/27/2002	intermediate	PMX	9:49	16.51	Casing	23.39	6.88
MW-07i	2/27/2002	intermediate	PMX	10:48	25.75	PVC	32.42	6.67
MW-08i	2/27/2002	intermediate	PMX	10:30	24.75	PVC	31.42	6.67
MW-24i	2/27/2002	intermediate	PMX	11:35	54.01	PVC	60.59	6.58
MW-26i	2/27/2002	intermediate	PMX	11:48	75.57	PVC	82.04	6.47

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-01d	2/27/2002	deep	PMX	10:11	19.62	PVC	26.42	6.80
MW-02d	2/27/2002	deep	PMX	10:35	23.36	PVC	30.19	6.83
MW-12d	2/27/2002	deep	PMX	9:11	25.25	PVC	32.32	7.07
MW-14d	2/27/2002	deep	PMX	9:19	19.45	PVC	26.37	6.92
MW-17d	2/27/2002	deep	PMX	11:12	22.95	PVC	29.56	6.61
CM-MW-01s	3/25/2002	shallow	PMX	9:03	17.97	Casing	23.43	5.46
CM-MW-02s	3/25/2002	shallow	PMX	9:11	14.46	Casing	19.94	5.48
CM-MW-03s	3/25/2002	shallow	PMX	9:01	17.51	Casing	22.96	5.45
CM-MW-04s	3/25/2002	shallow	PMX	10:05	24.31	Casing	29.82	5.51
CM-MW-05s	3/25/2002	shallow	PMX	9:43	21.19	Casing	26.59	5.40
CM-MW-06s	3/25/2002	shallow	PMX	10:15	24.81	Casing	30.35	5.54
CM-MW-07s	3/25/2002	shallow	PMX	10:40	36.31	Casing	41.91	5.60
CM-MW-08s	3/25/2002	shallow	PMX	9:35	21.01	Casing	26.44	5.43
CM-MW-09s	3/25/2002	shallow	PMX	9:25	19.71	Casing	25.81	6.10
CM-MW-10s	3/25/2002	shallow	PMX	10:23	45.57	Casing	51.11	5.54
Emerald-01	3/25/2002	shallow	PMX	13:10	43.70	PVC	62.40	18.70
FVP2-MW-09	3/25/2002	shallow	PMX	10:43	26.44	PVC	35.89	9.45
MW-01	3/25/2002	shallow	PMX	11:07	20.78	PVC	26.29	5.51
MW-02	3/25/2002	shallow	PMX	11:53	24.60	PVC	30.09	5.49
MW-03	3/25/2002	shallow	PMX	11:12	21.10	PVC	26.64	5.54
MW-04	3/25/2002	shallow	PMX	11:01	21.10	PVC	26.57	5.47
MW-05	3/25/2002	shallow	PMX	11:09	25.18	PVC	30.64	5.46
MW-06	3/25/2002	shallow	PMX	12:00	23.81	PVC	29.29	5.48
MW-07	3/25/2002	shallow	PMX	12:07	25.35	PVC	30.84	5.49
MW-08	3/25/2002	shallow	PMX	11:47	25.87	PVC	31.38	5.51
MW-09	3/25/2002	shallow	PMX	11:55	27.83	PVC	33.32	5.49
MW-10	3/25/2002	shallow	PMX	11:50	27.40	PVC	32.84	5.44
MW-11	3/25/2002	shallow	PMX	10:55	19.50	PVC	24.96	5.46
MW-12	3/25/2002	shallow	PMX	8:46	25.92	PVC	32.07	6.15
MW-13	3/25/2002	shallow	PMX	8:41	22.00	PVC	35.42	13.42
MW-15	3/25/2002	shallow	PMX	11:17	25.44	PVC	30.68	5.24
MW-16	3/25/2002	shallow	PMX	13:02	31.69	PVC	37.21	5.52
MW-17	3/25/2002	shallow	PMX	11:45	23.95	PVC	29.34	5.39
MW-18	3/25/2002	shallow	PMX	11:03	26.36	PVC	31.65	5.29
MW-23	3/25/2002	shallow	PMX	11:26	40.46	PVC	45.85	5.39
MW-24	3/25/2002	shallow	PMX	12:29	54.85	PVC	60.47	5.62
MW-25	3/25/2002	shallow	PMX	12:48	74.34	PVC	79.91	5.57
MW-E	3/25/2002	shallow	PMX	10:19	25.36	PVC	30.66	5.30
MW-F	3/25/2002	shallow	PMX	10:19	28.19	PVC	33.61	5.42
MW-G	3/25/2002	shallow	PMX	10:16	26.35	PVC	31.73	5.38
P-01	3/25/2002	shallow	PMX	10:26	22.66	PVC	29.79	7.13

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
P-02	3/25/2002	shallow	PMX	10:29	25.95	PVC	32.57	6.62
P-03	3/25/2002	shallow	PMX	10:23	24.81	PVC	29.95	5.14
P-04	3/25/2002	shallow	PMX	10:35	23.59	PVC	28.78	5.19
Plant-01	3/25/2002	shallow	PMX	11:33	21.65	Access Hole	27.12	5.47
SG-MW-03	3/25/2002	shallow	PMX	10:20	22.35	PVC	27.77	5.42
ST-MW-07	3/25/2002	shallow	PMX	10:03	27.05	PVC	33.74	6.69
ST-MW-08	3/25/2002	shallow	PMX	10:01	27.35	PVC	33.98	6.63
ST-MW-09	3/25/2002	shallow	PMX	9:59	27.08	PVC	33.87	6.79
ST-MW-10	3/25/2002	shallow	PMX	9:56	27.15	PVC	34.83	7.68
ST-MW-15	3/25/2002	shallow	PMX	10:10	25.43	PVC	33.20	7.77
ST-MW-16	3/25/2002	shallow	PMX	10:07	27.62	PVC	33.30	5.68
CM-MW-04i	3/25/2002	intermediate	PMX	10:02	24.27	Casing	29.84	5.57
CM-MW-05i	3/25/2002	intermediate	PMX	9:46	21.19	Casing	26.65	5.46
DMW-01	3/25/2002	intermediate	PMX	10:59	28.30	PVC	36.79	8.49
DMW-03	3/25/2002	intermediate	PMX	11:10	27.30	PVC	32.61	5.31
DMW-04	3/25/2002	intermediate	PMX	11:22	25.58	PVC	30.84	5.26
FVP2-MW-12B	3/25/2002	intermediate	PMX	10:45	28.90	PVC	34.17	5.27
FVP2-MW-13B	3/25/2002	intermediate	PMX	10:41	27.84	PVC	33.08	5.24
MW-04i	3/25/2002	intermediate	PMX	11:35	21.95	PVC	27.38	5.43
MW-05i	3/25/2002	intermediate	PMX	11:11	22.56	PVC	28.16	5.60
MW-07i	3/25/2002	intermediate	PMX	12:03	26.93	PVC	32.42	5.49
MW-08i	3/25/2002	intermediate	PMX	11:45	25.88	PVC	31.42	5.54
MW-15i	3/25/2002	intermediate	PMX	11:16	25.68	PVC	30.89	5.21
MW-18i	3/25/2002	intermediate	PMX	11:04	26.53	PVC	31.84	5.31
MW-19i	3/25/2002	intermediate	PMX	10:49	28.65	PVC	34.02	5.37
MW-24i	3/25/2002	intermediate	PMX	12:31	55.01	PVC	60.59	5.58
MW-26i	3/25/2002	intermediate	PMX	12:40	76.31	PVC	82.04	5.73
MW-28i	3/25/2002	intermediate	PMX	11:36	25.57	PVC	30.90	5.33
MW-29i	3/25/2002	intermediate	PMX	10:33	25.66	PVC	30.73	5.07
CM-MW-02d	3/25/2002	deep	PMX	9:20	21.60	Casing	26.98	5.38
CM-MW-05d	3/25/2002	deep	PMX	9:50	21.24	Casing	26.65	5.41
CM-MW-10d	3/25/2002	deep	PMX	10:20	45.75	Casing	51.35	5.60
MW-01d	3/25/2002	deep	PMX	11:05	21.11	PVC	26.42	5.31
MW-02d	3/25/2002	deep	PMX	11:50	24.63	PVC	30.19	5.56
MW-04d	3/25/2002	deep	PMX	11:31	21.18	PVC	26.66	5.48
MW-05d	3/25/2002	deep	PMX	11:20	22.59	PVC	27.97	5.38
MW-12d	3/25/2002	deep	PMX	8:47	26.73	PVC	32.32	5.59
MW-13d	3/25/2002	deep	PMX	8:40	29.91	PVC	35.24	5.33
MW-14d	3/25/2002	deep	PMX	10:51	21.11	PVC	26.37	5.26
MW-16d	3/25/2002	deep	PMX	13:00	30.78	PVC	36.40	5.62
MW-17d	3/25/2002	deep	PMX	11:44	24.12	PVC	29.56	5.44

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
Second Quarter 2002 (collected montly for April & May)								
FVP2-MW-09	4/29/2002	shallow	PMX	11:08	25.32	PVC	35.89	10.57
MW-01	4/29/2002	shallow	PMX	9:06	17.61	PVC	26.29	8.68
MW-03	4/29/2002	shallow	PMX	9:11	18.00	PVC	26.64	8.64
MW-04	4/29/2002	shallow	PMX	8:57	17.95	PVC	26.57	8.62
MW-05	4/29/2002	shallow	PMX	9:23	22.05	PVC	30.64	8.59
MW-06	4/29/2002	shallow	PMX	9:53	20.73	PVC	29.29	8.56
MW-07	4/29/2002	shallow	PMX	9:56	22.30	PVC	30.84	8.54
MW-08	4/29/2002	shallow	PMX	9:40	22.81	PVC	31.38	8.57
MW-09	4/29/2002	shallow	PMX	12:18	24.80	PVC	33.32	8.52
MW-10	4/29/2002	shallow	PMX	12:14	24.37	PVC	32.84	8.47
MW-11	4/29/2002	shallow	PMX	9:00	16.31	PVC	24.96	8.65
MW-12	4/29/2002	shallow	PMX	8:40	23.05	PVC	32.07	9.02
MW-13	4/29/2002	shallow	PMX	8:35	22.48	PVC	35.42	12.94
MW-15	4/29/2002	shallow	PMX	11:52	22.37	PVC	30.68	8.31
MW-16	4/29/2002	shallow	PMX	10:05	28.67	PVC	37.21	8.54
MW-17	4/29/2002	shallow	PMX	12:08	20.94	PVC	29.34	8.40
MW-18	4/29/2002	shallow	PMX	11:40	23.27	PVC	31.65	8.38
MW-23	4/29/2002	shallow	PMX	11:34	37.39	PVC	45.85	8.46
MW-24	4/29/2002	shallow	PMX	10:15	51.81	PVC	60.47	8.66
MW-25	4/29/2002	shallow	PMX	10:28	71.33	PVC	79.91	8.58
MW-E	4/29/2002	shallow	PMX	10:43	22.15	PVC	30.66	8.51
MW-F	4/29/2002	shallow	PMX	10:37	24.94	PVC	33.61	8.67
MW-G	4/29/2002	shallow	PMX	10:39	23.19	PVC	31.73	8.54
P-01	4/29/2002	shallow	PMX	10:50	20.87	PVC	29.79	8.92
P-02	4/29/2002	shallow	PMX	10:53	24.12	PVC	32.57	8.45
P-03	4/29/2002	shallow	PMX	10:47	21.54	PVC	29.95	8.41
P-04	4/29/2002	shallow	PMX	11:01	20.81	PVC	28.78	7.97
Plant-01	4/29/2002	shallow	PMX	11:59	18.64	Access Hole	27.12	8.48
SG-MW-01	4/29/2002	shallow	PMX	8:46	23.02	PVC	32.37	9.35
SG-MW-03	4/29/2002	shallow	PMX	8:49	19.16	PVC	27.77	8.61
ST-MW-07	4/29/2002	shallow	PMX	10:26	24.44	PVC	33.74	9.30
ST-MW-08	4/29/2002	shallow	PMX	10:24	24.94	PVC	33.98	9.04
ST-MW-09	4/29/2002	shallow	PMX	10:22	24.64	PVC	33.87	9.23
ST-MW-10	4/29/2002	shallow	PMX	10:19	25.51	PVC	34.83	9.32
ST-MW-15	4/29/2002	shallow	PMX	10:32	23.45	PVC	33.20	9.75
ST-MW-16	4/29/2002	shallow	PMX	10:29	24.43	PVC	33.30	8.87
DMW-01	4/29/2002	intermediate	PMX	11:26	28.31	PVC	36.79	8.48
DMW-02	4/29/2002	intermediate	PMX	11:30	24.57	PVC	32.98	8.41
DMW-03	4/29/2002	intermediate	PMX	11:47	24.25	PVC	32.61	8.36
DMW-04	4/29/2002	intermediate	PMX	12:27	22.55	PVC	30.84	8.29

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
FVP2-MW-12B	4/29/2002	intermediate	PMX	11:11	25.76	PVC	34.17	8.41
FVP2-MW-13B	4/29/2002	intermediate	PMX	11:06	24.73	PVC	33.08	8.35
MW-04i	4/29/2002	intermediate	PMX	9:31	18.82	PVC	27.38	8.56
MW-05i	4/29/2002	intermediate	PMX	9:20	19.42	PVC	28.16	8.74
MW-07i	4/29/2002	intermediate	PMX	9:59	23.88	PVC	32.42	8.54
MW-08i	4/29/2002	intermediate	PMX	9:44	22.86	PVC	31.42	8.56
MW-15i	4/29/2002	intermediate	PMX	11:54	22.62	PVC	30.89	8.27
MW-18i	4/29/2002	intermediate	PMX	11:42	23.44	PVC	31.84	8.40
MW-19i	4/29/2002	intermediate	PMX	11:15	25.75	PVC	34.02	8.27
MW-24i	4/29/2002	intermediate	PMX	10:17	51.98	PVC	60.59	8.61
MW-26i	4/29/2002	intermediate	PMX	10:24	73.39	PVC	82.04	8.65
MW-28i	4/29/2002	intermediate	PMX	12:00	22.54	PVC	30.90	8.36
MW-29i	4/29/2002	intermediate	PMX	10:57	22.40	PVC	30.73	8.33
MW-01d	4/29/2002	deep	PMX	9:04	17.87	PVC	26.42	8.55
MW-02d	4/29/2002	deep	PMX	9:48	21.63	PVC	30.19	8.56
MW-04d	4/29/2002	deep	PMX	9:29	18.13	PVC	26.66	8.53
MW-05d	4/29/2002	deep	PMX	9:18	19.44	PVC	27.97	8.53
MW-12d	4/29/2002	deep	PMX	8:42	23.60	PVC	32.32	8.72
MW-13d	4/29/2002	deep	PMX	8:34	26.86	PVC	35.24	8.38
MW-14d	4/29/2002	deep	PMX	8:53	17.82	PVC	26.37	8.55
MW-16d	4/29/2002	deep	PMX	10:07	27.81	PVC	36.40	8.59
MW-17d	4/29/2002	deep	PMX	12:09	21.13	PVC	29.56	8.43
ASI-01	5/28/2002	shallow	PMX	12:38	16.25	PVC	25.32	9.07
FVP2-MW-09	5/28/2002	shallow	PMX	9:51	25.01	PVC	35.89	10.88
MW-01	5/28/2002	shallow	PMX	12:23	17.32	PVC	26.29	8.97
MW-02	5/28/2002	shallow	PMX	12:50	21.17	PVC	30.09	8.92
MW-03	5/28/2002	shallow	PMX	12:15	17.71	PVC	26.64	8.93
MW-04	5/28/2002	shallow	PMX	12:05	17.58	PVC	26.57	8.99
MW-06	5/28/2002	shallow	PMX	13:00	20.38	PVC	29.29	8.91
MW-07	5/28/2002	shallow	PMX	13:07	22.01	PVC	30.84	8.83
MW-08	5/28/2002	shallow	PMX	12:44	22.53	PVC	31.38	8.85
MW-09	5/28/2002	shallow	PMX	11:12	24.60	PVC	33.32	8.72
MW-10	5/28/2002	shallow	PMX	11:07	24.10	PVC	32.84	8.74
MW-11	5/28/2002	shallow	PMX	12:01	15.89	PVC	24.96	9.07
MW-12	5/28/2002	shallow	PMX	11:45	23.28	PVC	32.07	8.79
MW-15	5/28/2002	shallow	PMX	10:38	21.85	PVC	30.68	8.83
MW-17	5/28/2002	shallow	PMX	11:02	20.60	PVC	29.34	8.74
MW-18	5/28/2002	shallow	PMX	10:26	22.96	PVC	31.65	8.69
MW-20	5/28/2002	shallow	PMX	13:19	47.33	PVC	56.04	8.71
MW-21	5/28/2002	shallow	PMX	13:21	31.14	PVC	39.87	8.73
MW-23	5/28/2002	shallow	PMX	10:13	37.18	PVC	45.85	8.67

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-24	5/28/2002	shallow	PMX	13:30	51.74	PVC	60.47	8.73
MW-25	5/28/2002	shallow	PMX	13:40	71.30	PVC	79.91	8.61
MW-E	5/28/2002	shallow	PMX	9:25	21.32	PVC	30.66	9.34
MW-F	5/28/2002	shallow	PMX	9:19	24.05	PVC	33.61	9.56
MW-G	5/28/2002	shallow	PMX	9:21	22.21	PVC	31.73	9.52
P-01	5/28/2002	shallow	PMX	9:34	21.17	PVC	29.79	8.62
P-02	5/28/2002	shallow	PMX	9:38	24.02	PVC	32.57	8.55
P-03	5/28/2002	shallow	PMX	9:29	20.55	PVC	29.95	9.40
P-04	5/28/2002	shallow	PMX	9:44	19.62	PVC	28.78	9.16
Plant-01	5/28/2002	shallow	PMX	10:49	18.06	Access Hole	27.12	9.06
SG-MW-01	5/28/2002	shallow	PMX	13:12	23.30	PVC	32.37	9.07
SG-MW-03	5/28/2002	shallow	PMX	11:52	18.68	PVC	27.77	9.09
ST-MW-07	5/28/2002	shallow	PMX	9:09	25.07	PVC	33.74	8.67
ST-MW-08	5/28/2002	shallow	PMX	9:06	25.12	PVC	33.98	8.86
ST-MW-09	5/28/2002	shallow	PMX	9:04	25.28	PVC	33.87	8.59
ST-MW-10	5/28/2002	shallow	PMX	9:02	25.60	PVC	34.83	9.23
ST-MW-15	5/28/2002	shallow	PMX	9:13	24.05	PVC	33.20	9.15
DMW-01	5/28/2002	intermediate	PMX	10:09	28.05	PVC	36.79	8.74
DMW-02	5/28/2002	intermediate	PMX	10:18	24.28	PVC	32.98	8.70
DMW-03	5/28/2002	intermediate	PMX	10:30	23.90	PVC	32.61	8.71
DMW-04	5/28/2002	intermediate	PMX	10:44	22.01	PVC	30.84	8.83
FVP2-MW-12B	5/28/2002	intermediate	PMX	9:54	25.30	PVC	34.17	8.87
FVP2-MW-13B	5/28/2002	intermediate	PMX	9:49	24.20	PVC	33.08	8.88
MW-04i	5/28/2002	intermediate	PMX	12:30	18.39	PVC	27.38	8.99
MW-05i	5/28/2002	intermediate	PMX	12:10	19.09	PVC	28.16	9.07
MW-07i	5/28/2002	intermediate	PMX	13:03	23.60	PVC	32.42	8.82
MW-08i	5/28/2002	intermediate	PMX	12:47	22.61	PVC	31.42	8.81
MW-15i	5/28/2002	intermediate	PMX	10:40	22.01	PVC	30.89	8.88
MW-18i	5/28/2002	intermediate	PMX	10:27	23.12	PVC	31.84	8.72
MW-19i	5/28/2002	intermediate	PMX	9:52	25.31	PVC	34.02	8.71
MW-24i	5/28/2002	intermediate	PMX	13:28	51.82	PVC	60.59	8.77
MW-26i	5/28/2002	intermediate	PMX	13:36	73.35	PVC	82.04	8.69
MW-28i	5/28/2002	intermediate	PMX	10:53	22.15	PVC	30.90	8.75
MW-01d	5/28/2002	deep	PMX	12:20	17.38	PVC	26.42	9.04
MW-02d	5/28/2002	deep	PMX	12:52	21.16	PVC	30.19	9.03
MW-04d	5/28/2002	deep	PMX	12:35	17.66	PVC	26.66	9.00
MW-05d	5/28/2002	deep	PMX	12:12	18.92	PVC	27.97	9.05
MW-12d	5/28/2002	deep	PMX	11:47	23.17	PVC	32.32	9.15
MW-14d	5/28/2002	deep	PMX	11:58	17.25	PVC	26.37	9.12
MW-17d	5/28/2002	deep	PMX	11:01	20.78	PVC	29.56	8.78
Third Quarter 2002								

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
ASI-01	8/19/2002	shallow	PMX	12:34	20.51	PVC	25.32	4.81
FVP2-MW-09	8/19/2002	shallow	PMX	10:08	27.03	PVC	35.89	8.86
MW-01	8/19/2002	shallow	PMX	11:38	21.42	PVC	26.29	4.87
MW-02	8/19/2002	shallow	PMX	12:45	25.23	PVC	30.09	4.86
MW-03	8/19/2002	shallow	PMX	11:59	21.78	PVC	26.64	4.86
MW-04	8/19/2002	shallow	PMX	11:55	21.70	PVC	26.57	4.87
MW-05	8/19/2002	shallow	PMX	12:10	25.81	PVC	30.64	4.83
MW-06	8/19/2002	shallow	PMX	12:51	24.45	PVC	29.29	4.84
MW-07	8/19/2002	shallow	PMX	12:59	25.95	PVC	30.84	4.89
MW-08	8/19/2002	shallow	PMX	12:40	26.45	PVC	31.38	4.93
MW-09	8/19/2002	shallow	PMX	11:26	28.37	PVC	33.32	4.95
MW-10	8/19/2002	shallow	PMX	11:22	27.93	PVC	32.84	4.91
MW-11	8/19/2002	shallow	PMX	11:53	20.15	PVC	24.96	4.81
MW-12	8/19/2002	shallow	PMX	11:25	26.72	PVC	32.07	5.35
MW-13	8/19/2002	shallow	PMX	11:01	23.29	PVC	35.42	12.13
MW-15	8/19/2002	shallow	PMX	10:53	26.00	PVC	30.68	4.68
MW-16	8/19/2002	shallow	PMX	13:20	32.37	PVC	37.21	4.84
MW-17	8/19/2002	shallow	PMX	11:16	24.59	PVC	29.34	4.75
MW-18	8/19/2002	shallow	PMX	10:45	26.83	PVC	31.65	4.82
MW-20	8/19/2002	shallow	PMX	13:05	51.18	PVC	56.04	4.86
MW-21	8/19/2002	shallow	PMX	13:12	35.03	PVC	39.87	4.84
MW-24	8/19/2002	shallow	PMX	13:33	55.52	PVC	60.47	4.95
MW-25	8/19/2002	shallow	PMX	13:44	75.02	PVC	79.91	4.89
MW-E	8/19/2002	shallow	PMX	9:43	25.73	PVC	30.66	4.93
MW-F	8/19/2002	shallow	PMX	9:35	28.46	PVC	33.61	5.15
MW-G	8/19/2002	shallow	PMX	9:39	26.69	PVC	31.73	5.04
P-01	8/19/2002	shallow	PMX	9:51	22.51	PVC	29.79	7.28
P-02	8/19/2002	shallow	PMX	9:55	25.46	PVC	32.57	7.11
P-03	8/19/2002	shallow	PMX	9:48	25.00	PVC	29.95	4.95
P-04	8/19/2002	shallow	PMX	10:02	23.98	PVC	28.78	4.80
Plant-01	8/19/2002	shallow	PMX	11:05	22.25	Access Hole	27.12	4.87
SG-MW-01	8/19/2002	shallow	PMX	11:15	27.54	PVC	32.37	4.83
SG-MW-03	8/19/2002	shallow	PMX	11:45	22.99	PVC	27.77	4.78
ST-MW-07	8/19/2002	shallow	PMX	9:22	27.54	PVC	33.74	6.20
ST-MW-08	8/19/2002	shallow	PMX	9:19	27.43	PVC	33.98	6.55
ST-MW-09	8/19/2002	shallow	PMX	9:16	27.57	PVC	33.87	6.30
ST-MW-10	8/19/2002	shallow	PMX	9:14	27.32	PVC	34.83	7.51
ST-MW-15	8/19/2002	shallow	PMX	9:30	26.18	PVC	33.20	7.02
ST-MW-16	8/19/2002	shallow	PMX	9:25	27.95	PVC	33.30	5.35
DMW-01	8/19/2002	intermediate	PMX	10:29	31.89	PVC	36.79	4.90
DMW-03	8/19/2002	intermediate	PMX	10:48	27.85	PVC	32.61	4.76

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
DMW-04	8/19/2002	intermediate	PMX	10:59	26.15	PVC	30.84	4.69
FVP2-MW-12B	8/19/2002	intermediate	PMX	11:12	29.38	PVC	34.17	4.79
FVP2-MW-13B	8/19/2002	intermediate	PMX	10:06	28.33	PVC	33.08	4.75
MW-04i	8/19/2002	intermediate	PMX	12:26	22.60	PVC	27.38	4.78
MW-05i	8/19/2002	intermediate	PMX	12:05	23.18	PVC	28.16	4.98
MW-07i	8/19/2002	intermediate	PMX	12:56	27.55	PVC	32.42	4.87
MW-08i	8/19/2002	intermediate	PMX	12:43	26.52	PVC	31.42	4.90
MW-15i	8/19/2002	intermediate	PMX	10:51	26.22	PVC	30.89	4.67
MW-18i	8/19/2002	intermediate	PMX	10:42	27.03	PVC	31.84	4.81
MW-19i	8/19/2002	intermediate	PMX	10:17	29.29	PVC	34.02	4.73
MW-24i	8/19/2002	intermediate	PMX	13:30	55.67	PVC	60.59	4.92
MW-26i	8/19/2002	intermediate	PMX	13:39	77.00	PVC	82.04	5.04
MW-28i	8/19/2002	intermediate	PMX	11:08	26.13	PVC	30.90	4.77
MW-29i	8/19/2002	intermediate	PMX	9:59	26.05	PVC	30.73	4.68
MW-01d	8/19/2002	deep	PMX	11:35	21.75	PVC	26.42	4.67
MW-02d	8/19/2002	deep	PMX	12:48	25.47	PVC	30.19	4.72
MW-04d	8/19/2002	deep	PMX	12:30	21.86	PVC	26.66	4.80
MW-05d	8/19/2002	deep	PMX	12:15	23.31	PVC	27.97	4.66
MW-12d	8/19/2002	deep	PMX	11:28	27.47	PVC	32.32	4.85
MW-13d	8/19/2002	deep	PMX	11:00	30.64	PVC	35.24	4.60
MW-14d	8/19/2002	deep	PMX	11:48	21.79	PVC	26.37	4.58
MW-16d	8/19/2002	deep	PMX	13:23	31.47	PVC	36.40	4.93
MW-17d	8/19/2002	deep	PMX	11:15	24.70	PVC	29.56	4.86
Fourth Quarter 2002								
MW-01	11/18/2002	shallow	PMX	10:51	21.81	PVC	26.29	4.48
MW-02	11/18/2002	shallow	PMX	11:45	25.40	PVC	30.09	4.69
MW-03	11/18/2002	shallow	PMX	11:02	21.93	PVC	26.64	4.71
MW-04	11/18/2002	shallow	PMX	10:45	21.87	PVC	26.57	4.70
MW-05	11/18/2002	shallow	PMX	11:05	25.97	PVC	30.64	4.67
MW-06	11/18/2002	shallow	PMX	11:50	24.60	PVC	29.29	4.69
MW-07	11/18/2002	shallow	PMX	12:01	26.14	PVC	30.84	4.70
MW-08	11/18/2002	shallow	PMX	11:30	26.63	PVC	31.38	4.75
MW-11	11/18/2002	shallow	PMX	10:42	20.28	PVC	24.96	4.68
MW-12	11/18/2002	shallow	PMX	10:23	27.19	PVC	32.07	4.88
MW-13	11/18/2002	shallow	PMX	10:13	23.74	PVC	35.42	11.68
MW-16	11/18/2002	shallow	PMX	12:11	32.57	PVC	37.21	4.64
MW-20	11/18/2002	shallow	PMX	12:20	51.41	PVC	56.04	4.63
MW-21	11/18/2002	shallow	PMX	12:24	35.25	PVC	39.87	4.62
MW-24	11/18/2002	shallow	PMX	12:35	55.78	PVC	60.47	4.69
MW-25	11/18/2002	shallow	PMX	12:44	75.25	PVC	79.91	4.66
SG-MW-01	11/18/2002	shallow	PMX	10:18	27.68	PVC	32.37	4.69

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
SG-MW-03	11/18/2002	shallow	PMX	10:31	23.12	PVC	27.77	4.65
MW-04i	11/18/2002	intermediate	PMX	11:17	22.75	PVC	27.38	4.63
MW-07i	11/18/2002	intermediate	PMX	11:55	27.74	PVC	32.42	4.68
MW-08i	11/18/2002	intermediate	PMX	11:36	26.70	PVC	31.42	4.72
MW-24i	11/18/2002	intermediate	PMX	12:31	55.90	PVC	60.59	4.69
MW-26i	11/18/2002	intermediate	PMX	12:41	77.30	PVC	82.04	4.74
MW-01d	11/18/2002	deep	PMX	10:53	21.91	PVC	26.42	4.51
MW-02d	11/18/2002	deep	PMX	11:41	25.51	PVC	30.19	4.68
MW-04d	11/18/2002	deep	PMX	11:12	22.08	PVC	26.66	4.58
MW-12d	11/18/2002	deep	PMX	10:26	27.59	PVC	32.32	4.73
MW-13d	11/18/2002	deep	PMX	10:14	30.75	PVC	35.24	4.49
MW-14d	11/18/2002	deep	PMX	10:38	21.86	PVC	26.37	4.51
MW-16d	11/18/2002	deep	PMX	12:13	31.68	PVC	36.40	4.72
First Quarter 2003								
FVP2-MW-09	2/21/2003	shallow	PMX	10:11	23.01	PVC	33.00	9.99
MW-01	2/21/2003	shallow	PMX	9:53	19.19	PVC	26.29	7.10
MW-02	2/21/2003	shallow	PMX	10:58	23.14	PVC	30.09	6.95
MW-03	2/21/2003	shallow	PMX	10:03	19.67	PVC	26.64	6.97
MW-04	2/21/2003	shallow	PMX	9:48	19.58	PVC	26.57	6.99
MW-05	2/21/2003	shallow	PMX	10:14	23.63	PVC	30.64	7.01
MW-06	2/21/2003	shallow	PMX	11:02	22.35	PVC	29.29	6.94
MW-07	2/21/2003	shallow	PMX	11:09	23.98	PVC	30.84	6.86
MW-08	2/21/2003	shallow	PMX	10:50	24.51	PVC	31.38	6.87
MW-09	2/21/2003	shallow	PMX	11:30	26.52	PVC	33.32	6.80
MW-10	2/21/2003	shallow	PMX	11:22	25.99	PVC	32.84	6.85
MW-11	2/21/2003	shallow	PMX	9:45	17.84	PVC	24.96	7.12
MW-12	2/21/2003	shallow	PMX	9:29	24.80	PVC	32.07	7.27
MW-13	2/21/2003	shallow	PMX	9:14	21.45	PVC	35.42	13.97
MW-15	2/21/2003	shallow	PMX	10:57	23.89	PVC	30.68	6.79
MW-16	2/21/2003	shallow	PMX	11:16	30.41	PVC	37.21	6.80
MW-17	2/21/2003	shallow	PMX	11:38	22.57	PVC	29.34	6.77
MW-18	2/21/2003	shallow	PMX	10:47	24.91	PVC	31.65	6.74
MW-20	2/21/2003	shallow	PMX	11:34	49.27	PVC	56.04	6.77
MW-21	2/21/2003	shallow	PMX	11:41	33.09	PVC	39.87	6.78
MW-23	2/21/2003	shallow	PMX	10:37	39.12	PVC	45.85	6.73
MW-24	2/21/2003	shallow	PMX	11:49	53.65	PVC	60.47	6.82
MW-25	2/21/2003	shallow	PMX	11:59	73.23	PVC	79.91	6.68
MW-E	2/21/2003	shallow	PMX	9:38	23.32	PVC	30.66	7.34
MW-F	2/21/2003	shallow	PMX	9:21	26.14	PVC	33.61	7.47
MW-G	2/21/2003	shallow	PMX	9:24	24.22	PVC	31.73	7.51
P-01	2/21/2003	shallow	PMX	9:45	22.16	PVC	29.79	7.63

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
P-02	2/21/2003	shallow	PMX	9:59	25.30	PVC	32.57	7.27
P-03	2/21/2003	shallow	PMX	9:50	22.68	PVC	29.95	7.27
Plant-01	2/21/2003	shallow	PMX	11:09	20.09	Access Hole	27.12	7.03
SG-MW-01	2/21/2003	shallow	PMX	9:21	25.13	PVC	32.37	7.24
SG-MW-03	2/21/2003	shallow	PMX	9:33	20.60	PVC	27.77	7.17
ST-MW-07	2/21/2003	shallow	PMX	9:03	25.21	PVC	33.74	8.53
ST-MW-08	2/21/2003	shallow	PMX	9:00	26.09	PVC	33.98	7.89
ST-MW-09	2/21/2003	shallow	PMX	8:57	25.85	PVC	33.87	8.02
ST-MW-10	2/21/2003	shallow	PMX	8:53	26.76	PVC	34.83	8.07
ST-MW-16	2/21/2003	shallow	PMX	9:07	25.52	PVC	33.30	7.78
DMW-01	2/21/2003	intermediate	PMX	10:32	29.99	PVC	36.79	6.80
DMW-03	2/21/2003	intermediate	PMX	10:52	25.86	PVC	32.61	6.75
DMW-04	2/21/2003	intermediate	PMX	11:01	24.06	PVC	30.84	6.78
FVP2-MW-12B	2/21/2003	intermediate	PMX	10:15	24.20	PVC	32.45	8.25
FVP2-MW-13B	2/21/2003	intermediate	PMX	10:07	24.52	PVC	32.38	7.86
MW-04i	2/21/2003	intermediate	PMX	10:34	21.56	PVC	28.48	6.92
MW-05i	2/21/2003	intermediate	PMX	10:06	21.08	PVC	28.16	7.08
MW-07i	2/21/2003	intermediate	PMX	11:07	25.56	PVC	32.42	6.86
MW-08i	2/21/2003	intermediate	PMX	10:45	24.56	PVC	31.42	6.86
MW-15i	2/21/2003	intermediate	PMX	10:55	24.07	PVC	30.89	6.82
MW-18i	2/21/2003	intermediate	PMX	10:45	25.08	PVC	31.84	6.76
MW-19i	2/21/2003	intermediate	PMX	10:20	27.32	PVC	34.02	6.70
MW-24i	2/21/2003	intermediate	PMX	11:49	53.76	PVC	60.59	6.83
MW-26i	2/21/2003	intermediate	PMX	11:56	75.22	PVC	82.04	6.82
MW-28i	2/21/2003	intermediate	PMX	11:13	24.10	PVC	30.90	6.80
MW-29i	2/21/2003	intermediate	PMX	9:55	23.36	PVC	30.73	7.37
MW-31i	2/21/2003	intermediate	PMX	9:41	24.15	PVC	31.45	7.30
MW-01d	2/21/2003	deep	PMX	10:00	19.28	PVC	26.42	7.14
MW-02d	2/21/2003	deep	PMX	10:55	23.11	PVC	30.19	7.08
MW-04d	2/21/2003	deep	PMX	10:40	19.68	PVC	26.66	6.98
MW-05d	2/21/2003	deep	PMX	10:12	20.88	PVC	27.97	7.09
MW-12d	2/21/2003	deep	PMX	9:26	24.99	PVC	32.32	7.33
MW-13d	2/21/2003	deep	PMX	9:15	28.25	PVC	35.24	6.99
MW-14d	2/21/2003	deep	PMX	9:40	19.15	PVC	26.37	7.22
MW-16d	2/21/2003	deep	PMX	11:18	29.52	PVC	36.40	6.88
MW-17d	2/21/2003	deep	PMX	11:37	22.74	PVC	29.56	6.82
Second Quarter 2003								
MW-01	5/22/2003	shallow	PMX	9:52	18.60	PVC	26.29	7.69
MW-02	5/22/2003	shallow	PMX	13:24	22.35	PVC	30.09	7.74
MW-03	5/22/2003	shallow	PMX	11:18	18.95	PVC	26.64	7.69
MW-04	5/22/2003	shallow	PMX	11:13	18.86	PVC	26.57	7.71

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-05	5/22/2003	shallow	PMX	11:26	22.95	PVC	30.64	7.69
MW-06	5/22/2003	shallow	PMX	13:44	21.58	PVC	29.29	7.71
MW-07	5/22/2003	shallow	PMX	13:33	23.15	PVC	30.84	7.69
MW-08	5/22/2003	shallow	PMX	13:12	23.70	PVC	31.38	7.68
MW-09	5/22/2003	shallow	PMX	14:17	25.62	PVC	33.32	7.70
MW-10	5/22/2003	shallow	PMX	13:56	25.16	PVC	32.84	7.68
MW-11	5/22/2003	shallow	PMX	11:09	17.21	PVC	24.96	7.75
MW-12	5/22/2003	shallow	PMX	10:53	24.02	PVC	32.07	8.05
MW-15	5/22/2003	shallow	PMX	11:54	23.09	PVC	30.68	7.59
MW-16	5/22/2003	shallow	PMX	14:09	29.54	PVC	37.21	7.67
MW-17	5/22/2003	shallow	PMX	12:57	21.70	PVC	29.34	7.64
MW-18	5/22/2003	shallow	PMX	12:06	24.05	PVC	31.65	7.60
MW-20	5/22/2003	shallow	PMX	14:31	48.40	PVC	56.04	7.64
MW-23	5/22/2003	shallow	PMX	12:38	38.23	PVC	45.85	7.62
MW-24	5/22/2003	shallow	PMX	15:07	52.71	PVC	60.47	7.76
MW-25	5/22/2003	shallow	PMX	12:25	72.24	PVC	79.91	7.67
P-01	5/22/2003	shallow	PMX	10:43	21.26	PVC	29.79	8.53
P-02	5/22/2003	shallow	PMX	10:17	24.34	PVC	32.57	8.23
P-03	5/22/2003	shallow	PMX	10:37	22.25	PVC	29.95	7.70
P-04	5/22/2003	shallow	PMX	10:21	21.27	PVC	28.78	7.51
SG-MW-01	5/22/2003	shallow	PMX	10:49	24.61	PVC	32.37	7.76
SG-MW-03	5/22/2003	shallow	PMX	10:59	20.03	PVC	27.77	7.74
MW-04i	5/22/2003	intermediate	PMX	11:34	20.87	PVC	28.48	7.61
MW-05i	5/22/2003	intermediate	PMX	11:20	20.35	PVC	28.16	7.81
MW-07i	5/22/2003	intermediate	PMX	13:37	24.72	PVC	32.42	7.70
MW-08i	5/22/2003	intermediate	PMX	13:13	23.68	PVC	31.42	7.74
MW-15i	5/22/2003	intermediate	PMX	11:57	23.26	PVC	30.89	7.63
MW-18i	5/22/2003	intermediate	PMX	12:01	24.19	PVC	31.84	7.65
MW-19i	5/22/2003	intermediate	PMX	10:28	26.44	PVC	34.02	7.58
MW-24i	5/22/2003	intermediate	PMX	15:09	52.86	PVC	60.59	7.73
MW-26i	5/22/2003	intermediate	PMX	15:20	74.24	PVC	82.04	7.80
MW-28i	5/22/2003	intermediate	PMX	11:50	23.25	PVC	30.90	7.65
MW-29i	5/22/2003	intermediate	PMX	10:14	23.07	PVC	30.73	7.66
MW-30i	5/22/2003	intermediate	PMX	10:08	21.92	PVC	29.61	7.69
MW-31i	5/22/2003	intermediate	PMX	10:02	23.76	PVC	31.45	7.69
MW-01d	5/22/2003	deep	PMX	9:55	18.82	PVC	26.42	7.60
MW-02d	5/22/2003	deep	PMX	13:25	22.43	PVC	30.19	7.76
MW-04d	5/22/2003	deep	PMX	11:38	18.93	PVC	26.66	7.73
MW-05d	5/22/2003	deep	PMX	11:22	20.30	PVC	27.97	7.67
MW-12d	5/22/2003	deep	PMX	10:55	24.46	PVC	32.32	7.86
MW-13d	5/22/2003	deep	PMX	9:44	27.81	PVC	35.24	7.43

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-14d	5/22/2003	deep	PMX	11:04	18.68	PVC	26.37	7.69
MW-16d	5/22/2003	deep	PMX	14:10	28.66	PVC	36.40	7.74
MW-17d	5/22/2003	deep	PMX	12:58	21.87	PVC	29.56	7.69
MW-21	5/29/2003	shallow	PMX	12:05	30.75	PVC	39.87	9.12
Third Quarter 2003								
MW-01	8/3/2003	shallow	PMX	10:00	21.73	PVC	26.29	4.56
MW-03	8/3/2003	shallow	PMX	10:15	22.08	PVC	26.64	4.56
MW-04	8/3/2003	shallow	PMX	9:55	22.03	PVC	26.57	4.54
MW-05	8/3/2003	shallow	PMX	10:13	26.09	PVC	30.64	4.55
MW-07	8/3/2003	shallow	PMX	10:55	26.29	PVC	30.84	4.55
MW-08	8/3/2003	shallow	PMX	10:47	26.81	PVC	31.38	4.57
MW-09	8/3/2003	shallow	PMX	11:46	28.75	PVC	33.32	4.57
MW-10	8/3/2003	shallow	PMX	11:42	28.31	PVC	32.84	4.53
MW-11	8/3/2003	shallow	PMX	9:49	20.40	PVC	24.96	4.56
MW-12	8/3/2003	shallow	PMX	9:34	27.19	PVC	32.07	4.88
MW-15	8/3/2003	shallow	PMX	11:04	26.20	PVC	30.68	4.48
MW-16	8/3/2003	shallow	PMX	11:11	33.65	PVC	37.21	3.56
MW-17	8/3/2003	shallow	PMX	11:35	24.82	PVC	29.34	4.52
MW-18	8/3/2003	shallow	PMX	11:19	27.16	PVC	31.65	4.49
MW-20	8/3/2003	shallow	PMX	11:21	51.50	PVC	56.04	4.54
MW-21	8/3/2003	shallow	PMX	11:26	35.31	PVC	39.87	4.56
MW-23	8/3/2003	shallow	PMX	11:15	41.35	PVC	45.85	4.50
MW-24	8/3/2003	shallow	PMX	11:31	55.82	PVC	60.47	4.65
MW-25	8/3/2003	shallow	PMX	11:41	75.29	PVC	79.91	4.62
MW-E	8/3/2003	shallow	PMX	9:52	26.10	PVC	30.66	4.56
MW-F	8/3/2003	shallow	PMX	9:37	29.03	PVC	33.61	4.58
MW-G	8/3/2003	shallow	PMX	9:41	27.07	PVC	31.73	4.66
P-01	8/3/2003	shallow	PMX	10:06	23.45	PVC	29.79	6.34
P-02	8/3/2003	shallow	PMX	10:16	26.48	PVC	32.57	6.09
P-03	8/3/2003	shallow	PMX	10:09	25.39	PVC	29.95	4.56
P-04	8/3/2003	shallow	PMX	10:19	24.24	PVC	28.78	4.54
SG-MW-01	8/3/2003	shallow	PMX	9:30	27.85	PVC	32.37	4.52
SG-MW-03	8/3/2003	shallow	PMX	9:40	23.24	PVC	27.77	4.53
ST-MW-07	8/3/2003	shallow	PMX	9:26	28.01	PVC	33.74	5.73
ST-MW-08	8/3/2003	shallow	PMX	9:19	28.04	PVC	33.98	5.94
ST-MW-09	8/3/2003	shallow	PMX	9:16	28.01	PVC	33.87	5.86
ST-MW-10	8/3/2003	shallow	PMX	9:13	27.40	PVC	34.83	7.43
ST-MW-16	8/3/2003	shallow	PMX	9:22	28.44	PVC	32.96	4.52
DMW-01	8/3/2003	intermediate	PMX	10:55	32.24	PVC	36.79	4.55
DMW-03	8/3/2003	intermediate	PMX	11:27	28.12	PVC	32.61	4.49
DMW-04	8/3/2003	intermediate	PMX	11:10	26.35	PVC	30.84	4.49

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-04i	8/3/2003	intermediate	PMX	10:23	23.99	PVC	28.48	4.49
MW-05i	8/3/2003	intermediate	PMX	10:13	23.49	PVC	28.16	4.67
MW-07i	8/3/2003	intermediate	PMX	10:57	27.85	PVC	32.42	4.57
MW-08i	8/3/2003	intermediate	PMX	10:48	26.80	PVC	31.42	4.62
MW-15i	8/3/2003	intermediate	PMX	11:07	26.39	PVC	30.89	4.50
MW-18i	8/3/2003	intermediate	PMX	11:21	27.33	PVC	31.84	4.51
MW-19i	8/3/2003	intermediate	PMX	10:36	29.70	PVC	34.02	4.32
MW-24i	8/3/2003	intermediate	PMX	11:30	55.99	PVC	60.59	4.60
MW-26i	8/3/2003	intermediate	PMX	11:37	77.30	PVC	82.04	4.74
MW-29i	8/3/2003	intermediate	PMX	10:11	26.13	PVC	30.73	4.60
MW-30i	8/3/2003	intermediate	PMX	9:44	25.12	PVC	29.61	4.49
MW-31i	8/3/2003	intermediate	PMX	9:50	26.94	PVC	31.45	4.51
MW-01d	8/3/2003	deep	PMX	10:02	21.90	PVC	26.42	4.52
MW-02d	8/3/2003	deep	PMX	10:53	25.54	PVC	30.19	4.65
MW-04d	8/3/2003	deep	PMX	10:33	22.02	PVC	26.66	4.64
MW-05d	8/3/2003	deep	PMX	10:14	23.44	PVC	27.97	4.53
MW-12d	8/3/2003	deep	PMX	9:36	27.69	PVC	32.32	4.63
MW-13d	8/3/2003	deep	PMX	9:07	31.09	PVC	35.24	4.15
MW-14d	8/3/2003	deep	PMX	9:44	21.90	PVC	26.37	4.47
MW-16d	8/3/2003	deep	PMX	11:13	31.76	PVC	36.40	4.64
MW-17d	8/3/2003	deep	PMX	11:37	25.00	PVC	29.56	4.56
Fourth Quarter 2003								
Emerald-01	11/10/2003	shallow	PMX	13:03	44.60	PVC	62.40	17.80
FVP2-MW-09	11/10/2003	shallow	PMX	13:55	25.55	PVC	33.00	7.45
MW-01	11/10/2003	shallow	PMX	11:20	21.66	PVC	26.29	4.63
MW-02	11/10/2003	shallow	PMX	11:38	25.43	PVC	30.09	4.66
MW-03	11/10/2003	shallow	PMX	11:13	21.99	PVC	26.64	4.65
MW-04	11/10/2003	shallow	PMX	11:06	21.88	PVC	26.57	4.69
MW-05	11/10/2003	shallow	PMX	11:09	25.98	PVC	30.64	4.66
MW-06	11/10/2003	shallow	PMX	11:45	24.64	PVC	29.29	4.65
MW-07	11/10/2003	shallow	PMX	11:53	26.21	PVC	30.84	4.63
MW-08	11/10/2003	shallow	PMX	11:31	26.70	PVC	31.38	4.68
MW-09	11/10/2003	shallow	PMX	11:19	28.63	PVC	33.32	4.69
MW-10	11/10/2003	shallow	PMX	11:14	28.17	PVC	32.84	4.67
MW-11	11/10/2003	shallow	PMX	10:57	20.28	PVC	24.96	4.68
MW-12	11/10/2003	shallow	PMX	10:43	27.36	PVC	32.07	4.71
MW-15	11/10/2003	shallow	PMX	10:28	26.11	PVC	30.68	4.57
MW-16	11/10/2003	shallow	PMX	11:59	32.60	PVC	37.21	4.61
MW-17	11/10/2003	shallow	PMX	11:05	24.71	PVC	29.34	4.63
MW-18	11/10/2003	shallow	PMX	10:35	27.05	PVC	31.65	4.60
MW-20	11/10/2003	shallow	PMX	12:35	51.48	PVC	56.04	4.56

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-21	11/10/2003	shallow	PMX	12:29	35.30	PVC	39.87	4.57
MW-23	11/10/2003	shallow	PMX	10:43	41.24	PVC	45.85	4.61
MW-24	11/10/2003	shallow	PMX	12:42	55.85	PVC	60.47	4.62
MW-25	11/10/2003	shallow	PMX	12:56	75.32	PVC	79.91	4.59
MW-E	11/10/2003	shallow	PMX	11:38	25.49	PVC	30.66	5.17
MW-F	11/10/2003	shallow	PMX	11:48	28.82	PVC	33.61	4.79
MW-G	11/10/2003	shallow	PMX	11:43	27.01	PVC	31.73	4.72
P-01	11/10/2003	shallow	PMX	12:08	24.82	PVC	29.79	4.97
P-02	11/10/2003	shallow	PMX	12:15	27.58	PVC	32.57	4.99
P-03	11/10/2003	shallow	PMX	12:03	25.47	PVC	29.95	4.48
SG-MW-01	11/10/2003	shallow	PMX	10:34	27.68	PVC	32.37	4.69
SG-MW-03	11/10/2003	shallow	PMX	10:49	23.18	PVC	27.77	4.59
ST-MW-05	11/10/2003	shallow	PMX	14:42	28.60	PVC	33.51	4.91
ST-MW-07	11/10/2003	shallow	PMX	14:48	28.64	PVC	33.74	5.10
ST-MW-08	11/10/2003	shallow	PMX	14:59	28.61	PVC	33.98	5.37
ST-MW-09	11/10/2003	shallow	PMX	14:51	28.80	PVC	33.87	5.07
ST-MW-10	11/10/2003	shallow	PMX	14:55	27.59	PVC	34.83	7.24
ST-MW-16	11/10/2003	shallow	PMX	14:38	28.81	PVC	32.96	4.15
DMW-01	11/10/2003	intermediate	PMX	9:38	32.05	PVC	36.79	4.74
DMW-03	11/10/2003	intermediate	PMX	10:09	27.94	PVC	32.61	4.67
DMW-04	11/10/2003	intermediate	PMX	10:21	26.23	PVC	30.84	4.61
FVP2-MW-12B	11/10/2003	intermediate	PMX	14:10	26.53	PVC	32.45	5.92
FVP2-MW-13B	11/10/2003	intermediate	PMX	14:02	26.95	PVC	32.38	5.43
MW-04i	11/10/2003	intermediate	PMX	12:22	23.97	PVC	28.48	4.51
MW-05i	11/10/2003	intermediate	PMX	11:11	23.39	PVC	28.16	4.77
MW-07i	11/10/2003	intermediate	PMX	11:49	27.79	PVC	32.42	4.63
MW-08i	11/10/2003	intermediate	PMX	11:36	26.75	PVC	31.42	4.67
MW-15i	11/10/2003	intermediate	PMX	10:25	26.31	PVC	30.89	4.58
MW-18i	11/10/2003	intermediate	PMX	10:37	27.20	PVC	31.84	4.64
MW-19i	11/10/2003	intermediate	PMX	12:35	29.55	PVC	34.02	4.47
MW-24i	11/10/2003	intermediate	PMX	12:45	55.97	PVC	60.59	4.62
MW-26i	11/10/2003	intermediate	PMX	12:53	77.41	PVC	82.04	4.63
MW-28i	11/10/2003	intermediate	PMX	10:55	26.27	PVC	30.90	4.63
MW-29i	11/10/2003	intermediate	PMX	12:21	26.38	PVC	30.73	4.35
MW-30i	11/10/2003	intermediate	PMX	14:35	25.14	PVC	29.61	4.47
MW-31i	11/10/2003	intermediate	PMX	14:42	26.87	PVC	31.45	4.58
MW-01d	11/10/2003	deep	PMX	11:23	21.98	PVC	26.42	4.44
MW-02d	11/10/2003	deep	PMX	11:40	25.58	PVC	30.19	4.61
MW-04d	11/10/2003	deep	PMX	12:18	22.03	PVC	26.66	4.63
MW-05d	11/10/2003	deep	PMX	11:10	23.44	PVC	27.97	4.53
MW-12d	11/10/2003	deep	PMX	10:44	27.53	PVC	32.32	4.79

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-13d	11/10/2003	deep	PMX	10:20	30.74	PVC	35.24	4.50
MW-14d	11/10/2003	deep	PMX	10:52	21.79	PVC	26.37	4.58
MW-16d	11/10/2003	deep	PMX	12:00	31.75	PVC	36.40	4.65
MW-17d	11/10/2003	deep	PMX	11:07	24.90	PVC	29.56	4.66
First Quarter 2004								
ASI-01	1/26/2004	shallow	PMX	11:17	19.95	PVC	25.32	5.37
Emerald-01	1/26/2004	shallow	PMX	13:17	41.53	PVC	62.40	20.87
FVP2-MW-09	1/26/2004	shallow	PMX	12:36	23.07	PVC	33.00	9.93
MW-01	1/26/2004	shallow	PMX	10:43	18.43	PVC	26.29	7.86
MW-02	1/26/2004	shallow	PMX	11:59	22.33	PVC	30.09	7.76
MW-03	1/26/2004	shallow	PMX	10:47	18.88	PVC	26.64	7.76
MW-04	1/26/2004	shallow	PMX	10:34	18.72	PVC	26.57	7.85
MW-05	1/26/2004	shallow	PMX	10:57	22.88	PVC	30.64	7.76
MW-06	1/26/2004	shallow	PMX	12:07	21.53	PVC	29.29	7.76
MW-07	1/26/2004	shallow	PMX	12:15	23.13	PVC	30.84	7.71
MW-08	1/26/2004	shallow	PMX	11:54	23.63	PVC	31.38	7.75
MW-09	1/26/2004	shallow	PMX	10:36	25.59	PVC	33.32	7.73
MW-11	1/26/2004	shallow	PMX	10:30	17.13	PVC	24.96	7.83
MW-12	1/26/2004	shallow	PMX	10:00	24.19	PVC	32.07	7.88
MW-15	1/26/2004	shallow	PMX	10:04	22.98	PVC	30.68	7.70
MW-16	1/26/2004	shallow	PMX	12:22	29.53	PVC	37.21	7.68
MW-17	1/26/2004	shallow	PMX	10:21	21.63	PVC	29.34	7.71
MW-18	1/26/2004	shallow	PMX	9:35	23.98	PVC	31.65	7.67
MW-20	1/26/2004	shallow	PMX	12:32	48.40	PVC	56.04	7.64
MW-21	1/26/2004	shallow	PMX	12:38	32.22	PVC	39.87	7.65
MW-23	1/26/2004	shallow	PMX	9:56	38.22	PVC	45.85	7.63
MW-24	1/26/2004	shallow	PMX	12:52	52.75	PVC	60.47	7.72
MW-25	1/26/2004	shallow	PMX	13:05	72.30	PVC	79.91	7.61
MW-E	1/26/2004	shallow	PMX	10:54	22.15	PVC	30.66	8.51
MW-F	1/26/2004	shallow	PMX	11:06	25.53	PVC	33.61	8.08
MW-G	1/26/2004	shallow	PMX	10:58	23.65	PVC	31.73	8.08
P-01	1/26/2004	shallow	PMX	11:50	22.16	PVC	29.79	7.63
P-02	1/26/2004	shallow	PMX	11:56	25.17	PVC	32.57	7.40
P-03	1/26/2004	shallow	PMX	11:41	22.05	PVC	29.95	7.90
P-04	1/26/2004	shallow	PMX	12:02	21.15	PVC	28.78	7.63
Plant-01	1/26/2004	shallow	PMX	11:30	19.25	Access Hole	27.12	7.87
SG-MW-01	1/26/2004	shallow	PMX	9:58	24.53	PVC	32.37	7.84
SG-MW-03	1/26/2004	shallow	PMX	10:20	19.93	PVC	27.77	7.84
ST-MW-07	1/26/2004	shallow	PMX	11:14	25.83	PVC	33.74	7.91
ST-MW-08	1/26/2004	shallow	PMX	11:22	26.04	PVC	33.98	7.94
ST-MW-09	1/26/2004	shallow	PMX	11:07	25.95	PVC	33.87	7.92

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
ST-MW-10	1/26/2004	shallow	PMX	11:19	25.16	PVC	34.83	9.67
ST-MW-15	1/26/2004	shallow	PMX	11:33	31.26	PVC	32.30	1.04
ST-MW-16	1/26/2004	shallow	PMX	11:27	25.46	PVC	32.96	7.50
DMW-01	1/26/2004	intermediate	PMX	9:19	29.05	PVC	36.79	7.74
DMW-03	1/26/2004	intermediate	PMX	9:45	24.92	PVC	32.61	7.69
DMW-04	1/26/2004	intermediate	PMX	10:09	23.15	PVC	30.84	7.69
FVP2-MW-12B	1/26/2004	intermediate	PMX	12:24	23.28	PVC	32.45	9.17
FVP2-MW-13B	1/26/2004	intermediate	PMX	12:30	23.65	PVC	32.38	8.73
MW-04i	1/26/2004	intermediate	PMX	11:23	20.79	PVC	28.48	7.69
MW-05i	1/26/2004	intermediate	PMX	11:00	20.28	PVC	28.16	7.88
MW-07i	1/26/2004	intermediate	PMX	12:11	24.70	PVC	32.42	7.72
MW-08i	1/26/2004	intermediate	PMX	11:50	23.69	PVC	31.42	7.73
MW-15i	1/26/2004	intermediate	PMX	10:05	23.17	PVC	30.89	7.72
MW-18i	1/26/2004	intermediate	PMX	9:38	24.13	PVC	31.84	7.71
MW-19i	1/26/2004	intermediate	PMX	12:17	26.31	PVC	34.02	7.71
MW-24i	1/26/2004	intermediate	PMX	12:48	52.89	PVC	60.59	7.70
MW-26i	1/26/2004	intermediate	PMX	13:01	74.37	PVC	82.04	7.67
MW-28i	1/26/2004	intermediate	PMX	11:43	23.19	PVC	30.90	7.71
MW-29i	1/26/2004	intermediate	PMX	12:09	22.97	PVC	30.73	7.76
MW-30i	1/26/2004	intermediate	PMX	10:57	21.72	PVC	29.61	7.89
MW-31i	1/26/2004	intermediate	PMX	10:47	23.45	PVC	31.45	8.00
MW-01d	1/26/2004	deep	PMX	10:40	18.63	PVC	26.42	7.79
MW-02d	1/26/2004	deep	PMX	12:03	22.51	PVC	30.19	7.68
MW-04d	1/26/2004	deep	PMX	11:27	18.93	PVC	26.66	7.73
MW-05d	1/26/2004	deep	PMX	11:02	20.22	PVC	27.97	7.75
MW-12d	1/26/2004	deep	PMX	10:12	24.31	PVC	32.32	8.01
MW-13d	1/26/2004	deep	PMX	9:55	27.62	PVC	35.24	7.62
MW-14d	1/26/2004	deep	PMX	10:25	18.56	PVC	26.37	7.81
MW-16d	1/26/2004	deep	PMX	12:23	28.65	PVC	36.40	7.75
MW-17d	1/26/2004	deep	PMX	10:22	21.83	PVC	29.56	7.73
Second Quarter 2004								
ASI-01	5/3/2004	shallow	PMX	10:20	21.77	PVC	25.32	3.55
FVP2-MW-09	5/3/2004	shallow	PMX	9:32	24.55	PVC	33.00	8.45
MW-01	5/3/2004	shallow	PMX	10:01	20.28	PVC	26.29	6.01
MW-02	5/3/2004	shallow	PMX	10:58	24.15	PVC	30.09	5.94
MW-03	5/3/2004	shallow	PMX	10:04	20.68	PVC	26.64	5.96
MW-04	5/3/2004	shallow	PMX	9:50	20.58	PVC	26.57	5.99
MW-05	5/3/2004	shallow	PMX	10:07	24.66	PVC	30.64	5.98
MW-06	5/3/2004	shallow	PMX	11:07	23.36	PVC	29.29	5.93
MW-07	5/3/2004	shallow	PMX	11:16	24.95	PVC	30.84	5.89
MW-08	5/3/2004	shallow	PMX	10:50	25.45	PVC	31.38	5.93

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-09	5/3/2004	shallow	PMX	11:39	27.44	PVC	33.32	5.88
MW-10	5/3/2004	shallow	PMX	11:23	26.98	PVC	32.84	5.86
MW-11	5/3/2004	shallow	PMX	9:48	18.91	PVC	24.96	6.05
MW-12	5/3/2004	shallow	PMX	9:38	25.96	PVC	32.07	6.11
MW-15	5/3/2004	shallow	PMX	8:37	24.78	PVC	30.68	5.90
MW-16	5/3/2004	shallow	PMX	11:27	31.37	PVC	37.21	5.84
MW-17	5/3/2004	shallow	PMX	8:58	23.44	PVC	29.34	5.90
MW-18	5/3/2004	shallow	PMX	8:31	25.77	PVC	31.65	5.88
MW-20	5/3/2004	shallow	PMX	11:45	50.22	PVC	56.04	5.82
MW-21	5/3/2004	shallow	PMX	11:49	34.05	PVC	39.87	5.82
MW-23	5/3/2004	shallow	PMX	8:22	40.01	PVC	45.85	5.84
MW-24	5/3/2004	shallow	PMX	11:57	54.60	PVC	60.47	5.87
MW-25	5/3/2004	shallow	PMX	12:05	74.16	PVC	79.91	5.75
MW-E	5/3/2004	shallow	PMX	10:31	24.03	PVC	30.66	6.63
MW-F	5/3/2004	shallow	PMX	10:12	27.42	PVC	33.61	6.19
MW-G	5/3/2004	shallow	PMX	10:18	25.48	PVC	31.73	6.25
P-01	5/3/2004	shallow	PMX	10:00	23.21	PVC	29.79	6.58
P-02	5/3/2004	shallow	PMX	9:55	26.04	PVC	32.57	6.53
P-03	5/3/2004	shallow	PMX	10:06	23.71	PVC	29.95	6.24
P-04	5/3/2004	shallow	PMX	9:42	22.75	PVC	28.78	6.03
Plant-01	5/3/2004	shallow	PMX	10:37	21.10	Access Hole	27.12	6.02
SG-MW-01	5/3/2004	shallow	PMX	9:34	26.29	PVC	32.37	6.08
SG-MW-03	5/3/2004	shallow	PMX	9:42	21.72	PVC	27.77	6.05
ST-MW-05	5/3/2004	shallow	PMX	11:09	27.26	PVC	33.51	6.25
ST-MW-07	5/3/2004	shallow	PMX	10:57	27.38	PVC	33.74	6.36
ST-MW-08	5/3/2004	shallow	PMX	10:51	27.23	PVC	33.98	6.75
ST-MW-09	5/3/2004	shallow	PMX	11:00	27.46	PVC	33.87	6.41
ST-MW-10	5/3/2004	shallow	PMX	10:48	26.08	PVC	34.83	8.75
ST-MW-15	5/3/2004	shallow	PMX	10:38	32.49	PVC	32.30	-0.19
ST-MW-16	5/3/2004	shallow	PMX	10:44	27.31	PVC	32.96	5.65
DMW-01	5/3/2004	intermediate	PMX	8:10	30.85	PVC	36.79	5.94
DMW-03	5/3/2004	intermediate	PMX	8:17	26.72	PVC	32.61	5.89
DMW-04	5/3/2004	intermediate	PMX	8:42	24.92	PVC	30.84	5.92
FVP2-MW-13B	5/3/2004	intermediate	PMX	9:24	25.40	PVC	32.38	6.98
MW-04i	5/3/2004	intermediate	PMX	10:28	22.59	PVC	28.48	5.89
MW-05i	5/3/2004	intermediate	PMX	10:09	22.06	PVC	28.16	6.10
MW-07i	5/3/2004	intermediate	PMX	11:13	26.53	PVC	32.42	5.89
MW-08i	5/3/2004	intermediate	PMX	10:52	25.51	PVC	31.42	5.91
MW-15i	5/3/2004	intermediate	PMX	8:39	24.98	PVC	30.89	5.91
MW-18i	5/3/2004	intermediate	PMX	8:28	25.95	PVC	31.84	5.89
MW-19i	5/3/2004	intermediate	PMX	9:17	28.21	PVC	34.02	5.81

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-24i	5/3/2004	intermediate	PMX	11:55	54.72	PVC	60.59	5.87
MW-26i	5/3/2004	intermediate	PMX	12:02	76.13	PVC	82.04	5.91
MW-28i	5/3/2004	intermediate	PMX	8:51	24.98	PVC	30.90	5.92
MW-29i	5/3/2004	intermediate	PMX	9:48	24.65	PVC	30.73	6.08
MW-30i	5/3/2004	intermediate	PMX	10:23	23.55	PVC	29.61	6.06
MW-31i	5/3/2004	intermediate	PMX	10:28	25.32	PVC	31.45	6.13
MW-01d	5/3/2004	deep	PMX	9:59	20.42	PVC	26.42	6.00
MW-02d	5/3/2004	deep	PMX	10:55	24.31	PVC	30.19	5.88
MW-04d	5/3/2004	deep	PMX	10:31	20.71	PVC	26.66	5.95
MW-05d	5/3/2004	deep	PMX	10:12	21.99	PVC	27.97	5.98
MW-12d	5/3/2004	deep	PMX	9:36	26.10	PVC	32.32	6.22
MW-13d	5/3/2004	deep	PMX	9:25	29.34	PVC	35.24	5.90
MW-14d	5/3/2004	deep	PMX	9:45	21.34	PVC	26.37	5.03
MW-16d	5/3/2004	deep	PMX	11:28	30.51	PVC	36.40	5.89
MW-17d	5/3/2004	deep	PMX	9:00	23.70	PVC	29.56	5.86
Third Quarter 2004								
ASI-01	8/16/2004	shallow	PMX	11:15	23.41	PVC	25.32	1.91
Emerald-01	8/16/2004	shallow	PMX	12:23	45.00	PVC	62.40	17.40
MW-01	8/16/2004	shallow	PMX	10:13	21.88	PVC	26.29	4.41
MW-02	8/16/2004	shallow	PMX	10:30	25.75	PVC	30.09	4.34
MW-05	8/16/2004	shallow	PMX	10:10	26.26	PVC	30.64	4.38
MW-06	8/16/2004	shallow	PMX	10:34	24.95	PVC	29.29	4.34
MW-07	8/16/2004	shallow	PMX	10:45	26.57	PVC	30.84	4.27
MW-08	8/16/2004	shallow	PMX	10:24	27.09	PVC	31.38	4.29
MW-09	8/16/2004	shallow	PMX	11:51	29.09	PVC	33.32	4.23
MW-10	8/16/2004	shallow	PMX	11:40	28.60	PVC	32.84	4.24
MW-12	8/16/2004	shallow	PMX	9:38	27.52	PVC	32.07	4.55
MW-15	8/16/2004	shallow	PMX	11:19	26.55	PVC	30.68	4.13
MW-16	8/16/2004	shallow	PMX	10:48	32.99	PVC	37.21	4.22
MW-17	8/16/2004	shallow	PMX	11:43	25.19	PVC	29.34	4.15
MW-18	8/16/2004	shallow	PMX	11:12	27.50	PVC	31.65	4.15
MW-20	8/16/2004	shallow	PMX	11:56	51.87	PVC	56.04	4.17
MW-21	8/16/2004	shallow	PMX	11:52	35.69	PVC	39.87	4.18
MW-23	8/16/2004	shallow	PMX	11:44	41.70	PVC	45.85	4.15
MW-24	8/16/2004	shallow	PMX	12:00	56.24	PVC	60.47	4.23
MW-25	8/16/2004	shallow	PMX	12:13	75.78	PVC	79.91	4.13
MW-E	8/16/2004	shallow	PMX	10:27	26.15	PVC	30.66	4.51
MW-F	8/16/2004	shallow	PMX	10:15	28.84	PVC	33.61	4.77
MW-G	8/16/2004	shallow	PMX	10:18	27.08	PVC	31.73	4.65
P-01	8/16/2004	shallow	PMX	10:34	24.15	PVC	29.79	5.64
P-03	8/16/2004	shallow	PMX	10:37	25.50	PVC	29.95	4.45

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
P-04	8/16/2004	shallow	PMX	10:44	24.49	PVC	28.78	4.29
Plant-01	8/16/2004	shallow	PMX	11:38	22.79	Access Hole	27.12	4.33
SG-MW-01	8/16/2004	shallow	PMX	9:33	27.85	PVC	32.37	4.52
SG-MW-03	8/16/2004	shallow	PMX	9:50	23.28	PVC	27.77	4.49
ST-MW-05	8/16/2004	shallow	PMX	10:08	28.67	PVC	33.51	4.84
ST-MW-07	8/16/2004	shallow	PMX	9:56	28.58	PVC	33.74	5.16
ST-MW-08	8/16/2004	shallow	PMX	9:54	28.40	PVC	33.98	5.58
ST-MW-09	8/16/2004	shallow	PMX	9:51	28.63	PVC	33.87	5.24
ST-MW-10	8/16/2004	shallow	PMX	9:47	27.78	PVC	34.83	7.05
ST-MW-15	8/16/2004	shallow	PMX	10:05	33.53	PVC	39.03	5.50
ST-MW-16	8/16/2004	shallow	PMX	10:01	28.34	PVC	32.96	4.62
DMW-01	8/16/2004	intermediate	PMX	11:06	32.57	PVC	36.79	4.22
DMW-03	8/16/2004	intermediate	PMX	11:15	28.48	PVC	32.61	4.13
DMW-04	8/16/2004	intermediate	PMX	11:24	26.72	PVC	30.84	4.12
FVP2-MW-13B	8/16/2004	intermediate	PMX	10:50	27.16	PVC	32.38	5.22
MW-04i	8/16/2004	intermediate	PMX	11:05	24.21	PVC	28.48	4.27
MW-05i	8/16/2004	intermediate	PMX	10:07	23.66	PVC	28.16	4.50
MW-07i	8/16/2004	intermediate	PMX	10:43	28.15	PVC	32.42	4.27
MW-08i	8/16/2004	intermediate	PMX	10:20	27.14	PVC	31.42	4.28
MW-15i	8/16/2004	intermediate	PMX	11:20	26.78	PVC	30.89	4.11
MW-18i	8/16/2004	intermediate	PMX	11:10	27.69	PVC	31.84	4.15
MW-19i	8/16/2004	intermediate	PMX	10:55	29.88	PVC	34.02	4.14
MW-24i	8/16/2004	intermediate	PMX	12:04	56.35	PVC	60.59	4.24
MW-26i	8/16/2004	intermediate	PMX	12:08	77.77	PVC	82.04	4.27
MW-28i	8/16/2004	intermediate	PMX	11:34	23.70	PVC	30.90	7.20
MW-29i	8/16/2004	intermediate	PMX	10:41	26.39	PVC	30.73	4.34
MW-30i	8/16/2004	intermediate	PMX	10:21	25.15	PVC	29.61	4.46
MW-31i	8/16/2004	intermediate	PMX	10:24	26.92	PVC	31.45	4.53
MW-32i	8/16/2004	intermediate	PMX	10:31	29.81	PVC	34.20	4.39
MW-01d	8/16/2004	deep	PMX	10:16	22.02	PVC	26.42	4.40
MW-02d	8/16/2004	deep	PMX	10:27	25.79	PVC	30.19	4.40
MW-04d	8/16/2004	deep	PMX	11:09	22.31	PVC	26.66	4.35
MW-05d	8/16/2004	deep	PMX	10:05	23.61	PVC	27.97	4.36
MW-12d	8/16/2004	deep	PMX	9:36	27.71	PVC	32.32	4.61
MW-13d	8/16/2004	deep	PMX	9:26	30.88	PVC	35.24	4.36
MW-14d	8/16/2004	deep	PMX	10:00	21.92	PVC	26.37	4.45
MW-16d	8/16/2004	deep	PMX	10:55	32.14	PVC	36.40	4.26
MW-17d	8/16/2004	deep	PMX	11:46	25.36	PVC	29.56	4.20
Fourth Quarter 2004								
ASI-01	11/15/2004	shallow	PMX	12:22	22.29	PVC	25.32	3.03
Emerald-01	11/15/2004	shallow	PMX	14:30	43.86	PVC	62.40	18.54

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-01	11/15/2004	shallow	PMX	12:04	20.79	PVC	26.29	5.50
MW-03	11/15/2004	shallow	PMX	11:43	21.16	PVC	26.64	5.48
MW-04	11/15/2004	shallow	PMX	11:39	21.07	PVC	26.57	5.50
MW-05	11/15/2004	shallow	PMX	11:50	25.17	PVC	30.64	5.47
MW-06	11/15/2004	shallow	PMX	11:11	23.87	PVC	29.29	5.42
MW-07	11/15/2004	shallow	PMX	13:30	25.46	PVC	30.84	5.38
MW-08	11/15/2004	shallow	PMX	13:03	25.96	PVC	31.38	5.42
MW-09	11/15/2004	shallow	PMX	12:50	27.90	PVC	33.32	5.42
MW-10	11/15/2004	shallow	PMX	12:45	27.44	PVC	32.84	5.40
MW-11	11/15/2004	shallow	PMX	11:35	19.43	PVC	24.96	5.53
MW-12	11/15/2004	shallow	PMX	11:17	26.64	PVC	32.07	5.43
MW-15	11/15/2004	shallow	PMX	11:54	25.32	PVC	30.68	5.36
MW-16	11/15/2004	shallow	PMX	13:34	31.87	PVC	37.21	5.34
MW-17	11/15/2004	shallow	PMX	12:38	23.98	PVC	29.34	5.36
MW-18	11/15/2004	shallow	PMX	11:31	26.28	PVC	31.65	5.37
MW-19s	11/15/2004	shallow	PMX	13:04	28.02	PVC	33.26	5.24
MW-20	11/15/2004	shallow	PMX	13:56	50.75	PVC	56.04	5.29
MW-21	11/15/2004	shallow	PMX	13:50	34.57	PVC	39.87	5.30
MW-23	11/15/2004	shallow	PMX	14:40	40.60	PVC	45.85	5.25
MW-24	11/15/2004	shallow	PMX	14:00	55.07	PVC	60.47	5.40
MW-25	11/15/2004	shallow	PMX	14:20	74.65	PVC	79.91	5.26
MW-28s	11/15/2004	shallow	PMX	12:47	23.71	PVC	29.08	5.37
MW-32s	11/15/2004	shallow	PMX	14:19	28.51	PVC	34.23	5.72
MW-33s	11/15/2004	shallow	PMX	8:28	25.91	PVC	31.57	5.66
MW-35s	11/15/2004	shallow	PMX	11:40	28.96	PVC	34.31	5.35
MW-36s	11/15/2004	shallow	PMX	12:05	29.24	PVC	34.64	5.40
MW-37s	11/15/2004	shallow	PMX	11:18	29.37	PVC	34.79	5.42
MW-39s	11/15/2004	shallow	PMX	13:24	27.26	PVC	33.26	6.00
MW-E	11/15/2004	shallow	PMX	14:27	25.29	PVC	30.66	5.37
MW-F	11/15/2004	shallow	PMX	14:13	28.02	PVC	33.61	5.59
MW-G	11/15/2004	shallow	PMX	14:06	26.23	PVC	31.73	5.50
P-02	11/15/2004	shallow	PMX	13:45	27.07	PVC	32.57	5.50
P-03	11/15/2004	shallow	PMX	13:58	24.62	PVC	29.95	5.33
Plant-01	11/15/2004	shallow	PMX	12:31	21.61	Access Hole	27.12	5.51
SG-MW-01	11/15/2004	shallow	PMX	11:10	26.79	PVC	32.37	5.58
SG-MW-03	11/15/2004	shallow	PMX	11:20	22.23	PVC	27.77	5.54
ST-MW-05	11/15/2004	shallow	PMX	15:10	28.14	PVC	33.51	5.37
ST-MW-07	11/15/2004	shallow	PMX	14:58	28.20	PVC	33.74	5.54
ST-MW-08	11/15/2004	shallow	PMX	14:47	28.21	PVC	33.98	5.77
ST-MW-09	11/15/2004	shallow	PMX	15:00	28.35	PVC	33.87	5.52
ST-MW-10	11/15/2004	shallow	PMX	15:05	28.25	PVC	34.83	6.58

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
ST-MW-15	11/15/2004	shallow	PMX	14:38	33.32	PVC	39.03	5.71
ST-MW-16	11/15/2004	shallow	PMX	15:17	27.62	PVC	32.96	5.34
DMW-01	11/15/2004	intermediate	PMX	11:25	31.34	PVC	36.79	5.45
DMW-03	11/15/2004	intermediate	PMX	11:48	27.25	PVC	32.61	5.36
DMW-04	11/15/2004	intermediate	PMX	11:59	25.47	PVC	30.84	5.37
FVP2-MW-12B	11/15/2004	intermediate	PMX	13:14	25.68	PVC	32.45	6.77
FVP2-MW-13B	11/15/2004	intermediate	PMX	13:21	26.07	PVC	32.38	6.31
MW-04i	11/15/2004	intermediate	PMX	12:13	23.09	PVC	28.48	5.39
MW-05i	11/15/2004	intermediate	PMX	11:49	22.57	PVC	28.16	5.59
MW-07i	11/15/2004	intermediate	PMX	13:27	27.04	PVC	32.42	5.38
MW-08i	11/15/2004	intermediate	PMX	13:01	26.04	PVC	31.42	5.38
MW-15i	11/15/2004	intermediate	PMX	11:55	25.52	PVC	30.89	5.37
MW-18i	11/15/2004	intermediate	PMX	11:32	26.46	PVC	31.84	5.38
MW-19i	11/15/2004	intermediate	PMX	13:07	28.75	PVC	34.02	5.27
MW-24i	11/15/2004	intermediate	PMX	14:04	55.27	PVC	60.59	5.32
MW-26i	11/15/2004	intermediate	PMX	14:09	76.70	PVC	82.04	5.34
MW-28i	11/15/2004	intermediate	PMX	12:42	25.54	PVC	30.90	5.36
MW-29i	11/15/2004	intermediate	PMX	13:20	25.43	PVC	30.73	5.30
MW-30i	11/15/2004	intermediate	PMX	14:02	24.26	PVC	29.61	5.35
MW-31i	11/15/2004	intermediate	PMX	14:25	26.05	PVC	31.45	5.40
MW-32i	11/15/2004	intermediate	PMX	14:18	28.94	PVC	34.20	5.26
MW-33i	11/15/2004	intermediate	PMX	8:30	25.75	PVC	31.46	5.71
MW-34i	11/15/2004	intermediate	PMX	12:36	29.69	PVC	35.08	5.39
MW-35i	11/15/2004	intermediate	PMX	11:37	28.91	PVC	34.20	5.29
MW-36i	11/15/2004	intermediate	PMX	12:06	29.45	PVC	34.84	5.39
MW-37i	11/15/2004	intermediate	PMX	11:19	29.21	PVC	34.64	5.43
MW-01d	11/15/2004	deep	PMX	12:02	20.97	PVC	26.42	5.45
MW-04d	11/15/2004	deep	PMX	12:16	21.21	PVC	26.66	5.45
MW-05d	11/15/2004	deep	PMX	11:52	22.58	PVC	27.97	5.39
MW-12d	11/15/2004	deep	PMX	11:15	26.62	PVC	32.32	5.70
MW-13d	11/15/2004	deep	PMX	11:06	29.86	PVC	35.24	5.38
MW-14d	11/15/2004	deep	PMX	11:29	20.68	PVC	26.37	5.69
MW-16d	11/15/2004	deep	PMX	13:36	31.00	PVC	36.40	5.40
MW-17d	11/15/2004	deep	PMX	12:37	24.15	PVC	29.56	5.41
First Quarter 2005								
Emerald-01	2/22/2005	shallow	PMX	13:46	44.06	PVC	62.40	18.34
FVP2-MW-09	2/22/2005	shallow	PMX	14:42	24.22	PVC	33.00	8.78
MW-01	2/22/2005	shallow	PMX	11:16	21.11	PVC	26.29	5.18
MW-02	2/22/2005	shallow	PMX	11:28	24.93	PVC	30.09	5.16
MW-03	2/22/2005	shallow	PMX	11:01	21.47	PVC	26.64	5.17
MW-04	2/22/2005	shallow	PMX	10:59	21.41	PVC	26.57	5.16

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-05	2/22/2005	shallow	PMX	11:09	25.50	PVC	30.64	5.14
MW-06	2/22/2005	shallow	PMX	11:34	24.13	PVC	29.29	5.16
MW-07	2/22/2005	shallow	PMX	11:39	25.66	PVC	30.84	5.18
MW-08	2/22/2005	shallow	PMX	11:22	26.17	PVC	31.38	5.21
MW-09	2/22/2005	shallow	PMX	12:02	28.12	PVC	33.32	5.20
MW-10	2/22/2005	shallow	PMX	11:55	27.69	PVC	32.84	5.15
MW-11	2/22/2005	shallow	PMX	10:56	20.00	PVC	24.96	4.96
MW-12	2/22/2005	shallow	PMX	10:22	26.71	PVC	32.07	5.36
MW-15	2/22/2005	shallow	PMX	13:56	25.89	PVC	30.68	4.79
MW-16	2/22/2005	shallow	PMX	12:07	32.08	PVC	37.21	5.13
MW-17	2/22/2005	shallow	PMX	11:46	24.27	PVC	29.34	5.07
MW-18	2/22/2005	shallow	PMX	14:33	26.74	PVC	31.65	4.91
MW-19s	2/22/2005	shallow	PMX	13:15	28.59	PVC	33.26	4.67
MW-20	2/22/2005	shallow	PMX	12:12	50.91	PVC	56.04	5.13
MW-21	2/22/2005	shallow	PMX	12:17	34.76	PVC	39.87	5.11
MW-23	2/22/2005	shallow	PMX	13:16	40.82	PVC	45.85	5.03
MW-24	2/22/2005	shallow	PMX	13:33	55.27	PVC	60.47	5.20
MW-25	2/22/2005	shallow	PMX	13:24	74.72	PVC	79.91	5.19
MW-28s	2/22/2005	shallow	PMX	13:11	23.97	PVC	29.08	5.11
MW-32s	2/22/2005	shallow	PMX	10:25	28.80	PVC	34.23	5.43
MW-33s	2/22/2005	shallow	PMX	10:28	26.64	PVC	31.57	4.93
MW-35s	2/22/2005	shallow	PMX	14:16	29.53	PVC	34.31	4.78
MW-36s	2/22/2005	shallow	PMX	12:36	29.54	PVC	34.64	5.10
MW-37s	2/22/2005	shallow	PMX	12:57	29.87	PVC	34.79	4.92
MW-39s	2/22/2005	shallow	PMX	12:48	27.31	PVC	33.26	5.95
MW-E	2/22/2005	shallow	PMX	10:47	25.74	PVC	30.66	4.92
MW-F	2/22/2005	shallow	PMX	11:48	28.83	PVC	33.61	4.78
MW-G	2/22/2005	shallow	PMX	11:54	26.81	PVC	31.73	4.92
P-01	2/22/2005	shallow	PMX	12:23	23.75	PVC	29.79	6.04
P-02	2/22/2005	shallow	PMX	12:30	26.77	PVC	32.57	5.80
P-03	2/22/2005	shallow	PMX	12:12	25.27	PVC	29.95	4.68
P-04	2/22/2005	shallow	PMX	12:43	24.08	PVC	28.78	4.70
Plant-01	2/22/2005	shallow	PMX	13:03	22.05	Access Hole	27.12	5.07
SG-MW-01	2/22/2005	shallow	PMX	10:20	27.14	PVC	32.37	5.23
SG-MW-03	2/22/2005	shallow	PMX	10:51	22.65	PVC	27.77	5.12
ST-MW-05	2/22/2005	shallow	PMX	11:21	27.84	PVC	33.51	5.67
ST-MW-07	2/22/2005	shallow	PMX	11:17	27.79	PVC	33.74	5.95
ST-MW-08	2/22/2005	shallow	PMX	10:58	27.95	PVC	33.98	6.03
ST-MW-09	2/22/2005	shallow	PMX	11:11	27.87	PVC	33.87	6.00
ST-MW-10	2/22/2005	shallow	PMX	11:04	28.12	PVC	34.83	6.71
ST-MW-16	2/22/2005	shallow	PMX	11:42	28.18	PVC	32.96	4.78

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
DMW-03	2/22/2005	intermediate	PMX	14:25	27.80	PVC	32.61	4.81
DMW-04	2/22/2005	intermediate	PMX	14:05	25.99	PVC	30.84	4.85
FVP2-MW-12B	2/22/2005	intermediate	PMX	13:24	26.21	PVC	32.45	6.24
FVP2-MW-13B	2/22/2005	intermediate	PMX	13:32	26.81	PVC	32.38	5.57
MW-04i	2/22/2005	intermediate	PMX	12:45	23.48	PVC	28.48	5.00
MW-05i	2/22/2005	intermediate	PMX	11:05	22.86	PVC	28.16	5.30
MW-07i	2/22/2005	intermediate	PMX	11:36	27.26	PVC	32.42	5.16
MW-08i	2/22/2005	intermediate	PMX	11:25	26.26	PVC	31.42	5.16
MW-15i	2/22/2005	intermediate	PMX	13:58	26.06	PVC	30.89	4.83
MW-18i	2/22/2005	intermediate	PMX	14:30	26.87	PVC	31.84	4.97
MW-19i	2/22/2005	intermediate	PMX	13:12	29.28	PVC	34.02	4.74
MW-24i	2/22/2005	intermediate	PMX	13:37	55.41	PVC	60.59	5.18
MW-26i	2/22/2005	intermediate	PMX	13:27	76.74	PVC	82.04	5.30
MW-28i	2/22/2005	intermediate	PMX	13:06	25.86	PVC	30.90	5.04
MW-29i	2/22/2005	intermediate	PMX	12:37	26.16	PVC	30.73	4.57
MW-30i	2/22/2005	intermediate	PMX	12:04	24.88	PVC	29.61	4.73
MW-31i	2/22/2005	intermediate	PMX	10:40	26.51	PVC	31.45	4.94
MW-32i	2/22/2005	intermediate	PMX	10:29	29.37	PVC	34.20	4.83
MW-33i	2/22/2005	intermediate	PMX	10:31	26.55	PVC	31.46	4.91
MW-34i	2/22/2005	intermediate	PMX	12:49	30.23	PVC	35.08	4.85
MW-35i	2/22/2005	intermediate	PMX	14:14	29.38	PVC	34.20	4.82
MW-36i	2/22/2005	intermediate	PMX	12:34	29.75	PVC	34.84	5.09
MW-37i	2/22/2005	intermediate	PMX	13:00	29.94	PVC	34.64	4.70
MW-38i	2/22/2005	intermediate	PMX	12:29	39.04	PVC	44.05	5.01
MW-01d	2/22/2005	deep	PMX	11:13	21.39	PVC	26.42	5.03
MW-02d	2/22/2005	deep	PMX	11:27	25.09	PVC	30.19	5.10
MW-04d	2/22/2005	deep	PMX	12:48	21.51	PVC	26.66	5.15
MW-05d	2/22/2005	deep	PMX	11:07	22.95	PVC	27.97	5.02
MW-12d	2/22/2005	deep	PMX	10:24	27.23	PVC	32.32	5.09
MW-13d	2/22/2005	deep	PMX	10:14	30.45	PVC	35.24	4.79
MW-14d	2/22/2005	deep	PMX	10:45	21.31	PVC	26.37	5.06
MW-16d	2/22/2005	deep	PMX	12:05	31.21	PVC	36.40	5.19
MW-17d	2/22/2005	deep	PMX	11:45	24.43	PVC	29.56	5.13
Second Quarter (May 2005)								
FVP2-MW-09	5/16/2005	shallow	PMX	10:38	22.74	Top of PVC	33.00	10.26
MW-01	5/16/2005	shallow	PMX	8:50	17.92	Top of PVC	26.29	8.37
MW-02	5/16/2005	shallow	PMX	11:14	21.72	Top of PVC	30.09	8.37
MW-04	5/16/2005	shallow	PMX	9:46	18.22	Top of PVC	26.57	8.35
MW-05	5/16/2005	shallow	PMX	10:16	22.28	Top of PVC	30.64	8.36
MW-06	5/16/2005	shallow	PMX	11:22	20.92	Top of PVC	29.29	8.37
MW-07	5/16/2005	shallow	PMX	11:30	22.50	Top of PVC	30.84	8.34

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-08	5/16/2005	shallow	PMX	11:07	23.04	Top of PVC	31.38	8.34
MW-09	5/16/2005	shallow	PMX	11:47	24.98	Top of PVC	33.32	8.34
MW-10	5/16/2005	shallow	PMX	10:02	24.53	Top of PVC	32.84	8.31
MW-11	5/16/2005	shallow	PMX	9:44	16.57	Top of PVC	24.96	8.39
MW-12	5/16/2005	shallow	PMX	9:23	23.82	Top of PVC	32.07	8.25
MW-15	5/16/2005	shallow	PMX	9:24	22.42	Top of PVC	30.68	8.26
MW-16	5/16/2005	shallow	PMX	11:50	28.89	Top of PVC	37.21	8.32
MW-17	5/16/2005	shallow	PMX	11:36	21.04	Top of PVC	29.34	8.30
MW-18	5/16/2005	shallow	PMX	9:44	23.40	Top of PVC	31.65	8.25
MW-19s	5/16/2005	shallow	PMX	11:25	25.00	Top of PVC	33.26	8.26
MW-20	5/16/2005	shallow	PMX	12:05	47.25	Top of PVC	56.04	8.79
MW-21	5/16/2005	shallow	PMX	12:10	31.57	Top of PVC	39.87	8.30
MW-23	5/16/2005	shallow	PMX	12:35	37.54	Top of PVC	45.85	8.31
MW-24	5/16/2005	shallow	PMX	12:55	52.12	Top of PVC	60.47	8.35
MW-25	5/16/2005	shallow	PMX	12:44	71.65	Top of PVC	79.91	8.26
MW-28s	5/16/2005	shallow	PMX	10:56	20.83	Top of PVC	29.08	8.25
MW-32s	5/16/2005	shallow	PMX	13:34	25.59	Top of PVC	34.23	8.64
MW-33s	5/16/2005	shallow	PMX	9:33	23.20	Top of PVC	31.57	8.37
MW-35s	5/16/2005	shallow	PMX	9:55	26.00	Top of PVC	34.31	8.31
MW-36s	5/16/2005	shallow	PMX	12:25	26.31	Top of PVC	34.64	8.33
MW-37s	5/16/2005	shallow	PMX	11:00	26.46	Top of PVC	34.79	8.33
MW-39s	5/16/2005	shallow	PMX	11:54	25.52	Top of PVC	33.26	7.74
MW-E	5/16/2005	shallow	PMX	13:22	22.04	Top of PVC	30.66	8.62
MW-F	5/16/2005	shallow	PMX	12:53	24.87	Top of PVC	33.61	8.74
MW-G	5/16/2005	shallow	PMX	12:49	22.98	Top of PVC	31.73	8.75
P-01	5/16/2005	shallow	PMX	12:20	22.43	Top of PVC	29.79	7.36
P-03	5/16/2005	shallow	PMX	12:15	21.37	Top of PVC	29.95	8.58
P-04	5/16/2005	shallow	PMX	12:41	20.29	Top of PVC	28.78	8.49
Plant-01	5/16/2005	shallow	PMX	10:43	18.62	Access Hole	27.12	8.50
SG-MW-01	5/16/2005	shallow	PMX	9:19	24.00	Top of PVC	32.37	8.37
SG-MW-03	5/16/2005	shallow	PMX	9:40	19.40	Top of PVC	27.77	8.37
ST-MW-05	5/16/2005	shallow	PMX	13:56	25.47	Top of PVC	33.51	8.04
ST-MW-07	5/16/2005	shallow	PMX	13:52	25.45	Top of PVC	33.74	8.29
ST-MW-08	5/16/2005	shallow	PMX	13:40	25.82	Top of PVC	33.98	8.16
ST-MW-09	5/16/2005	shallow	PMX	13:49	25.72	Top of PVC	33.87	8.15
ST-MW-10	5/16/2005	shallow	PMX	13:46	26.48	Top of PVC	34.83	8.35
ST-MW-15	5/16/2005	shallow	PMX	13:01	31.27	Top of PVC	39.03	7.76
ST-MW-16	5/16/2005	shallow	PMX	13:59	24.72	Top of PVC	32.96	8.24
DMW-01	5/16/2005	shallow	PMX	10:15	28.90	Top of PVC	36.79	7.89
DMW-03	5/16/2005	shallow	PMX	10:02	24.34	Top of PVC	32.61	8.27
DMW-04	5/16/2005	shallow	PMX	9:31	22.60	Top of PVC	30.84	8.24

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
FVP2-MW-12B	5/16/2005	shallow	PMX	11:43	22.64	Top of PVC	32.45	9.81
FVP2-MW-13B	5/16/2005	shallow	PMX	11:37	22.97	Top of PVC	32.38	9.41
MW-04i	5/16/2005	intermediate	PMX	10:25	20.18	Top of PVC	28.48	8.30
MW-05i	5/16/2005	intermediate	PMX	10:14	20.69	Top of PVC	28.16	7.47
MW-07i	5/16/2005	intermediate	PMX	11:26	24.09	Top of PVC	32.42	8.33
MW-08i	5/16/2005	intermediate	PMX	11:04	23.11	Top of PVC	31.42	8.31
MW-18i	5/16/2005	intermediate	PMX	9:42	23.58	Top of PVC	31.84	8.26
MW-19i	5/16/2005	intermediate	PMX	11:28	25.72	Top of PVC	34.02	8.30
MW-24i	5/16/2005	intermediate	PMX	13:00	52.25	Top of PVC	60.59	8.34
MW-26i	5/16/2005	intermediate	PMX	12:50	73.74	Top of PVC	82.04	8.30
MW-28i	5/16/2005	intermediate	PMX	10:48	22.58	Top of PVC	30.90	8.32
MW-29i	5/16/2005	intermediate	PMX	12:31	22.14	Top of PVC	30.73	8.59
MW-30i	5/16/2005	intermediate	PMX	12:45	21.00	Top of PVC	29.61	8.61
MW-31i	5/16/2005	intermediate	PMX	13:08	22.83	Top of PVC	31.45	8.62
MW-32i	5/16/2005	intermediate	PMX	13:31	25.68	Top of PVC	34.20	8.52
MW-33i	5/16/2005	intermediate	PMX	9:30	23.09	Top of PVC	31.46	8.37
MW-34i	5/16/2005	intermediate	PMX	10:35	26.68	Top of PVC	35.08	8.40
MW-35i	5/16/2005	intermediate	PMX	9:51	26.00	Top of PVC	34.20	8.20
MW-36i	5/16/2005	intermediate	PMX	12:27	26.50	Top of PVC	34.84	8.34
MW-37i	5/16/2005	intermediate	PMX	11:10	26.31	Top of PVC	34.64	8.33
MW-38i	5/16/2005	intermediate	PMX	12:17	35.76	Top of PVC	44.05	8.29
MW-01d	5/16/2005	deep	PMX	9:54	18.03	Top of PVC	26.42	8.39
MW-02d	5/16/2005	deep	PMX	11:16	21.83	Top of PVC	30.19	8.36
MW-04d	5/16/2005	deep	PMX	10:27	18.20	Top of PVC	26.66	8.46
MW-05d	5/16/2005	deep	PMX	10:12	19.64	Top of PVC	27.97	8.33
MW-12d	5/16/2005	deep	PMX	9:21	23.79	Top of PVC	32.32	8.53
MW-13d	5/16/2005	deep	PMX	9:14	27.11	Top of PVC	35.24	8.13
MW-14d	5/16/2005	deep	PMX	9:37	18.03	Top of PVC	26.37	8.34
MW-16d	5/16/2005	deep	PMX	11:49	28.03	Top of PVC	36.40	8.37
MW-17d	5/16/2005	deep	PMX	11:34	21.25	Top of PVC	29.56	8.31
Third Quarter (August 2005)								
Emerald-01	8/15/2005	shallow	PMX	13:00	45.06	Top of PVC	62.40	17.34
FVP2-MW-09	8/15/2005	shallow	PMX	9:56	25.50	Top of PVC	33.00	7.50
MW-01	8/15/2005	shallow	PMX	9:45	22.03	Top of PVC	26.29	4.26
MW-04	8/15/2005	shallow	PMX	9:36	22.28	Top of PVC	26.57	4.29
MW-05	8/15/2005	shallow	PMX	9:44	26.36	Top of PVC	30.64	4.28
MW-06	8/15/2005	shallow	PMX	10:13	25.00	Top of PVC	29.29	4.29
MW-07	8/15/2005	shallow	PMX	10:18	26.50	Top of PVC	30.84	4.34
MW-08	8/15/2005	shallow	PMX	9:56	27.00	Top of PVC	31.38	4.38
MW-09	8/15/2005	shallow	PMX	10:56	28.98	Top of PVC	33.32	4.34
MW-10	8/15/2005	shallow	PMX	10:05	28.57	Top of PVC	32.84	4.27

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-11	8/15/2005	shallow	PMX	9:34	20.70	Top of PVC	24.96	4.26
MW-12	8/15/2005	shallow	PMX	9:14	27.25	Top of PVC	32.07	4.82
MW-15	8/15/2005	shallow	PMX	10:41	26.79	Top of PVC	30.68	3.89
MW-16	8/15/2005	shallow	PMX	11:00	32.96	Top of PVC	37.21	4.25
MW-17	8/15/2005	shallow	PMX	10:43	25.20	Top of PVC	29.34	4.14
MW-18	8/15/2005	shallow	PMX	10:15	27.57	Top of PVC	31.65	4.08
MW-19s	8/15/2005	shallow	PMX	9:35	29.28	Top of PVC	33.26	3.98
MW-20	8/15/2005	shallow	PMX	11:07	51.79	Top of PVC	56.04	4.25
MW-21	8/15/2005	shallow	PMX	11:12	35.66	Top of PVC	39.87	4.21
MW-23	8/15/2005	shallow	PMX	12:25	41.77	Top of PVC	45.85	4.08
MW-24	8/15/2005	shallow	PMX	12:37	56.20	Top of PVC	60.47	4.27
MW-25	8/15/2005	shallow	PMX	12:50	75.65	Top of PVC	79.91	4.26
MW-28s	8/15/2005	shallow	PMX	12:20	24.91	Top of PVC	29.08	4.17
MW-32s	8/15/2005	shallow	PMX	11:57	29.58	Top of PVC	34.23	4.65
MW-33s	8/15/2005	shallow	PMX	9:21	27.36	Top of PVC	31.57	4.21
MW-35s	8/15/2005	shallow	PMX	10:25	29.88	Top of PVC	34.31	4.43
MW-36s	8/15/2005	shallow	PMX	11:20	30.47	Top of PVC	34.64	4.17
MW-37s	8/15/2005	shallow	PMX	9:16	30.51	Top of PVC	34.79	4.28
MW-39s	8/15/2005	shallow	PMX	11:15	28.69	Top of PVC	33.26	4.57
MW-E	8/15/2005	shallow	PMX	12:06	26.80	Top of PVC	30.66	3.86
MW-F	8/15/2005	shallow	PMX	11:50	29.67	Top of PVC	33.61	3.94
MW-G	8/15/2005	shallow	PMX	11:44	27.70	Top of PVC	31.73	4.03
P-01	8/15/2005	shallow	PMX	11:32	23.69	Top of PVC	29.79	6.10
P-03	8/15/2005	shallow	PMX	11:28	26.26	Top of PVC	29.95	3.69
P-04	8/15/2005	shallow	PMX	11:20	24.99	Top of PVC	28.78	3.79
Plant-01	8/15/2005	shallow	PMX	12:08	23.08	Access Hole	27.12	4.04
SG-MW-01	8/15/2005	shallow	PMX	9:07	28.09	Top of PVC	32.37	4.28
SG-MW-03	8/15/2005	shallow	PMX	9:25	23.55	Top of PVC	27.77	4.22
ST-MW-05	8/15/2005	shallow	PMX	12:29	28.15	Top of PVC	33.51	5.36
ST-MW-07	8/15/2005	shallow	PMX	12:24	28.11	Top of PVC	33.74	5.63
ST-MW-08	8/15/2005	shallow	PMX	12:43	28.37	Top of PVC	33.98	5.61
ST-MW-09	8/15/2005	shallow	PMX	12:20	28.04	Top of PVC	33.87	5.83
ST-MW-10	8/15/2005	shallow	PMX	12:16	28.42	Top of PVC	34.83	6.41
ST-MW-15	8/15/2005	shallow	PMX	12:36	33.30	Top of PVC	39.03	5.73
ST-MW-16	8/15/2005	shallow	PMX	12:39	29.63	Top of PVC	32.96	3.33
DMW-01	8/15/2005	shallow	PMX	10:09	33.04	Top of PVC	36.79	3.75
DMW-03	8/15/2005	shallow	PMX	10:31	28.59	Top of PVC	32.61	4.02
DMW-04	8/15/2005	shallow	PMX	10:47	26.90	Top of PVC	30.84	3.94
FVP2-MW-12B	8/15/2005	shallow	PMX	9:45	26.98	Top of PVC	32.45	5.47
MW-04i	8/15/2005	intermediate	PMX	11:50	24.46	Top of PVC	28.48	4.02
MW-05i	8/15/2005	intermediate	PMX	9:41	23.51	Top of PVC	28.16	4.65

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-07i	8/15/2005	intermediate	PMX	10:17	28.13	Top of PVC	32.42	4.29
MW-08i	8/15/2005	intermediate	PMX	10:02	27.11	Top of PVC	31.42	4.31
MW-15i	8/15/2005	intermediate	PMX	10:42	27.01	Top of PVC	30.89	3.88
MW-18i	8/15/2005	intermediate	PMX	10:17	27.78	Top of PVC	31.84	4.06
MW-19i	8/15/2005	intermediate	PMX	9:37	30.00	Top of PVC	34.02	4.02
MW-24i	8/15/2005	intermediate	PMX	12:40	56.33	Top of PVC	60.59	4.26
MW-26i	8/15/2005	intermediate	PMX	12:46	76.55	Top of PVC	82.04	5.49
MW-28i	8/15/2005	intermediate	PMX	12:12	26.86	Top of PVC	30.90	4.04
MW-30i	8/15/2005	intermediate	PMX	11:40	25.83	Top of PVC	29.61	3.78
MW-31i	8/15/2005	intermediate	PMX	12:09	27.61	Top of PVC	31.45	3.84
MW-32i	8/15/2005	intermediate	PMX	11:58	30.49	Top of PVC	34.20	3.71
MW-33i	8/15/2005	intermediate	PMX	9:19	27.27	Top of PVC	31.46	4.19
MW-34i	8/15/2005	intermediate	PMX	12:03	31.38	Top of PVC	35.08	3.70
MW-35i	8/15/2005	intermediate	PMX	10:24	30.19	Top of PVC	34.20	4.01
MW-36i	8/15/2005	intermediate	PMX	11:22	30.67	Top of PVC	34.84	4.17
MW-37i	8/15/2005	intermediate	PMX	9:18	30.43	Top of PVC	34.64	4.21
MW-38i	8/15/2005	intermediate	PMX	11:34	39.98	Top of PVC	44.05	4.07
MW-01d	8/15/2005	deep	PMX	9:53	22.35	Top of PVC	26.42	4.07
MW-02d	8/15/2005	deep	PMX	10:06	26.03	Top of PVC	30.19	4.16
MW-04d	8/15/2005	deep	PMX	11:55	22.50	Top of PVC	26.66	4.16
MW-05d	8/15/2005	deep	PMX	9:43	23.90	Top of PVC	27.97	4.07
MW-12d	8/15/2005	deep	PMX	9:12	27.96	Top of PVC	32.32	4.36
MW-14d	8/15/2005	deep	PMX	9:30	22.35	Top of PVC	26.37	4.02
MW-16d	8/15/2005	deep	PMX	11:02	32.12	Top of PVC	36.40	4.28
MW-17d	8/15/2005	deep	PMX	10:40	25.38	Top of PVC	29.56	4.18
Fourth Quarter (November 2005)								
FVP2-MW-09	11/14/2005	shallow	PMX	13:45	24.97	Top of PVC	33.00	8.03
MW-01	11/14/2005	shallow	PMX	12:05	20.67	Top of PVC	26.29	5.62
MW-04	11/14/2005	shallow	PMX	11:25	20.92	Top of PVC	26.57	5.65
MW-05	11/14/2005	shallow	PMX	12:14	25.05	Top of PVC	30.64	5.59
MW-06	11/14/2005	shallow	PMX	13:57	23.62	Top of PVC	29.29	5.67
MW-07	11/14/2005	shallow	PMX	14:03	25.24	Top of PVC	30.84	5.60
MW-08	11/14/2005	shallow	PMX	13:37	25.76	Top of PVC	31.38	5.62
MW-09	11/14/2005	shallow	PMX	14:23	27.70	Top of PVC	33.32	5.62
MW-10	11/14/2005	shallow	PMX	14:18	27.24	Top of PVC	32.84	5.60
MW-11	11/14/2005	shallow	PMX	11:32	19.33	Top of PVC	24.96	5.63
MW-12	11/14/2005	shallow	PMX	10:46	26.28	Top of PVC	32.07	5.79
MW-15	11/14/2005	shallow	PMX	14:25	24.98	Top of PVC	30.68	5.70
MW-16	11/14/2005	shallow	PMX	14:30	31.62	Top of PVC	37.21	5.59
MW-17	11/14/2005	shallow	PMX	14:09	23.74	Top of PVC	29.34	5.60
MW-18	11/14/2005	shallow	PMX	14:05	26.10	Top of PVC	31.65	5.55

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-19s	11/14/2005	shallow	PMX	13:20	27.85	Top of PVC	33.26	5.41
MW-20	11/14/2005	shallow	PMX	13:19	50.53	Top of PVC	56.04	5.51
MW-21	11/14/2005	shallow	PMX	13:15	34.37	Top of PVC	39.87	5.50
MW-23	11/14/2005	shallow	PMX	12:58	40.38	Top of PVC	45.85	5.47
MW-24	11/14/2005	shallow	PMX	14:38	54.88	Top of PVC	60.47	5.59
MW-25	11/14/2005	shallow	PMX	14:50	74.41	Top of PVC	79.91	5.50
MW-28s	11/14/2005	shallow	PMX	12:53	23.55	Top of PVC	29.08	5.53
MW-32s	11/14/2005	shallow	PMX	11:20	28.34	Top of PVC	34.23	5.89
MW-33s	11/14/2005	shallow	PMX	10:55	25.93	Top of PVC	31.57	5.64
MW-35s	11/14/2005	shallow	PMX	14:13	28.68	Top of PVC	34.31	5.63
MW-36s	11/14/2005	shallow	PMX	13:09	29.11	Top of PVC	34.64	5.53
MW-37s	11/14/2005	shallow	PMX	13:06	29.26	Top of PVC	34.79	5.53
MW-39s	11/14/2005	shallow	PMX	12:55	26.53	Top of PVC	33.26	6.73
MW-E	11/14/2005	shallow	PMX	11:43	25.01	Top of PVC	30.66	5.65
MW-F	11/14/2005	shallow	PMX	10:45	27.74	Top of PVC	33.61	5.87
MW-G	11/14/2005	shallow	PMX	12:19	25.90	Top of PVC	31.73	5.83
P-01	11/14/2005	shallow	PMX	12:25	24.19	Top of PVC	29.79	5.60
P-02	11/14/2005	shallow	PMX	12:36	26.68	Top of PVC	32.57	5.89
P-03	11/14/2005	shallow	PMX	10:55	24.21	Top of PVC	29.95	5.74
P-04	11/14/2005	shallow	PMX	12:48	23.23	Top of PVC	28.78	5.55
Plant-01	11/14/2005	shallow	PMX	12:41	21.46	Access Hole	27.12	5.66
SG-MW-01	11/14/2005	shallow	PMX	10:42	26.71	Top of PVC	32.37	5.66
SG-MW-03	11/14/2005	shallow	PMX	11:08	22.15	Top of PVC	27.77	5.62
DMW-01	11/14/2005	shallow	PMX	13:54	31.65	Top of PVC	36.79	5.14
DMW-03	11/14/2005	shallow	PMX	14:19	27.01	Top of PVC	32.61	5.60
DMW-04	11/14/2005	shallow	PMX	14:31	25.14	Top of PVC	30.84	5.70
FVP2-MW-12B	11/14/2005	shallow	PMX	13:27	25.40	Top of PVC	32.45	7.05
MW-04i	11/14/2005	intermediate	PMX	12:21	22.98	Top of PVC	28.48	5.50
MW-05i	11/14/2005	intermediate	PMX	12:10	22.46	Top of PVC	28.16	5.70
MW-07i	11/14/2005	intermediate	PMX	14:01	26.81	Top of PVC	32.42	5.61
MW-08i	11/14/2005	intermediate	PMX	13:35	25.81	Top of PVC	31.42	5.61
MW-15i	11/14/2005	intermediate	PMX	14:27	25.14	Top of PVC	30.89	5.75
MW-18i	11/14/2005	intermediate	PMX	14:02	26.27	Top of PVC	31.84	5.57
MW-19i	11/14/2005	intermediate	PMX	13:17	28.57	Top of PVC	34.02	5.45
MW-24i	11/14/2005	intermediate	PMX	14:36	54.98	Top of PVC	60.59	5.61
MW-26i	11/14/2005	intermediate	PMX	14:46	76.56	Top of PVC	82.04	5.48
MW-28i	11/14/2005	intermediate	PMX	12:45	25.39	Top of PVC	30.90	5.51
MW-29i	11/14/2005	intermediate	PMX	12:41	25.24	Top of PVC	30.73	5.49
MW-30i	11/14/2005	intermediate	PMX	12:11	24.11	Top of PVC	29.61	5.50
MW-31i	11/14/2005	intermediate	PMX	11:34	25.85	Top of PVC	31.45	5.60
MW-32i	11/14/2005	intermediate	PMX	11:07	28.68	Top of PVC	34.20	5.52

Table 5-22: Remedial Investigation
Groundwater Elevations from 2002 to 2006
Former Building 2220 Site, Port of Vancouver

Well Name	Date	Water Quality Zone	Water Level Measurer	Time	Depth to Water (ft bgs)	Measuring Point	Measuring Point Elevation (ft NGVD)	Groundwater Elevation (ft NGVD)
MW-33i	11/14/2005	intermediate	PMX	10:56	25.85	Top of PVC	31.46	5.61
MW-34i	11/14/2005	intermediate	PMX	12:34	29.60	Top of PVC	35.08	5.48
MW-35i	11/14/2005	intermediate	PMX	14:12	28.61	Top of PVC	34.20	5.59
MW-36i	11/14/2005	intermediate	PMX	13:06	29.31	Top of PVC	34.84	5.53
MW-37i	11/14/2005	intermediate	PMX	13:04	29.13	Top of PVC	34.64	5.51
MW-38i	11/14/2005	intermediate	PMX	13:26	38.57	Top of PVC	44.05	5.48
MW-01d	11/14/2005	deep	PMX	12:00	20.91	Top of PVC	26.42	5.51
MW-02d	11/14/2005	deep	PMX	13:54	24.41	Top of PVC	30.19	5.78
MW-04d	11/14/2005	deep	PMX	12:26	20.91	Top of PVC	26.66	5.75
MW-05d	11/14/2005	deep	PMX	12:08	22.46	Top of PVC	27.97	5.51
MW-12d	11/14/2005	deep	PMX	10:50	26.55	Top of PVC	32.32	5.77
MW-13d	11/14/2005	deep	PMX	10:37	29.79	Top of PVC	35.24	5.45
MW-14d	11/14/2005	deep	PMX	11:15	20.87	Top of PVC	26.37	5.50
MW-16d	11/14/2005	deep	PMX	14:26	30.76	Top of PVC	36.40	5.64
MW-17d	11/14/2005	deep	PMX	14:11	23.94	Top of PVC	29.56	5.62

Notes:
NGVD - National Geodetic Vertical Datum
bgs - Below ground surface
ft - feet

Table 5-23: Remedial Investigation
Summary of Quarterly Groundwater Sampling Events
Former Building 2220 Site, Port of Vancouver

Well Name	Total Depth of Well (feet bgs)	Bottom of Well Screen (feet MSL)	Water Quality Zone	Sampling Method	Quarterly Sampling Events																								
					2002				2003				2004				2005				2006				2007				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
MW-01	25	1.8	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X		X			X	X				X				Usually NDs
MW-01d	227	-194.2	deep	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X		A	X	X	X	X		X		X		Regular fairly consistent detects. Deep USA well
MW-02	30	0.4	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X		X		Regular detects. Downgradient of source area. Declining.
MW-02d	223	-186.4	deep	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X				Historically NDs. Deep USA well.
MW-03*	27	4.2	shallow	Low Flow	X	X	X		X	X			X																No longer sampled. Too shallow.
MW-04	25	2.1	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X		X			X	X				X				Below 5 ppb or ND
MW-04i	140	-71.3	intermediate	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Historically NDs
MW-04d	240	-205	deep	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X		A	X	X	X			X				Historically NDs. Deep USA well
MW-05	30.5	-1.5	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X		X		Source area.
MW-05i	101	-71.7	intermediate	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X		A	X	X		X		X		X		Historically NDs. Occasional detects. Recent daughter detects
MW-05d	227	-198.7	deep	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	XA	X	X	X	X						Peaking variable behavior.
MW-05dR	226	-197.7	deep	Low Flow																				X	X	X	X	X	
MW-06	31.5	0.6	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X		X		Regular fairly consistent detects. Fairly stable.
MW-07	31.5	1.2	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X		X		Regular fairly consistent detects. Stable.
MW-07i	180	-57.2	intermediate	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X		X		Regular fairly consistent detects. Possible declining trend.
MW-08	31.5	1.7	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		Has been noisy. RGRW impacts? Recently declining.
MW-08i	140	-98.4	intermediate	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X				Historically NDs. Near RGRW influence.
MW-09	32	2	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		Has been noisy. RGRW impacts? Recently declining.
MW-10	31.5	2.1	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X		Has been noisy. Increasing trend.
MW-11	27	-0.6	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		Has been noisy.
MW-12	31.5	1.3	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Historically NDs
MW-12d	224	-183.4	deep	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X				Regular fairly consistent detects. Deep USA well
MW-13*	30	6.7	shallow	Low Flow	X	X	X	X																					Not sampled. Perched gw zone well. NDs.
MW-13d	268	-228.8	deep	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X				Historically NDs
MW-14d	226	-194.5	deep	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X		A	X	X	X	X		X		X		Regular fairly consistent detects. Deep USA well
MW-15	33	-1.9	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Historically NDs
MW-15i	220	-107.9	TGA	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X		X		Regular below 5 ppb. TGA well.
MW-16	36	1.5	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		Noisy and declining. Some variability.
MW-16d	240	-193.4	TGA	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X				Historically NDs. TGA well
MW-17	31	-1.4	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X				Historically NDs
MW-17d	205	-165.2	TGA	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X				Historically NDs. TGA well
MW-18	39	-6	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Historically below 5 ppb. Recent NDs.
MW-18i	180	-97.9	intermediate	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X		X		Regular detections. Declining trend.
MW-19s	34	0.5	shallow	Low Flow												X	X	X	X	X	X	X			X		X		Historically below 5 ppb. Recent NDs.
MW-19i	191	-95.6	intermediate	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		Regular detections. Noisy. Possible declining trend.
MW-20	57.5	-0.6	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		Historically variable. Recent notable decline.
MW-21	42	-1.7	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		Historically variable. Recent steady decline.
MW-22**	20	19.4	shallow	Low Flow																									Well has been abandoned.
MW-23	45	1.4	shallow	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Usually NDs. Below 5 ppb.
MW-24	62	-1.3	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Historically NDs.
MW-24i	165	-61.9	intermediate	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Variable. Some NDs. Below 5 ppb.
MW-25	85	-4.7	shallow	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Variable. Declining trend. Below 5 ppb.
MW-26i	113	-30.7	intermediate	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Variable. Some NDs. Below 5 ppb.
MW-28s	30	0.2	shallow	Low Flow												X	X	X	X	X	X	X			X				One detection. Rest NDs.
MW-28i	130	-53.9	intermediate	Low Flow	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		Variable. Possible declining trend.
MW-29i	130	-93.7	intermediate	Passive Diffusion Bag	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X				X				Historically NDs.
MW-30i	187	-55.2	intermediate	Low Flow					X	X	X	X	X	X	X	X	X			X	X		X		X		X		Some variability. Possible declining trend.
MW-31i	167	-53.4	intermediate	Low Flow					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X		Variable concentrations over time. Recent declining trend.
MW-32s	34.5	1.5	shallow	Low Flow												X	X	X	X	X	X	X			X				Historically NDs.

Table 5-23: Remedial Investigation
Summary of Quarterly Groundwater Sampling Events
Former Building 2220 Site, Port of Vancouver

Well Name	Total Depth of Well (feet bgs)	Bottom of Well Screen (feet MSL)	Water Quality Zone	Sampling Method	Quarterly Sampling Events																					
					2002				2003				2004				2005				2006				2007			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
MW-32i	34.5	-35.5	intermediate	Low Flow											X	X	X	X	X	X	X	X	X		X		X		Variable concentrations over time. Recent declining trend.
MW-33s	35	0.8	shallow	Low Flow												X	X	X	X	X	X	X	X		X		X		Historically NDs. Recent detection. Below 5 ppb.
MW-33i	31.6	-53.4	intermediate	Low Flow											X	X	X	X	X	X	X	X	X		X		X		Variable concentrations over time. Recent declining trend.
MW-34i	32.7	-72.1	intermediate	Low Flow												X	X	X	X	X	X	X	X		X		X		Some variability.
MW-35s	33	2.1	shallow	Low Flow												X	X	X	X	X	X	X			X				Historically NDs.
MW-35i	34.6	-87.4	intermediate	Low Flow												X	X	X	X	X	X	X	X		X		X		Some variability.
MW-36s	35.5	1.1	shallow	Low Flow												X	X	X	X	X	X	X	X		X				Some NDs. Below 5 ppb with recent exception.
MW-36i	35.1	-69.9	intermediate	Low Flow												X	X	X	X	X	X	X	X		X		X		Some variability. Possible declining trend.
MW-37s	35	0.9	shallow	Low Flow												X	X	X	X	X	X	X			X				Historically NDs.
MW-37i	34.7	-90.3	intermediate	Low Flow											X	X	X	X	X	X	X	X	X		X		X		Fairly stable regular detections
MW-38i	44.5	-110.5	deep	Low Flow												X	X	X	X	X	X	X	X		X		X		Increasing TCE concentration trend.
MW-39s	34	0.4	shallow	Low Flow												X	X	X	X	X	X	X			X				Historically NDs.
MW-E	35	-2.9	shallow	Low Flow											X	X	X	X	X	X	X	X	X		X		X		Some variability. Possible increasing trend.
MW-F	37	-2.7	shallow	Low Flow											X	X	X	X	X	X	X	X	X		X				Historically NDs. All below 5 ppb.
MW-G	37	-5.1	shallow	Passive Diffusion Bag											X	X	X	X	X	X	X	X	X		X		X		Some variability. Possible increasing trend.

= well not yet installed or well abandoned
= groundwater quality sample not collected
X = groundwater sample collected
E = groundwater quality sampling frequency will be evaluated
A = groundwater sample collected after, and as an addition to, quarterly monitoring

Q1 - 1st quarter (Jan. - Mar.); Q2 - 2nd quarter (Apr. - Jun.); Q3 - 3rd quarter (Jul. - Sept.); Q4 - 4th quarter (Oct. - Dec.)
* - MW-3 is no longer sampled because it does not typically contain sufficient water. MW-13 is not currently sampled because it is screened in a perched water zone.
** - MW-22 was abandoned in June 2002

Table 6-1: Interim Actions
Summary of treatment program and groundwater sampling events
Former Building 2220 Site, Port of Vancouver

Event	Date	Total Injection Volumes in gallons (Number of Injection Points)		Groundwater Sampling Locations
		Permanganate	Fenton's Reagent	
Baseline Performance Monitoring Event	December 27, 2001 through January 29,2002			Wells MW-05/05i, VMW-01 through VMW-08, DSI-02 (all depths), DSI-05-040, DSI-06 (all depths), SSI-03 through SSI-10, and IMW-01 through IMW-07.
Treatment Event 1	January 28, 2002 through February 6, 2002	0	84,390 (71)	
Performance Monitoring Event 1	February 11, 2002 through March 4, 2002			Wells MW-05/05i, VMW-01 through VMW-08, DSI-01 (all depths), DSI-02 (all depths), DSI-03 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-10, and direct-push locations IA1-GP-01 through IA1-GP-27.
Treatment Event 2	February 26, 2002 through March 6, 2002	3,600 (12)	81,640 (61)	
Performance Monitoring Event 2	March 11, 2002 through March 20, 2002			Wells MW-05/05i, VMW-01 through VMW-08, DSI-01 (all depths), DSI-02 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-10, and direct-push locations IA2-GP-01 through IA2-GP-30.
Treatment Event 3	April 25, 2002 through May 1, 2002	0	54,800 (17)	
Performance Monitoring Event 3	May 6, 2002 through June 4, 2002			Wells MW-05/05i, VMW-01 through VMW-14, DSI-01 (all depths), DSI-02 (all depths), DSI-03 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-10, and SSI-12 through SSI-19.
Performance Monitoring Event 4	August 5, 2002 through August 27, 2002			Wells MW-05/05i, VMW-01 through VMW-14, DSI-01 (all depths), DSI-02 (all depths), DSI-03 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-10, SSI-12 through SSI-19, and IMW-01 through IMW-07.
Treatment Event 4	September 19, 2002 through September 21, 2002	0	5,150 (10)	
Performance Monitoring Event 5	November 5, 2002 through November 15, 2002			Wells MW-05/05i, VMW-01 through VMW-14, DSI-01 (all depths), DSI-02 (all depths), DSI-03 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-10, SSI-12 through SSI-19, and IMW-01 through IMW-07.
Performance Monitoring Event 6	January 30, 2003 through January 31, 2003			Wells VMW-02, VMW-04, VMW-08 through VMW-10, VMW-14, DSI-02-040, DSI-05-040,
Performance Monitoring Event 7	February 17, 2003 through March 24, 2003			Wells VMW-01 through VMW-14, DSI-01 (all depths), DSI-02 (all depths), DSI-03 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-10, and SSI-12 through SSI-19.
Treatment Event 5	May 6, 2003 through May 13, 2003	0	24,212 (14)	
Performance Monitoring Event 8	June 16, 2003 through June 19, 2003			Wells MW-05/05i, VMW-01 through VMW-14, DSI-01 (all depths), DSI-02 (all depths), DSI-03 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-10, and SSI-12 through SSI-19.
Performance Monitoring Event 9	October 27, 2003 through October 30, 2003			Wells VMW-01 through VMW-14, DSI-01 (all depths), DSI-02 (all depths), DSI-03 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-10, and SSI-12 through SSI-19.
Performance Monitoring Event 10	January 14, 2004			Wells MW-02, SSI-08, SSI-14, SSI-19, and IMW-01 through IMW-07.
Treatment Event 6	May 4, 2004 through May 11, 2004	8,300 (19)	670 (12)	
Performance Monitoring Event 11	July 6 and 7, 2004			Wells VMW-01 through VMW-12, VMW-14, DSI-02-040, DSI-05-040, SSI-08, SSI-10, SSI-18, and IMW-01 through IMW-07.
Treatment Event 7	October 6, 2004 through October 8, 2004	6,600 (27)	0	

Table 6-1: Interim Actions
Summary of treatment program and groundwater sampling events
Former Building 2220 Site, Port of Vancouver

Event	Date	Total Injection Volumes in gallons (Number of Injection Points)		Groundwater Sampling Locations
		Permanganate	Fenton's Reagent	
Performance Monitoring Event 12	January 31, 2005 through February 4, 2005			Wells VMW-01 through VMW-14, DSI-01 (all depths), DSI-02 (all depths), DSI-03 (all depths), DSI-04 (all depths), DSI-05 (all depths), DSI-06 (all depths), SSI-03 through SSI-19, and IMW-01 through IMW-07.
Performance Monitoring Event 13	February 9, 2007 through February 13, 2007			Wells MW-05, VMW-02, VMW-06, VMW-08 through VMW-12, DSI-06-040, SSI-10, SSI-16, and IMW-05.

Table 6-2: Interim Actions
Treatment Injection Volumes - Fenton's Reagent
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
Injection Wells								
DSI-1-40	2400	3200	--	--	--	--	--	5600
DSI-1-55	1600	1600	--	--	--	--	--	3200
DSI-1-70	1600	1600	--	--	--	--	--	3200
DSI-1-85	70	--	--	--	--	--	--	70
DSI-1-100	70	--	--	--	--	--	--	70
DSI-2-40	2400	3200	--	--	--	--	--	5600
DSI-2-55	1680	1600	--	--	--	--	--	3280
DSI-2-70	820	60	--	--	--	--	--	880
DSI-2-85	--	--	--	--	--	--	--	0
DSI-2-100	--	--	--	--	--	--	--	0
DSI-3-40	2400	3600	3200	--	2133	--	--	11333
DSI-3-55	2400	1600	--	--	--	--	--	4000
DSI-3-70	2400	1600	--	--	--	--	--	4000
DSI-3-85	140	--	--	--	--	--	--	140
DSI-3-100	140	--	--	--	--	--	--	140
DSI-4-40	2500	2800	3200	--	1000	--	--	9500
DSI-4-55	2400	1550	--	--	--	--	--	3950
DSI-4-70	1600	180	--	--	--	--	--	1780
DSI-4-85	215	--	--	--	--	--	--	215
DSI-4-100	205	--	--	--	--	--	--	205
DSI-5-40	2400	4000	3200	1600	2133	--	--	13333
DSI-5-55	2400	1500	--	--	--	--	--	3900
DSI-5-70	2400	1500	--	--	--	--	--	3900

Table 6-2: Interim Actions
Treatment Injection Volumes - Fenton's Reagent
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
DSI-5-85	135	--	--	--	--	--	--	135
DSI-5-100	135	--	--	1600	--	--	--	1735
DSI-6-40	2280	4000	3200	--	3133	--	--	12613
DSI-6-55	2450	1600	--	--	--	--	--	4050
DSI-6-70	2450	1600	--	--	--	--	--	4050
DSI-6-85	260	--	--	--	--	--	--	260
DSI-6-100	260	--	--	--	--	--	--	260
HSI-01	--	--	--	--	645	--	--	645
HSI-02	--	--	--	--	1125	--	--	1125
HSI-03	--	--	--	--	1510	50	--	1560
HSI-04	--	--	--	--	1735	110	--	1845
SSI-01	2400	1550	--	--	--	--	--	3950
SSI-02	2400	1600	--	--	--	--	--	4000
SSI-03	2400	3200	3200	--	--	--	--	8800
SSI-04	2400	3600	3200	--	--	--	--	9200
SSI-05	2400	3200	3200	--	3133	--	--	11933
SSI-06	2400	2800	3200	--	2133	--	--	10533
SSI-07	2400	2450	--	--	2133	--	--	6983
SSI-08	2400	1600	--	--	--	--	--	4000
SSI-09	2500	2450	3200	--	1133	--	--	9283
SSI-10	2400	1600	--	--	--	--	--	4000
SSI-11	2400	1600	--	--	--	--	--	4000
SSI-12	--	--	3200	--	1133	--	--	4333
SSI-13	--	--	3200	--	1133	--	--	4333
SSI-14	--	--	3200	--	--	--	--	3200

Table 6-2: Interim Actions
Treatment Injection Volumes - Fenton's Reagent
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
SSI-15	--	--	3200	--	--	--	--	3200
SSI-16	--	--	3400	--	--	--	--	3400
SSI-17	--	--	3400	--	--	--	--	3400
SSI-18	--	--	3200	--	--	--	--	3200
SSI-19	--	--	3200	--	--	--	--	3200
Temporary Injection Points								
TIP-1-23	130	--	--	--	--	--	--	130
TIP-1-28	130	--	--	--	--	--	--	130
TIP-1-33	600	--	--	--	--	--	--	600
TIP-1-38	600	--	--	--	--	--	--	600
TIP-2-23	600	--	--	--	--	--	--	600
TIP-2-28	600	--	--	--	--	--	--	600
TIP-2-33	600	--	--	--	--	--	--	600
TIP-2-38	600	--	--	--	--	--	--	600
TIP-3-23	600	--	--	--	--	--	--	600
TIP-3-28	600	--	--	--	--	--	--	600
TIP-3-33	600	--	--	--	--	--	--	600
TIP-3-38	600	--	--	--	--	--	--	600
TIP-4-23	20	--	--	--	--	--	--	20
TIP-4-28	600	--	--	--	--	--	--	600
TIP-4-33	600	--	--	--	--	--	--	600
TIP-4-38	600	--	--	--	--	--	--	600
TIP-5-23	600	--	--	--	--	--	--	600
TIP-5-28	600	--	--	--	--	--	--	600
TIP-5-33	600	--	--	--	--	--	--	600
TIP-5-38	600	--	--	--	--	--	--	600
TIP-6-23	600	--	--	--	--	--	--	600

Table 6-2: Interim Actions
Treatment Injection Volumes - Fenton's Reagent
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
TIP-6-28	600	--	--	--	--	--	--	600
TIP-6-33	600	--	--	--	--	--	--	600
TIP-6-38	600	--	--	--	--	--	--	600
TIP-7-23	600	--	--	--	--	--	--	600
TIP-7-28	600	--	--	--	--	--	--	600
TIP-7-33	600	--	--	--	--	--	--	600
TIP-7-38	600	--	--	--	--	--	--	600
TIP-8-23	600	--	--	--	--	--	--	600
TIP-8-28	600	--	--	--	--	--	--	600
TIP-8-33	600	--	--	--	--	--	--	600
TIP-8-38	600	--	--	--	--	--	--	600
TIP-9-23	--	600	--	--	--	--	--	600
TIP-9-28	--	600	--	--	--	--	--	600
TIP-9-33	--	600	--	--	--	--	--	600
TIP-9-38	--	600	--	--	--	--	--	600
TIP-10-23	--	600	--	--	--	--	--	600
TIP-10-28	--	600	--	--	--	--	--	600
TIP-10-33	--	600	--	--	--	--	--	600
TIP-10-38	--	600	--	--	--	--	--	600
TIP-11-23	--	600	--	--	--	--	--	600
TIP-11-28	--	600	--	--	--	--	--	600
TIP-11-33	--	600	--	--	--	--	--	600
TIP-11-38	--	600	--	--	--	--	--	600
TIP-12-23	--	600	--	--	--	--	--	600
TIP-12-28	--	600	--	--	--	--	--	600
TIP-12-33	--	600	--	--	--	--	--	600
TIP-12-38	--	600	--	--	--	--	--	600
TIP-13-23	--	600	--	--	--	--	--	600

Table 6-2: Interim Actions
Treatment Injection Volumes - Fenton's Reagent
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
TIP-13-28	--	600	--	--	--	--	--	600
TIP-13-33	--	600	--	--	--	--	--	600
TIP-13-38	--	600	--	--	--	--	--	600
TIP-14-23	--	600	--	--	--	--	--	600
TIP-14-28	--	600	--	--	--	--	--	600
TIP-14-33	--	600	--	--	--	--	--	600
TIP-14-38	--	600	--	--	--	--	--	600
TIP-15-23	--	600	--	--	--	--	--	600
TIP-15-28	--	600	--	--	--	--	--	600
TIP-15-33	--	600	--	--	--	--	--	600
TIP-15-38	--	600	--	--	--	--	--	600
TIP-16-23	--	600	--	--	--	--	--	600
TIP-16-28	--	600	--	--	--	--	--	600
TIP-16-33	--	600	--	--	--	--	--	600
TIP-16-38	--	600	--	--	--	--	--	600
TP-1	--	--	--	75	--	--	--	75
TP-2	--	--	--	300	--	--	--	300
TP-3	--	--	--	330	--	--	--	330
TP-4	--	--	--	270	--	--	--	270
TP-5	--	--	--	75	--	--	--	75
TP-6	--	--	--	300	--	--	--	300
TP-7	--	--	--	300	--	--	--	300
TP-8	--	--	--	300	--	--	--	300
TP-9	--	--	--	--	--	40	--	40
TP-10	--	--	--	--	--	50	--	50
TP-11	--	--	--	--	--	50	--	50
TP-12	--	--	--	--	--	50	--	50
TP-13	--	--	--	--	--	50	--	50

Table 6-2: Interim Actions
Treatment Injection Volumes - Fenton's Reagent
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
TP-14	--	--	--	--	--	50	--	50
TP-15	--	--	--	--	--	50	--	50
TP-16	--	--	--	--	--	50	--	50
TP-17	--	--	--	--	--	60	--	60
TP-18	--	--	--	--	--	60	--	60
TP-19	--	--	--	--	--	--	--	0
TP-20	--	--	--	--	--	--	--	0
TP-21	--	--	--	--	--	--	--	0
TP-22	--	--	--	--	--	--	--	0
Event Tota	**84,390**	**81,640**	**54,800**	**5,150**	**24,212**	**670**	**0**	
					Grand Total			**250,862**

-- = no reagent was injected

Table 6-3: Interim Actions
Treatment Injection Volumes - Potassium Permanganate
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
Injection Wells								
DSI-1-40	--	--	--	--	--	--	--	0
DSI-1-55	--	--	--	--	--	--	--	0
DSI-1-70	--	--	--	--	--	--	--	0
DSI-1-85	--	300	--	--	--	--	--	300
DSI-1-100	--	300	--	--	--	--	--	300
DSI-2-40	--	--	--	--	--	--	--	0
DSI-2-55	--	--	--	--	--	--	--	0
DSI-2-70	--	--	--	--	--	--	--	0
DSI-2-85	--	300	--	--	--	--	--	300
DSI-2-100	--	300	--	--	--	--	--	300
DSI-3-40	--	--	--	--	--	--	600	600
DSI-3-55	--	--	--	--	--	--	--	0
DSI-3-70	--	--	--	--	--	--	--	0
DSI-3-85	--	300	--	--	--	--	--	300
DSI-3-100	--	300	--	--	--	--	--	300
DSI-4-40	--	--	--	--	--	--	600	600
DSI-4-55	--	--	--	--	--	--	--	0
DSI-4-70	--	--	--	--	--	--	--	0
DSI-4-85	--	300	--	--	--	--	--	300
DSI-4-100	--	300	--	--	--	--	--	300
DSI-5-40	--	--	--	--	--	600	600	1200
DSI-5-55	--	--	--	--	--	--	--	0

Table 6-3: Interim Actions
Treatment Injection Volumes - Potassium Permanganate
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
DSI-5-70	--	--	--	--	--	--	--	0
DSI-5-85	--	300	--	--	--	--	--	300
DSI-5-100	--	300	--	--	--	--	--	300
DSI-6-40	--	--	--	--	--	600	600	1200
DSI-6-55	--	--	--	--	--	--	--	0
DSI-6-70	--	--	--	--	--	--	--	0
DSI-6-85	--	300	--	--	--	--	--	300
DSI-6-100	--	300	--	--	--	--	--	300
HSI-01	--	--	--	--	--	--	--	0
HSI-02	--	--	--	--	--	--	--	0
HSI-03	--	--	--	--	--	100	--	100
HSI-04	--	--	--	--	--	100	--	100
SSI-01	--	--	--	--	--	--	--	0
SSI-02	--	--	--	--	--	--	--	0
SSI-03	--	--	--	--	--	--	600	600
SSI-04	--	--	--	--	--	--	--	0
SSI-05	--	--	--	--	--	--	600	600
SSI-06	--	--	--	--	--	--	600	600
SSI-07	--	--	--	--	--	--	--	0
SSI-08	--	--	--	--	--	600	600	1200
SSI-09	--	--	--	--	--	600	600	1200
SSI-10	--	--	--	--	--	600	--	600
SSI-11	--	--	--	--	--	--	--	0
SSI-12	--	--	--	--	--	600	600	1200

Table 6-3: Interim Actions
Treatment Injection Volumes - Potassium Permanganate
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
SSI-13	--	--	--	--	--	600	600	1200
SSI-14	--	--	--	--	--	600	--	600
SSI-15	--	--	--	--	--	600	--	600
SSI-16	--	--	--	--	--	600	--	600
SSI-17	--	--	--	--	--	600	--	600
SSI-18	--	--	--	--	--	600	--	600
SSI-19	--	--	--	--	--	600	--	600
Temporary Injection Points								
TIP-1-23	--	--	--	--	--	--	--	0
TIP-1-28	--	--	--	--	--	--	--	0
TIP-1-33	--	--	--	--	--	--	--	0
TIP-1-38	--	--	--	--	--	--	--	0
TIP-2-23	--	--	--	--	--	--	--	0
TIP-2-28	--	--	--	--	--	--	--	0
TIP-2-33	--	--	--	--	--	--	--	0
TIP-2-38	--	--	--	--	--	--	--	0
TIP-3-23	--	--	--	--	--	--	--	0
TIP-3-28	--	--	--	--	--	--	--	0
TIP-3-33	--	--	--	--	--	--	--	0
TIP-3-38	--	--	--	--	--	--	--	0
TIP-4-23	--	--	--	--	--	--	--	0
TIP-4-28	--	--	--	--	--	--	--	0
TIP-4-33	--	--	--	--	--	--	--	0
TIP-4-38	--	--	--	--	--	--	--	0
TIP-5-23	--	--	--	--	--	--	--	0
TIP-5-28	--	--	--	--	--	--	--	0
TIP-5-33	--	--	--	--	--	--	--	0

Table 6-3: Interim Actions
Treatment Injection Volumes - Potassium Permanganate
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
TIP-5-38	--	--	--	--	--	--	--	0
TIP-6-23	--	--	--	--	--	--	--	0
TIP-6-28	--	--	--	--	--	--	--	0
TIP-6-33	--	--	--	--	--	--	--	0
TIP-6-38	--	--	--	--	--	--	--	0
TIP-7-23	--	--	--	--	--	--	--	0
TIP-7-28	--	--	--	--	--	--	--	0
TIP-7-33	--	--	--	--	--	--	--	0
TIP-7-38	--	--	--	--	--	--	--	0
TIP-8-23	--	--	--	--	--	--	--	0
TIP-8-28	--	--	--	--	--	--	--	0
TIP-8-33	--	--	--	--	--	--	--	0
TIP-8-38	--	--	--	--	--	--	--	0
TIP-9-23	--	--	--	--	--	--	--	0
TIP-9-28	--	--	--	--	--	--	--	0
TIP-9-33	--	--	--	--	--	--	--	0
TIP-9-38	--	--	--	--	--	--	--	0
TIP-10-23	--	--	--	--	--	--	--	0
TIP-10-28	--	--	--	--	--	--	--	0
TIP-10-33	--	--	--	--	--	--	--	0
TIP-10-38	--	--	--	--	--	--	--	0
TIP-11-23	--	--	--	--	--	--	--	0
TIP-11-28	--	--	--	--	--	--	--	0
TIP-11-33	--	--	--	--	--	--	--	0
TIP-11-38	--	--	--	--	--	--	--	0
TIP-12-23	--	--	--	--	--	--	--	0
TIP-12-28	--	--	--	--	--	--	--	0

Table 6-3: Interim Actions
Treatment Injection Volumes - Potassium Permanganate
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
TIP-12-33	--	--	--	--	--	--	--	0
TIP-12-38	--	--	--	--	--	--	--	0
TIP-13-23	--	--	--	--	--	--	--	0
TIP-13-28	--	--	--	--	--	--	--	0
TIP-13-33	--	--	--	--	--	--	--	0
TIP-13-38	--	--	--	--	--	--	--	0
TIP-14-23	--	--	--	--	--	--	--	0
TIP-14-28	--	--	--	--	--	--	--	0
TIP-14-33	--	--	--	--	--	--	--	0
TIP-14-38	--	--	--	--	--	--	--	0
TIP-15-23	--	--	--	--	--	--	--	0
TIP-15-28	--	--	--	--	--	--	--	0
TIP-15-33	--	--	--	--	--	--	--	0
TIP-15-38	--	--	--	--	--	--	--	0
TIP-16-23	--	--	--	--	--	--	--	0
TIP-16-28	--	--	--	--	--	--	--	0
TIP-16-33	--	--	--	--	--	--	--	0
TIP-16-38	--	--	--	--	--	--	--	0
TP-1	--	--	--	--	--	--	150*	150
TP-2	--	--	--	--	--	--	150*	150
TP-3	--	--	--	--	--	--	150*	150
TP-4	--	--	--	--	--	--	150*	150
TP-5	--	--	--	--	--	--	150*	150
TP-6	--	--	--	--	--	--	150*	150
TP-7	--	--	--	--	--	--	150*	150
TP-8	--	--	--	--	--	--	150*	150
TP-9	--	--	--	--	--	--	150*	150

Table 6-3: Interim Actions
Treatment Injection Volumes - Potassium Permanganate
Former Building 2220 Site, Port of Vancouver

Injection Location	Volume of Reagent Injected (gallons)							Total Volume per Injection Location (gallons)
	Treatment Event 1	Treatment Event 2	Treatment Event 3	Treatment Event 4	Treatment Event 5	Treatment Event 6	Treatment Event 7	
	1/28/02 - 2/6/02	2/26/02 - 3/6/02	4/25/02 - 5/1/02	9/19/02 - 9/21/02	5/6/03 - 5/13/03	5/4/04 - 5/11/04	10/6/04 - 10/8/04	
TP-10	--	--	--	--	--	--	150*	150
TP-11	--	--	--	--	--	--	150*	150
TP-12	--	--	--	--	--	--	150*	150
TP-13	--	--	--	--	--	--	150*	150
TP-14	--	--	--	--	--	--	150*	150
TP-15	--	--	--	--	--	--	150*	150
TP-16	--	--	--	--	--	--	150*	150
TP-17	--	--	--	--	--	--	--	0
TP-18	--	--	--	--	--	--	--	0
TP-19	--	--	--	--	--	75	--	75
TP-20	--	--	--	--	--	75	--	75
TP-21	--	--	--	--	--	75	--	75
TP-22	--	--	--	--	--	75	--	75
Event Totals	**0**	**3,600**	**0**	**0**	**0**	**8,300**	**6,600**	
					Grand Total			**20,900**

-- = no reagent was injected

*=Location of 9/04 injection points is not the same as 5/04 injection points with same ID (see Table 6-2)

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Sample Depth (ft)	Tetrachloroethene (µg/l)														Trichloroethene (ug/l)														cis-1,2-Dichloroethene (ug/l)													
		Treatment Events														Treatment Events														Treatment Events													
		Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7		
		Sampling Events														Sampling Events														Sampling Events													
		Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Verification Monitoring Wells																																											
MW-02	25	--	--	--	--	--	--	--	--	--	--	52.8	--	--	45.7	--	--	--	--	--	--	--	--	--	--	970	--	--	1030	--	--	--	--	--	--	--	--	--	11.6	--	--	5 U
MW-05	25	**194**	**192**	**28.2**	**56.5**	**161**	**93.2**	--	--	**121**	--	--	--	--	**334**	7,070	6,850	989	1,410	6,360	3,420	--	--	4410	--	--	--	--	4740	21.1	25 U	**9.2**	**10.5**	25 U	**12.6**	--	--	25 U	--	--	--	--	25 U
MW-05I	95	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.42	--	--	5.2	--	--	--	--	13.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	**2.35**
VMW-01	35	**41.5**	**28.1**	**12.5**	**22.2**	**50.3**	**41.4**	--	**52.7**	**62.3**	**37**	--	**45**	**28.6**	--	**42.4**	**158**	**71.3**	**29.1**	**102**	**80.3**	--	**64.2**	**77.5**	**113**	--	**504**	**25.5**	--	**18.8**	**11.9**	**6.76**	**8.9**	**17.3**	**13.5**	--	**16.2**	**16.9**	**9.08**	--	**10.2**	**0.61**	--
VMW-02	20	**628**	**171**	**193**	**119**	**350**	**170**	**110**	**210**	**78.6**	**87**	--	**318**	**206**	**311**	**25,300**	**8,480**	**8,960**	**4,340**	**19,300**	**11,300**	**3,980**	**10,500**	**3,310**	**3,230**	--	**16,100**	**8,730**	**9,390**	**71.2**	**41.5**	50 U	**25.5**	100 U	50 U	**27**	50 U	**15.6**	**14.2**	--	50 U	50 U	25 U
VMW-03	95	0.5 U	**4.11**	0.5 U	0.5 U	0.5 U	**1.98**	--	**1.45**	**2.36**	**2**	--	**1.88**	**1.77**	--	**7.76**	**78.9**	**2.3**	**2.18**	**3.6**	**34.3**	--	**7.72**	**11**	**8.01**	--	**6.66**	**6.63**	--	0.5 U	0.5 U	0.5 U	0.5 U	**1.76**	**3.24**	--	**4.3**	**6.06**	**4.35**	--	**3.16**	**4.84**	--
VMW-04	35	**58**	**31**	**35.5**	**48.4**	**48.9**	**645**	**63.8**	**187**	**67.4**	**132**	--	**58.1**	**40**	--	**585**	**317**	**46.1**	**111**	**247**	**16,500**	**195**	**1,890**	**313**	**1,590**	--	**381**	**282**	--	**18.8**	**9.94**	**14.8**	**17.3**	**17.2**	50 U	**15.6**	**13.2**	**14.3**	**10.3**	--	**7**	**6.84**	--
VMW-05	70	**16.4**	**9.57**	**8.04**	**20.4**	**31.8**	**39.3**	--	**226**	**56.2**	**60.2**	--	**45.7**	**17.7**	--	**29**	**27.3**	**23.8**	**45.1**	**46.4**	**51.5**	--	**10,200**	**95.2**	**193**	--	**43.5**	**13.5**	--	**17.3**	**8.27**	**0.83**	**11.5**	**14.4**	**15.8**	--	50 U	**17.9**	**16.8**	--	**20.1**	**8.3**	--
VMW-06	95	**28.6**	**20.4**	**7.8**	**2.34**	**9.36**	**1.16**	--	**7.36**	**17.6**	**29.8**	--	**31**	**151**	**99.2**	**888**	**632**	**187**	**51.4**	**216**	**36**	--	**245**	**1,330**	**2,540**	--	**1,970**	**7,930**	**2,590**	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	**2.92**	**7.1**	10 U	--	**5.8**	50 U	**13.4**
VMW-07	70	**15.2**	**17.6**	**17.6**	**16.9**	**14.2**	**15.2**	--	**12.1**	**12**	**17.7**	--	**20.7**	**20.6**	--	**63.8**	**62.5**	**46.5**	**51**	**59.2**	**377**	--	**144**	**124**	**262**	--	**182**	**139**	--	**20**	**21**	**22.4**	**22.8**	**20**	**15.7**	--	**12.2**	**10.1**	**12.2**	--	**10.1**	**8.91**	--
VMW-08	20	**289**	**150**	**60**	**50.5**	**76**	**226**	**282**	**304**	**107**	**137**	--	**132**	**229**	**312**	**25,200**	**13,500**	**4,700**	**4,820**	**6,780**	**20,800**	**21,300**	**31,600**	**9,750**	**12,100**	--	**4,980**	**11,600**	**11,400**	**36**	50 U	25 U	25 U	25 U	100 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U
VMW-09	21	--	--	--	**297**	**1790**	**1840**	**1420**	**1740**	**348**	**1150**	--	**685**	**1,180**	**797**	--	--	--	**13,000**	**119,000**	**114,000**	**81,400**	**82,800**	**6,120**	**41,100**	--	**33,200**	**40,800**	**18,500**	--	--	--	50 U	500 U	500 U	**255**	250 U	50 U	250 U	--	250 U	250 U	**134**
VMW-10	23	--	--	--	**53**	**71**	**134**	**223**	**214**	**194**	**388**	--	**168**	**228**	**166**	--	--	--	**3,890**	**6,690**	**8,270**	**15,900**	**13,600**	**15,300**	**16,800**	--	**9,620**	**9,980**	**4,030**	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	**50**	--	**38.5**	50 U	25 U
VMW-11	23	--	--	--	**26**	**56**	**38**	--	**51**	**56.5**	**52**	--	**50.4**	**66**	**49.4**	--	--	--	**2,080**	**5,250**	**3,060**	--	**3,340**	**5,560**	**5,100**	--	**3,800**	**4,760**	**2,200**	--	--	--	10 U	25 U	**25.2**	--	**16**	25 U	25 U	--	**15.4**	25 U	10 U
VMW-12	23	--	--	--	**38**	**53.8**	**88**	--	**65.6**	**143**	**96**	--	**62.6**	**120**	**35.9**	--	--	--	**1,720**	**2,360**	**3,540**	--	**2,170**	**5,150**	**4,240**	--	**2,950**	**5,400**	**1,180**	--	--	--	10 U	10 U	10 U	--	**10.4**	25 U	25 U	--	10 U	25 U	5 U
VMW-13	23	--	--	--	**52.5**	**51**	**100**	--	**67**	**94**	**75**	--	--	**86.5**	--	--	--	--	**4,570**	**4,050**	**3,570**	--	**2,830**	**4,190**	**4,950**	--	--	**3,230**	--	--	--	--	25 U	25 U	**13.4**	--	**14.4**	25 U	25 U	--	--	25 U	--
VMW-14	23	--	--	--	**19.3**	**37.2**	**129**	**68.6**	**60**	**75**	**81.5**	--	**66.6**	**72**	--	--	--	--	**1,330**	**3,030**	**7,710**	**2,360**	**2,720**	**4,370**	**5,370**	--	**3,970**	**4,000**	--	--	--	--	5 U	10 U	25 U	**15.8**	**14**	25 U	25 U	--	**28.2**	25 U	--
Injection Wells																																											
DSI-01-040	35	--	**6.72**	**26**	**48.1**	**47.2**	**41.4**	--	**52.2**	**62.4**	**34.2**	--	--	**49.7**	--	--	**29.2**	**57.2**	**119**	**486**	**268**	--	**501**	**623**	**158**	--	--	**866**	--	--	**2.08**	**11.8**	**17.5**	**16.4**	**11.8**	--	**12**	**15.2**	**8.11**	--	--	**8.9**	--
DSI-01-085	80	--	**2.67**	5 U	**11.7**	**23.8**	**30.2**	--	**21.8**	**18.8**	**17**	--	--	**9.79**	--	--	**7.48**	5 U	**7.74**	**25.1**	**31.6**	--	**33.7**	**36.7**	**33.6**	--	--	**17.3**	--	--	**4.08**	5 U	**3.5**	**13.5**	**13.7**	--	**16.8**	**20.7**	**18.6**	--	--	**13.5**	--
DSI-01-100	95	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	**1.14**	**0.67**	--	--	0.5 U	--	--	**1.72**	5 U	0.5 U	**1.88**	**4.79**	--	**6.74**	**2.7**	**1.58**	--	--	**1.86**	--	--	0.5 U	5 U	0.5 U	**1.83**	**2.95**	--	**3.44**	**3.02**	**2.77**	--	--	**3.94**	--
DSI-02-040	35	**271**	**32.6**	**25.7**	**44.2**	**50.3**	**173**	**106**	**118**	**140**	**43**	--	**59.8**	**103**	--	**4,180**	**372**	**71.8**	**649**	**275**	**5,820**	**1,370**	**1,770**	**2,940**	**433**	--	**736**	**2,010**	--	**5.54**	**11.5**	**11**	**13.1**	**17.5**	25 U	**7.3**	**10.2**	**15.2**	**9.2**	--	**8.3**	10 U	--
DSI-02-055	50	**35.7**	**25.3**	**16.3**	**48.9**	**3.81**	**57.4**	--	**63**	**60.7**	**52.5**	--	--	**41.1**	--	**65.1**	**51.3**	**76.5**	**59.9**	**16.5**	**105**	--	**69.4**	**340**	**99.3**	--	--	**33.3**	--	**17.2**	**9.72**	**6.1**	**18.2**	**7.94**	**18.1**	--	**18.9**	**13.7**	**13**	--	--	**9.81**	--
DSI-02-070	65	**21.9**	**12.1**	**12 J**	**44.4**	**56.7**	**73.8**	--	**71.5**	**70.5**	**68.7**	--	--	**24.2**	--	**58.5**	**55.1**	**83.1 J**	**424**	**846**	**751**	--	**271**	**227**	**302**	--	--	**23.1**	--	**15.5**	**4.38**	**4.6 J**	**20.8**	**42**	**54.2**	--	**24.6**	**24.6**	**24.7**	--	--	**4.21**	--
DSI-02-085	80	**4.62**	**7.6**	5 U	**4.69**	**56.4**	**2.17**	--	**0.97**	**3.27**	**2.23**	--	--	**17.5**	--	**15.7**	**30.5**	5 U	**8.74**	**51.3**	**18.6**	--	**6.17**	**13.4**	**8.54**	--	--	**61.6**	--	**8.6**	**15.2**	5 U	**5.5**	**20.8**	**2.84**	--	**0.85**	**5.69**	**2.7**	--	--	**13.8**	--
DSI-02-100	95	**54.4**	**4.83**	5 U	0.5 U	0.5 U	**3.6**	--	**6.89**	**11**	**5.14**	--	--	**11.6 J**	--	**37.1**	**2.2**	5 U	0.5 U	**0.5**	**86.5**	--	**110**	**175**	**93.3**	--	--	**152 J**	--	**0.85**	0.5 U	5 U	0.5 U	0.5 U	**2**	--	**3.51**	**5.1**	**3.46**	--	--	**8.01 J**	--
DSI-03-085	80	--	**8.14**	--	**14.8**	**27.9**	**34.7**	--	**29.4**	**57.4**	**60.1**	--	--	**11.6**	--	--	**31.4**	--	**4.54**	**36.7**	**47.7**	--	**32.5**	**92.4**	**160**	--	--	**9.72**	--	--	**6.99**	--	0.5 U	**14.3**	**14.2**	--	**16.4**	**19.2**	**17**	--	--	**5.11**	--
DSI-03-100	95	--	**0.88**	--	0.5 U	**0.67**	**0.69**	--	**0.54**	**1.02**	**2.49**	--	--	**6.71**	--	--	**20.8**	--	0.5 U	**3.48**	**4.27**	--	**2.89**	**4.2**	**8.03**	--	--	**13.4**	--	--	**2.33**	--	0.5 U	**3.3**	**3.54**	--	**3.62**	**4.82**	**5.17**	--	--	**9.44**	--
DSI-04-085	80	--	**2.58**	5 U	**4.96**	**21.6**	**27.7**	--	**23.3**	**35.6**	**31**	--	--	**16.2**	--	--	**40.3**	5 U	0.5 U	**242**	**470**	--	**292**	**615**	**531**	--	--	**65.8**	--	--	1 U	5 U	0.5 U	**13.2**	**14.6**	--	**12.2**	**13.8**	**12.4**	--	--	**4.38**	--
DSI-04-100	95	--	**3.44**	5 U	**4.87**	**7.03**	**5.74**	--	**5.99**	**5.64**	**4.63**	--	--	**1.33 J**	--	--	**83.4**	5 U	**22.6**	**76.7**	**53.8**	--	**34.6**	**49.2**	**28**	--	--	**6.73 J**	--	--	1 U	5 U	**1.14**	**4.82**	**6.06**	--	**4.86**	**2.81**	**3.26**	--	--	0.5 UJ	--
DSI-05-040	35	**416**	**198**	**21.3**	**79.7**	**284**	**54.5**	**57.8**	**126**	**92.2**	**116**	--	**910**	**108**	--	**8,080**	**9,370**	**181**	**1,180**	**25,900**	**1,240**	**715**	**4,450**	**2,470**	**3,520**	--	**34,800**	**1,360**	--	**16**	25 U	**7.94**	**5.3**	100 U	**13.1**	**15.2**	25 U	**13.6**	**11.2**	--	100 U	5 U	--
DSI-05-085	80	--	**90.6**	5 U	**21.2**	**34.9**	**34**	--	**67.2**	**46.2**	**79.8**	--	--	**26.4**	--	--	**2,130**	5 U	**546**	**1,400**	**2,070**	--	**2,880**	**1,090**	**2,110**	--	--	**194**	--	--	**15**	5 U	**9.45**	**14**	**15.4**	--	**13.8**	**11.5**	**15.8**	--	--	**8.18**	--
DSI-05-100	95	--	**158**	5 U	**5.92**	**150**	**16.1**	--	**50.6**	**75.6**	**68.5**	--	--	**49**	--	--	**6,230**	5 U	**198**	**10,500**	**825**	--	**1,790**	**3,680**	**5,120**	--	--	**1,420**	--	--	25 U	5 U	1 U	50 U	**7.9**	--	10 U	10 U	**10.6**	25 U	--	10 U	--
DSI-06-040	35	**578**	**164**	**52.1**	**56.7**	**82**	**77.8**	--	**162**	**93.5**	**98**	--	--	**390**	**316**	**32,100**	**9,700**	**1,230**	**1,550**	**6,180**	**3,370**	--	**6,640**	**6,120**	**6,650**	--	--	**20,300**	**7,220**	**32.7**	50 U	**8.6**	**10.8**	25 U	**14.8**	--	25 U	25 U	**63**	--	--	100 U	25 U
DSI-06-055	50	**46.4**	**24.3**	**34**	**31.6**	**53.6**	**64.4**	--	**70.1**	**68.5**	**68.6**	--	--	**36.1**	--	**939**	**938**	**626**	**441**	**539**	**1,220**	--	**437**	**1,070**	**2,030**	--	--	**373**	--	**16.2**	**5.4**	**7.25**	**9.4**	**17.8**	**18.5**	--	**17.6**	**13.8**	**12.4**	--	--	**4.12**	--
DSI-06-070	65	**17.7**	**4.8**	**10.8**	**38**	**35.7**	**50.2**	--	**49.8**	**69**	**71.2**	--	--	**20.6**	--	**332**	**117**	**332**	**410**	**155**	**778**	--	**110**	**551**	**1,140**	--	--	**16.2**	--	**11.6**	**2.36**	**2.9**	**10.4**	**12.5**	**16.6**	--	**18**	**15.8**	**12.5**	--	--	**4.84**	--
DSI-06-085	80	**22.8**	**0.88**	5 U	**1.98**	**14**	**14.7**	--	**39**	**15.6**	**5.9**	--	--	**2.62**	--	**1,260**	**21.9**	5 U	**15.1**	**196**	**168**	--	**1,930**	**875**	**228**	--	--	**61.8**	--	**3.41**	0.5 U	5 U	**1.19**	**8.98**	**9.27**	--	10 U	**2.85**	5 U	--	--	**0.95**	--
DSI-06-100	95	**19.5**	0.5 U	5 U	**0.66**	**1.34**	**13.4**	--	**11.1**	**6.92**	**5.03**	--	--	**2.29**	--	**1,100**	**0.72**	5 U	**18.7**	**41.3**	**252**	--	**120**	**69.7**	**31.9**	--	--	**22.4**	--	**1.62**	0.5 U	5 U	**1.04**	**1.21**	**8.44**	--	**7.75**	**4.57**	**2.51**	--	--	**0.61**	--
SSI-03	35	**51.4**	**26**	**30**	**21.4**	**52.3**	**35.9**	--	**52.2**	**66**	**34.4**	--	--	0.5 U	--	**381**	**294**	**36.7**	**45.4**	**181**	**93.3**	--	**496**	**314**	**383**	--	--	0.5 U	--	**20.3**	**10.4**	**12.2**	**8.02**	**17.8**	**13.4**	--	**15**	**18.5**	**7.9**	--	--	0.5 U	--
SSI-04	35	**32.5**	**30.9**	**35.2**	**29.7**	**35.5**	**35.2**	--	**50.2**	**52.6**	**35.6**	--	--	**68.5**	--	**56**	**49.1**	**32.9**	**109**	**194**	**138**	--	**145**	**282**	**437**	--	--	**2,710**	--	**15.8**	**13.2**	**13.4**	**9.3**	**12**	**13.3**	--	**13.1**	**14.7**	**8.75**	--	--	25 U	--
SSI-05	35	**39.5**	**24.4**	**32.6**	**57.3**	**46.2**	**41**	--	**154**	**58.8**	**49.2**	--	--	**46.9**	--	**751**	**250**	**96.8**	**1,670**	**598**	**408**	--	**6,150**	**504**	**846**	--	--	**745**	--	**16**	**7.2**	**11**	**10**	**13.7**	**13**	--	**28.5**	**14.6**	**10**	--	--	2.5 U	--
SSI-07	35	**57.1**	**77.6**	**28.1**	**70.2**	**80.4**	**70**	--	**110**	**63.3**	**45.7**	--	--	**123**	--	**1,860**	**2,820**	**128**	**2,500**	**2,870**	**2,230**	--	**4,510**	**180**	**788**	--	--	**4,950**	--	**19.4**	**20.6**	**10.4**	**19.4**	**20.2**	**14.8**	--	25 U	**17.9**	**10**	--	--	50 U	--
SSI-08	35	**99.8**	**30.8**	**35.1**	**49.4**	**56.6**	**58**	--	**67.4**	**63.7**	**65**	**57.3**	**102**	**46.3**	--	**6,150**	**640**	**868**	**791**	**1,930**	**2,140**	--	**2,010**	**1,090**	**2,310**	**1,190**	**6,880**	**853**	--	**32.8**	**12.1**	**10.5**	**18.8**	**18.6**	**14.8**	--	**18.2**	**17.4**	25 U	**14.2**	25 U	5 U	--
SSI-09	35	**396**	**49**	**54**	**28.8**	**73**	**57.2**	--	**142**	**54.4**	**69.4**	--	--	**97.8**	--	**29,700**	**2,250**	**2,670**	**745**	**5,540**	**3,400**	--	**6,260**	**1,260**	**3,050**	--	--	**1,250**	--	**66.2**	**12.6**	10 U	**6.75**	50 U	**15.8**	--	25 U	**13.1**	**10.8**	--	--	10 U	--
SSI-10	35	**182**	**20.2**	**41.2**	**41.2**	**53.2**	**64**	--	**52.5**	**76.5**	**60**	--	**92.2**	**57.2**	**83**	**13,100**	**834**	**216**	**1,700**	**1,490**	**2,670**	--	**1,020**	**6,020**	**2,280**	--	**3320**	**3,540**	**4,610**	**51.1**	**6.6**	**14.9**	**15.5**	**18.8**	**18.6**	--	**16.3**	25 U	**10.6**	--	10 U	10 U	25 U
SSI-11	35	--	--	--	--	--	--	--	--	--	--	--	--	**46.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,650**	--	--	--	--	--	--	--	--	--	--	--	**8.6**	--
SSI-12	35	--	--	--	**43.6**	**52.4**	**101**	--	**325**	**341**	**138**	--	--	**8.91**	--	--	--	--	**573**	**1,070**	**4,140**	--	**10,900**	**16,400**	**5,510**	--	--	0.5 U	--	--	--	--	**12.8**	**15.8**	25 U	--	50 U	50 U	25 U	--	--	0.5 U	--
SSI-13	35	--	--	--	**28.4**	**60.8**	**82**	--	**105**	**104**	**153**	--	--	**79.6**	--	--	--	--	**735**	**1,620**	**4,530**	--	**3,030**	**6,050**	**10,300**	--	--	**1,950**	--	--	--	--	**6**	**15.2**	25 U	--	**15.6**	25 U	50 U	--	--	10 U	--
SSI-14	35	--	--	--	**28.2**	**54.2**	**43**	--	**83.8**	**77.5**	**61**	**59**	--	**54.4**	--	--	--	--	**531**	**976**	**2,570**	--	**2,330**	**5,900**	**2,440**	**2,180**	--	**2,350**	--	--	--	--	**5.6**	**15.4**	**13**	--	**15.4**	25 U	**11**	**11.6**	--	10 U	--
SSI-15	35	--	--	--	**50.4**	**53.8**	**96.2**	--	**117**	**200**	**164**	--	--	**103**	--	--	--	--	**689**	**813**	**2,810**	--	**3,190**	**8,720**	**8,540**	--	--	**3,060**	--	--	--	--	**12.6**	**14.6**	**14.4**	--	**15.6**	25 U	25 U	--	--	10 U	--
SSI-16	35	--	--	--	**70.8**	**70.6**	**89.5**	--	**92**	**106**	**90**	--	--	**171**	**136**	--	--	--	**2030**	**1,650**	**4,230**	--	**3,890**	**4,140**	**4,710**	--	--	**6,970**	**4,610**	--	--	--	10 U	**15.4**	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U
SSI-17	35	--	--	--	**52.5**	**54.2**	**69.6**	--	**71.4**	**70**	**67.4**	--	--	**57**	--	--	--	--	**1330**	**709**	**2,730**	--	**1,570**	**1,860**	**3,770**	--	--	**1,930**	--	--	--	--	**6.3**	**16.5**	**16.8**	--	**16.4**	**16.2**	**11.8**	--	--	10 U	--
SSI-18	35	--	--	--	**28.1**	**58.3**	**85.8**	--	**82.8**	**122**	**149**	--	**13.8**	**97.5**	--	--	--	--	**645**	**1,090**	**2,180**	--	**1,470**	**4,690**	**5,350**	--	0.5 U	**3,120**	--	--	--	--	**6.15**	**14.2**	**16.4**	--	**15.4**	25 U	25 U	--	0.5 U	25 U	--
SSI-19	35	--	--	--	**43.2**	**54.7**	**72.6**	--	**72.2**	**78**	**97**	**67.8**	--	**67**	--	--	--	--	**961**	**808**	**2,910**	--	**2,060**	**2,440**	**4,260**	**2,070**	--	**2,130**	--	--	--	--	**9.8**	**16.3**	**15.2**	--	**14.8**	**14.6**	25 U	**11.8**	--	25 U	--
Interim Action Monitoring Wells																																										
IMW-01	22	**22.5**	--	--	--	**32.2**	**19.4**	--	--	--	--	**21**	**28.8**	**26.4**	--	**1,780**	--	--	--	**2,480**	**1,620**	--	--	--	--	**1,010**	**1,690**	**1,230**	--	5 U	--	--	--	**11.6**	5 U	--	--	--	--	5 U	10 U	10 U	--
IMW-02	22	**28.8**	--	--	--	**23.3**	**33.4**	--	--	--	--	**33.4**	**47**	**40**	--	**2,360**	--	--	--	**1,420**	**2,880**	--	--	--	--	**2,470**	**4,580**	**2,890**	--	10 U	--	--	--	**6.9**	10 U	--	--	--	--	10 U	25 U	25 U	--
IMW-03	25	**29**	--	--	--	**30**	**15.7**	--	--	--	--	**35.5**	**20**	**22.1**	--	**2,330**	--	--	--	**2,240**	**1,260**	--	--	--	--	**1,810**	**1,610**	**1,990**	--	25 U	--	--	--	25 U	5 U	--	--	--	--	**9.1**	10 U	5 U	--
IMW-04	25	**41.5**	--	--	--	**47**	**64.2**	--	--	--	--	**52.2**	**49.8**	**44.4**	--	**3,860**	--	--	--	**4,270**	**2,870**	--	--	--	--	**1,920**	**2,470**	**1,830**	--	25 U	--	--	--	25 U	**19.2**	--	--	--	--	**13.2**	**12**	10 U	--
IMW-05	25	**199**	--	--	--	**94.5**	**78.8**	--	--	--	--	**550**	**395**	**237**	**137**	**3,880**	--	--	--	**5,610**	**2,810**	--	--	--	--	**13,500**	**11,300**	**5,360**	**1,970**	25 U	--	--	--	25 U	**15.2**	--	--	--	--	50 U	**54**	50 U	**12.6**
IMW-05A	65	**10.6**	--	--	--	**32**	**25.4**	--	--	--	--	**63.9**	**53.4**	**32.3**	--	**20.6**	--	--	--	**66.1**	**42.3**	--	--	--	--	**44.9**	**36.7**	**16.5**	--	**12.6**	--	--	--	**14.4**	**16.2**	--	--	--	--	**19.8**	**16.3**	**8.93**	--
IMW-06	25	**18.5**	--	--	--	**17.1**	**19.4**	--	--	--	--	**38.4**	**41.9**	**30.6**	--	**507**	--	--	--	**597**	**30.5**	--	--	--	--	**1,140**	**1,430**	**780**	--	2.5 U	--	--	--	**2.95**	**17.6**	--	--	--	--	5 U	5 U	5 U	--
IMW-06A	65	**12.1**	--	--	--	**20.5**	**13.9**	--	--	--	--	**52**	**49.2**	**49**	--	**21.7**	--	--	--	**27.7**	**370**	--	--	--	--	**31.3**	**33**	**27.6**	--	**13.8**	--	--	--	**16.8**	**3.66**	--	--	--	--	**19.5**	**18.2**	**17.9**	--
IMW-07	25	**13.4**	--	--	--	**37.2**	**17.4**	--	--	--	--	**33**	**35.7**	**25**	--	**599**	--	--	--	**2,070**	**749**	--	--	--	--	**896**	**1,530**	**1,040**	--	2.5 U	--	--	--	10 U	**4.95**	--	--	--	--	**5.3**	5 U	5 U	--

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Sample Depth (ft)	Tetrachloroethene (µg/l)														Trichloroethene (ug/l)														cis-1,2-Dichloroethene (ug/l)													
		Treatment Events														Treatment Events														Treatment Events													
		Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7		
		Sampling Events														Sampling Events														Sampling Events													
		Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Direct-Push Boreholes																																											
IA1-GP-01		--	**7.84**	--	--	--	--	--	--	--	--	--	--	--	--	--	**383**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-02		--	**56**	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,430**	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-03		--	**77.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**8,200**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-04		--	**37.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,460**	--	--	--	--	--	--	--	--	--	--	--	--	--	**15.8**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-05		--	**48.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,090**	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-06		--	**46**	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,810**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-07		--	**49.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,240**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-08		--	**14.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,230**	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.2**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-09		--	**14.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,420**	--	--	--	--	--	--	--	--	--	--	--	--	--	**13.3**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-10		--	**8.35**	--	--	--	--	--	--	--	--	--	--	--	--	--	**857**	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.2**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-11		--	**51.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**6,160**	--	--	--	--	--	--	--	--	--	--	--	--	--	**45.5**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-12		--	**8**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,990**	--	--	--	--	--	--	--	--	--	--	--	--	--	**9.9**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-13		--	**73**	--	--	--	--	--	--	--	--	--	--	--	--	--	**14,200**	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-14		--	**49.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,040**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-15		--	**41**	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,500**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-16		--	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--	**9,700**	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-17		--	**49**	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,810**	--	--	--	--	--	--	--	--	--	--	--	--	--	**14.8**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-18		--	**103**	--	--	--	--	--	--	--	--	--	--	--	--	--	**9,660**	--	--	--	--	--	--	--	--	--	--	--	--	--	**64**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-19		--	**13.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,060**	--	--	--	--	--	--	--	--	--	--	--	--	--	**8.1**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-20		--	**18**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,460**	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.3**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-21		--	**14.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,070**	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.5**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-22		--	**18.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,560**	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-23		--	**96.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,140**	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-24		--	**198**	--	--	--	--	--	--	--	--	--	--	--	--	--	**16,200**	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-25		--	**31.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,710**	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-26		--	**38**	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,720**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-27		--	**11.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,380**	--	--	--	--	--	--	--	--	--	--	--	--	--	**12.2**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-01		--	--	**315**	--	--	--	--	--	--	--	--	--	--	--	--	--	**11,900**	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-02		--	--	**152**	--	--	--	--	--	--	--	--	--	--	--	--	--	**13,100**	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-03		--	--	**172**	--	--	--	--	--	--	--	--	--	--	--	--	--	**12,800**	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-04		--	--	**141**	--	--	--	--	--	--	--	--	--	--	--	--	--	**7,660**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-05		--	--	**70.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**6,460**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-06		--	--	**90**	--	--	--	--	--	--	--	--	--	--	--	--	--	**8,520**	--	--	--	--	--	--	--	--	--	--	--	--	--	**25**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-07		--	--	**181**	--	--	--	--	--	--	--	--	--	--	--	--	--	**9,570**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-08		--	--	**80**	--	--	--	--	--	--	--	--	--	--	--	--	--	**4,550**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-09		--	--	**25**	--	--	--	--	--	--	--	--	--	--	--	--	--	**587**	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-10		--	--	**65.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,890**	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-11		--	--	**50.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,010**	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.3**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-12		--	--	**5.91**	--	--	--	--	--	--	--	--	--	--	--	--	--	**114**	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.52**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-13		--	--	**3.44**	--	--	--	--	--	--	--	--	--	--	--	--	--	**78.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.95**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-14		--	--	**63.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**4,550**	--	--	--	--	--	--	--	--	--	--	--	--	--	**30.5**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-15		--	--	**13.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	**763**	--	--	--	--	--	--	--	--	--	--	--	--	--	**8**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-16		--	--	**26.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**887**	--	--	--	--	--	--	--	--	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-17		--	--	**20.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,020**	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-18		--	--	**167**	--	--	--	--	--	--	--	--	--	--	--	--	--	**7,090**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-19		--	--	**39.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,890**	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-20		--	--	**18.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	**680**	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.3**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-21		--	--	**170**	--	--	--	--	--	--	--	--	--	--	--	--	--	**13,700**	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-22		--	--	**250**	--	--	--	--	--	--	--	--	--	--	--	--	--	**24,700**	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-23		--	--	**388**	--	--	--	--	--	--	--	--	--	--	--	--	--	**29,000**	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-24		--	--	**56.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**6,330**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-25		--	--	**33.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,220**	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.8**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-26		--	--	**45.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,720**	--	--	--	--	--	--	--	--	--	--	--	--	--	**17**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-27		--	--	**19**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,140**	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-28		--	--	**121**	--	--	--	--	--	--	--	--	--	--	--	--	--	**4,490**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-29		--	--	**63.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,140**	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-30		--	--	**51.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,320**	--	--	--	--	--	--	--	--	--	--	--	--	--	**10.9**	--	--	--	--	--	--	--	--	--	--	--	--

Bold items indicate results above detection limits.
Shaded items indicate results above 10,000 ug/L.
U - result not detected above detection limit.
J - result is estimated.
B - result may be due to cross-contamination or lab contamination
Table includes only analytes for which at least one result was above detection limits.
-- = Not sampled or analyzed.

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	1,1-Dichloroethene (ug/l)														1,1,1-Trichloroethane (ug/l)														1,1,2-Trichloroethane (ug/l)													
	Treatment Events														Treatment Events														Treatment Events													
	Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7		
	Sampling Events														Sampling Events														Sampling Events													
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Verification Wells																																										
MW-02	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U
MW-05	0.5 U	25 U	5 U	5 U	25 U	10 U	--	--	25 U	--	--	--	--	25 U	0.5 U	25 U	5 U	5 U	25 U	10 U	--	--	25 U	--	--	--	--	25 U	0.5 U	25 U	5 U	5 U	25 U	10 U	--	--	25 U	--	--	--	--	25 U
MW-05I	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	0.5 U
VMW-01	**0.92**	1 U	0.5 U	0.5 U	**0.7**	**0.64**	--	0.5 U	0.5 U	0.5 U	--	2.5 U	0.5 U	--	**1.25**	**1**	**0.55**	**0.85**	**1.54**	**1.12**	--	**1.56**	**1.62**	**0.92**	--	2.5 U	**0.59**	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	2.5 U	0.5 U	--
VMW-02	1 U	25 U	50 U	25 U	100 U	50 U	25 U	50 U	10 U	10 U	--	50 U	50 U	25 U	1 U	25 U	50 U	25 U	100 U	50 U	25 U	50 U	10 U	10 U	--	50 U	50 U	25 U	**2.48**	25 U	50 U	25 U	100 U	50 U	25 U	50 U	10 U	10 U	--	50 U	50 U	25 U
VMW-03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	**0.57**	**0.79**	**0.69**	--	**0.52**	**0.68**	--	0.5 U	0.5 U	0.5 U	0.5 U	**0.61**	**1.08**	--	**1.17**	**1.79**	**1.79**	--	**1.82**	**1.58**	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--
VMW-04	**0.77**	1 U	**0.61**	**0.74**	1 U	50 U	1 U	10 U	1 U	5 U	--	2.5 U	1 U	--	**1.28**	1 U	**1.14**	**1.26**	**1.3**	50 U	**1.22**	10 U	**1.28**	5 U	--	2.5 U	1 U	--	0.5 U	1 U	0.5 U	0.5 U	1 U	50 U	1 U	10 U	1 U	5 U	--	2.5 U	1 U	--
VMW-05	**1**	0.5 U	0.5 U	**0.51**	**0.64**	**0.73**	--	50 U	**0.83**	**0.59**	--	**1.03**	0.5 U	--	**1.4**	**0.7**	**0.6**	**0.94**	**1.38**	**1.53**	--	50 U	**1.59**	**1.42**	--	**1.81**	**1.61**	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	50 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--
VMW-06	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	1 U	5 U	10 U	--	5 U	50 U	10 U	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	1 U	5 U	10 U	--	5 U	50 U	10 U	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	1 U	5 U	10 U	--	5 U	50 U	10 U
VMW-07	**1.54**	**1.31**	**1.35**	**1.51**	**1.27**	**1.14**	--	**0.96**	0.5 U	1 U	--	0.5 U	0.5 U	--	**1.93**	**2.22**	**2.57**	**2.36**	**2.51**	**2.32**	--	**1.96**	**1.85**	**1.72**	--	**1.54**	**1.32**	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	--
VMW-08	1 U	50 U	25 U	25 U	25 U	100 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U	1 U	50 U	25 U	25 U	25 U	100 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U	1 U	50 U	25 U	25 U	25 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U
VMW-09	--	--	--	50 U	500 U	500 U	250 U	250 U	50 U	250 U	--	250 U	250 U	50 U	--	--	--	50 U	500 U	500 U	250 U	250 U	50 U	250 U	--	250 U	250 U	50 U	--	--	--	50 U	500 U	500 U	250 U	250 U	50 U	250 U	--	250 U	250 U	50 U
VMW-10	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	50 U	--	25 U	50 U	25 U	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	50 U	--	25 U	50 U	25 U	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	50 U	--	25 U	50 U	25 U
VMW-11	--	--	--	10 U	25 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	10 U	--	--	--	10 U	25 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	10 U	--	--	--	10 U	25 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	10 U
VMW-12	--	--	--	10 U	10 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	5 U	--	--	--	10 U	10 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	5 U	--	--	--	10 U	10 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	5 U
VMW-13	--	--	--	25 U	25 U	10 U	--	10 U	25 U	25 U	--	--	25 U	--	--	--	--	25 U	25 U	10 U	--	10 U	25 U	25 U	--	--	25 U	--	--	--	--	25 U	25 U	10 U	--	10 U	25 U	25 U	--	--	25 U	--
VMW-14	--	--	--	5 U	10 U	25 U	10 U	10 U	25 U	25 U	--	10 U	25 U	--	--	--	--	5 U	10 U	25 U	10 U	10 U	25 U	25 U	--	10 U	25 U	--	--	--	--	5 U	10 U	25 U	10 U	25 U	25 U	--	10 U	25 U	--
Injection Wells																																									
DSI-01-040	--	0.5 U	0.5 U	**0.52**	2.5 U	1 U	--	2.5 U	2.5 U	0.5 U	--	--	5 U	--	--	0.5 U	**1.03**	**1.31**	2.5 U	**1.26**	--	2.5 U	2.5 U	**0.71**	--	--	5 U	--	--	0.5 U	0.5 U	0.5 U	1 U	--	2.5 U	2.5 U	0.5 U	--	--	5 U	--
DSI-01-085	--	0.5 U	5 U	0.5 U	**0.72**	**0.74**	--	**1.32**	**1.48**	**1.2**	--	--	**1.28**	--	--	**0.8**	5 U	**1.16**	**1.33**	**1.51**	--	**2.23**	**2.99**	**2.29**	--	--	**2.46**	--	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--
DSI-01-100	--	0.5 U	5 U	0.5 U	**0.74**	**1.27**	--	**1.47**	**1.27**	**0.87**	--	--	**0.78**	--	--	**0.52**	5 U	**3.63**	**2.74**	**3.76**	--	**3.52**	**4.17**	**2.17**	--	--	**1.6**	--	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--
DSI-02-040	0.5 U	2.5 U	0.5 U	2.5 U	1 U	25 U	5 U	10 U	10 U	2.5 U	--	2.5 U	10 U	--	0.5 U	2.5 U	**0.98**	2.5 U	**1.36**	25 U	5 U	10 U	10 U	2.5 U	--	2.5 U	10 U	--	0.5 U	2.5 U	0.5 U	2.5 U	1 U	25 U	5 U	10 U	10 U	2.5 U	--	2.5 U	10 U	--
DSI-02-055	**0.68**	0.5 U	0.5 U	**0.71**	**0.69**	**0.86**	--	**0.77**	2.5 U	0.5 U	--	--	0.5 U	--	**1.25**	**1.01**	**0.65**	**1.58**	**1.58**	**1.67**	--	**1.63**	2.5 U	**1.14**	--	--	**0.88**	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	2.5 U	0.5 U	--	--	0.5 U	--
DSI-02-070	**0.9**	0.5 U	0.5 UJ	2.5 U	2.5 U	2.5 U	--	1 U	1 U	1 U	--	--	0.5 U	--	**1.88**	0.5 U	0.5 UJ	2.5 U	2.5 U	2.5 U	--	**1.44**	**1.44**	**1.38**	--	--	**1**	--	0.5 U	0.5 U	0.5 UJ	2.5 U	2.5 U	2.5 U	1 U	--	1 U	1 U	1 U	--	--	0.5 U	--
DSI-02-085	**0.79**	**1.28**	5 U	0.5 U	**0.88**	0.5 U	--	0.5 U	**0.54**	0.5 U	--	--	**0.73**	--	**1.72**	**2.1**	5 U	**1.88**	**1.84**	**0.75**	--	**1.28**	**1.21**	**1.26**	--	--	**1.58**	--	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--
DSI-02-100	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1 U	0.5 U	--	--	0.5 UJ	--	0.5 U	0.5 U	5 U	**0.6**	**1.24**	**1.58**	--	**1.16**	**1.2**	**1.26**	--	--	**0.89 J**	--	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1 U	0.5 U	--	--	0.5 UJ	--
DSI-03-085	--	0.5 U	--	0.5 U	**0.55**	**0.56**	--	**0.92**	**0.93**	**0.76**	--	--	0.5 U	--	--	**0.53**	--	**0.92**	**1.22**	**1.46**	--	**1.41**	**1.92**	**1.54**	--	--	**1.52**	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--
DSI-03-100	--	**1.31**	--	0.5 U	**1.12**	**1.09**	--	**1.07**	**1.58**	**0.83**	--	--	**1.29**	--	--	**3.3**	--	**4.72**	**2.99**	**3.24**	--	**2.63**	**4.19**	**2.3**	--	--	**2.2**	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--
DSI-04-085	--	1 U	5 U	0.5 U	1 U	2.5 U	--	1 U	2.5 U	2.5 U	--	--	0.5 U	--	--	1 U	5 U	**1.41**	**1.42**	2.5 U	--	**1.76**	2.5 U	2.5 U	--	--	**1.43**	--	--	1 U	5 U	0.5 U	1 U	2.5 U	--	1 U	2.5 U	2.5 U	--	--	0.5 U	--
DSI-04-100	--	1 U	5 U	0.5 U	0.5 U	**0.52**	--	0.5 U	0.5 U	0.5 U	--	--	0.5 UJ	--	--	1 U	5 U	0.5 U	**0.72**	**1.4**	--	**1.05**	0.5 U	**0.69**	--	--	0.5 UJ	--	--	1 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 UJ	--
DSI-05-040	0.5 U	25 U	1 U	5 U	100 U	5 U	2.5 U	25 U	10 U	10 U	--	100 U	5 U	--	**0.58**	25 U	1 U	5 U	100 U	5 U	2.5 U	25 U	10 U	10 U	--	100 U	5 U	--	0.5 U	25 U	1 U	5 U	100 U	5 U	2.5 U	25 U	10 U	10 U	--	100 U	5 U	--
DSI-05-085	--	10 U	5 U	2.5 U	5 U	10 U	--	10 U	5 U	10 U	--	--	**0.53**	--	--	10 U	5 U	2.5 U	5 U	10 U	--	10 U	5 U	10 U	--	--	**1.39**	--	--	10 U	5 U	2.5 U	5 U	10 U	--	10 U	5 U	10 U	--	--	0.5 U	--
DSI-05-100	--	25 U	5 U	1 U	50 U	2.5 U	--	10 U	10 U	25 U	--	--	10 U	--	--	25 U	5 U	**1.04**	50 U	2.5 U	--	10 U	10 U	25 U	--	--	10 U	--	--	25 U	5 U	1 U	50 U	2.5 U	--	10 U	10 U	25 U	--	--	10 U	--
DSI-06-040	1 U	50 U	5 U	5 U	25 U	10 U	--	25 U	25 U	25 U	--	--	100 U	25 U	1 U	50 U	5 U	5 U	25 U	10 U	--	25 U	25 U	25 U	--	--	100 U	25 U	**2.86**	50 U	5 U	5 U	25 U	10 U	--	25 U	25 U	25 U	--	--	100 U	25 U
DSI-06-055	**0.59**	5 U	2.5 U	2.5 U	2.5 U	5 U	--	2.5 U	5 U	10 U	--	--	1 U	--	**1.2**	5 U	2.5 U	2.5 U	2.5 U	5 U	--	2.5 U	5 U	10 U	--	--	1 U	--	0.5 U	5 U	2.5 U	2.5 U	2.5 U	5 U	--	2.5 U	5 U	10 U	--	--	1 U	--
DSI-06-070	0.5 U	0.5 U	1 U	2.5 U	1 U	2.5 U	--	**0.83**	2.5 U	5 U	--	--	0.5 U	--	**0.82**	0.5 U	1 U	2.5 U	**1.22**	2.5 U	--	**1.44**	2.5 U	5 U	--	--	**1.2**	--	0.5 U	0.5 U	1 U	2.5 U	1 U	2.5 U	--	0.5 U	2.5 U	5 U	--	--	0.5 U	--
DSI-06-085	0.5 U	0.5 U	5 U	0.5 U	1 U	**0.66**	--	10 U	2.5 U	5 U	--	--	0.5 U	--	0.5 U	0.5 U	5 U	**0.52**	**1**	**1.14**	--	10 U	2.5 U	5 U	--	--	**0.72**	--	0.5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	--	10 U	2.5 U	5 U	--	--	0.5 U	--
DSI-06-100	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	--	**0.71**	**0.55**	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--
SSI-03	2.5 U	1 U	**0.5**	0.5 U	**0.65**	**0.55**	--	2.5 U	1 U	2.5 U	--	--	0.5 U	--	2.5 U	1 U	**1.18**	**0.74**	**1.61**	**1.08**	--	2.5 U	**1.5**	2.5 U	--	--	0.5 U	--	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	2.5 U	1 U	2.5 U	--	--	0.5 U	--
SSI-04	**0.65**	**0.59**	0.5 U	0.5 U	1 U	**0.6**	--	**0.64**	1 U	2.5 U	--	--	25 U	--	**1.2**	**1.1**	**1.29**	**1.02**	**1.06**	**1**	--	**1.37**	**1.22**	2.5 U	--	--	25 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	2.5 U	--	--	25 U	--
SSI-05	**0.65**	1 U	0.5 U	5 U	2.5 U	2.5 U	--	25 U	2.5 U	2.5 U	--	--	2.5 U	--	**1.08**	1 U	**1.09**	5 U	2.5 U	2.5 U	--	25 U	2.5 U	2.5 U	--	--	2.5 U	--	0.5 U	1 U	0.5 U	5 U	2.5 U	2.5 U	--	25 U	2.5 U	2.5 U	--	--	2.5 U	--
SSI-07	0.5 U	10 U	0.5 U	10 U	10 U	10 U	--	25 U	**0.74**	2.5 U	--	--	50 U	--	**0.84**	10 U	**0.96**	10 U	10 U	10 U	--	25 U	**1.65**	2.5 U	--	--	50 U	--	0.5 U	10 U	0.5 U	10 U	10 U	10 U	--	25 U	0.5 U	2.5 U	--	--	50 U	--
SSI-08	0.5 U	2.5 U	2.5 U	2.5 U	5 U	10 U	--	10 U	5 U	25 U	5 U	25 U	5 U	--	0.5 U	2.5 U	2.5 U	2.5 U	5 U	10 U	--	10 U	5 U	25 U	5 U	25 U	5 U	--	0.5 U	2.5 U	2.5 U	2.5 U	5 U	10 U	--	10 U	5 U	25 U	5 U	25 U	5 U	--
SSI-09	1 U	10 U	10 U	2.5 U	50 U	10 U	--	25 U	5 U	10 U	--	--	10 U	--	1 U	10 U	10 U	2.5 U	50 U	10 U	--	25 U	5 U	10 U	--	--	10 U	--	**5.96**	10 U	10 U	2.5 U	50 U	10 U	--	25 U	5 U	10 U	--	--	10 U	--
SSI-10	1 U	5 U	1 U	5 U	5 U	10 U	--	5 U	25 U	10 U	--	10 U	10 U	25 U	1 U	5 U	**1.28**	5 U	5 U	10 U	--	5 U	25 U	10 U	--	10 U	10 U	25 U	**1.64**	5 U	1 U	5 U	5 U	10 U	--	5 U	25 U	10 U	--	10 U	10 U	25 U
SSI-11	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--
SSI-12	--	--	--	2.5 U	5 U	25 U	--	50 U	50 U	25 U	--	--	0.5 U	--	--	--	--	2.5 U	5 U	25 U	--	50 U	50 U	25 U	--	--	0.5 U	--	--	--	--	2.5 U	5 U	25 U	--	50 U	50 U	25 U	--	--	0.5 U	--
SSI-13	--	--	--	2.5 U	5 U	25 U	--	10 U	25 U	50 U	--	--	10 U	--	--	--	--	2.5 U	5 U	25 U	--	10 U	25 U	50 U	--	--	10 U	--	--	--	--	2.5 U	5 U	25 U	--	10 U	25 U	50 U	--	--	10 U	--
SSI-14	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	10 U	10 U	--	10 U	--	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	10 U	10 U	--	10 U	--	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	10 U	10 U	--	10 U	--
SSI-15	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	25 U	--	--	10 U	--	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	25 U	--	--	10 U	--	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	25 U	--	--	10 U	--
SSI-16	--	--	--	10 U	10 U	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U	--	--	--	10 U	10 U	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U	--	--	--	10 U	10 U	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U
SSI-17	--	--	--	5 U	5 U	10 U	--	5 U	10 U	10 U	--	--	10 U	--	--	--	--	5 U	5 U	10 U	--	5 U	10 U	10 U	--	--	10 U	--	--	--	--	5 U	5 U	10 U	--	5 U	10 U	10 U	--	--	10 U	--
SSI-18	--	--	--	2.5 U	5 U	10 U	--	5 U	25 U	25 U	--	0.5 U	25 U	--	--	--	--	2.5 U	5 U	10 U	--	5 U	25 U	25 U	--	**0.62**	25 U	--	--	--	--	2.5 U	5 U	10 U	--	5 U	25 U	25 U	--	0.5 U	25 U	--
SSI-19	--	--	--	5 U	5 U	10 U	--	10 U	10 U	25 U	10 U	--	25 U	--	--	--	--	5 U	5 U	10 U	--	10 U	10 U	25 U	10 U	--	25 U	--	--	--	--	5 U	5 U	10 U	--	10 U	10 U	25 U	10 U	--	25 U	--
Interim Action Wells																																									
IMW-01	5 U	--	--	--	10 U	5 U	--	--	--	--	5 U	10 U	10 U	--	5 U	--	--	--	10 U	5 U	--	--	--	--	5 U	10 U	10 U	--	--	--	--	--	10 U	5 U	--	--	--	--	5 U	10 U	10 U	--
IMW-02	10 U	--	--	--	5 U	10 U	--	--	--	--	10 U	25 U	25 U	--	10 U	--	--	--	5 U	10 U	--	--	--	--	10 U	25 U	25 U	--	10 U	--	--	--	5 U	10 U	--	--	--	--	10 U	25 U	25 U	--
IMW-03	25 U	--	--	--	25 U	5 U	--	--	--	--	5 U	10 U	5 U	--	25 U	--	--	--	25 U	5 U	--	--	--	--	5 U	10 U	5 U	--	25 U	--	--	--	25 U	5 U	--	--	--	--	5 U	10 U	5 U	--
IMW-04	25 U	--	--	--	25 U	10 U	--	--	--	--	10 U	10 U	10 U	--	25 U	--	--	--	25 U	10 U	--	--	--	--	10 U	10 U	10 U	--	25 U	--	--	--	25 U	10 U	--	--	--	--	10 U	10 U	10 U	--
IMW-05	25 U	--	--	--	25 U	10 U	--	--	--	--	50 U	50 U	50 U	5 U	25 U	--	--	--	25 U	10 U	--	--	--	--	50 U	50 U	50 U	5 U	25 U	--	--	--	25 U	10 U	--	--	--	--	50 U	50 U	50 U	5 U
IMW-05A	**0.53**	--	--	--	**0.53**	**0.83**	--	--	--	--	**0.85**	**0.83**	0.5 U	--	**0.92**	--	--	--	**1.41**	**1.44**	--	--	--	--	**1.59**	**1.63**	**1.18**	--	0.5 U	--	--	--	0.5 U	0.5 U	--	--	--	--	0.5 U	0.5 U	0.5 U	--
IMW-06	2.5 U	--	--	--	2.5 U	**1.1**	--	--	--	--	5 U	5 U	5 U	--	2.5 U	--	--	--	2.5 U	**1.85**	--	--	--	--	5 U	5 U	5 U	--	2.5 U	--	--	--	2.5 U	0.5 U	--	--	--	--	5 U	5 U	5 U	--
IMW-06A	**0.67**	--	--	--	**0.93**	1 U	--	--	--	--	**0.94**	**0.92**	**0.88**	--	**1.19**	--	--	--	**1.74**	1 U	--	--	--	--	**1.67**	**1.95**	**1.32**	--	0.5 U	--	--	--	0.5 U	1 U	--	--	--	--	0.5 U	0.5 U	0.5 U	--
IMW-07	2.5 U	--	--	--	10 U	2.5 U	--	--	--	--	2.5 U	5 U	5 U	--	2.5 U	--	--	--	10 U	2.5 U	--	--	--	--	2.5 U	5 U	5 U	--	2.5 U	--	--	--	10 U	2.5 U	--	--	--	--	2.5 U	5 U	5 U	--

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	1,1-Dichloroethene (ug/l)														1,1,1-Trichloroethane (ug/l)														1,1,2-Trichloroethane (ug/l)													
	Treatment Events														Treatment Events														Treatment Events													
	Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7		
	Sampling Events														Sampling Events														Sampling Events													
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Direct-Push E																																									
IA1-GP-01	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-02	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-03	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-04	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-05	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-06	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-07	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-08	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-09	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-10	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-11	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-12	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-13	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-14	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-15	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-16	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-17	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-18	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-19	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-20	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-21	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-22	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-23	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-24	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-25	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-26	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-27	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-01	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-02	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-03	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-04	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-05	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-06	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-07	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-08	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-09	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-10	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-11	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-12	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-13	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-14	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-15	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-16	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-17	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-18	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-19	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-20	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-21	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-22	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-23	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-24	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-25	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-26	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-27	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-28	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-29	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-30	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--

Bold items indicaBold items indicate results above detection limits.
Shaded items inc Shaded items indicate results above 10,000 ug/L.
U - result not det U - result not detected above detection limit.
J - result is estim J - result is estimated.
B - result may be B - result may be due to cross-contamination or lab contamination
Table includes on Table includes only analytes for which at least one result was above detection limits.
-- = Not sampled -- = Not sampled or analyzed.

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	1,1-Dichloroethane (ug/l)														trans-1,2-Dichloroethene (ug/l)														Bromoform (ug/l)													
	Treatment Events														Treatment Events														Treatment Events													
	Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7		
	Sampling Events														Sampling Events														Sampling Events													
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Verification W																																									
MW-02	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	--	--	--	--	--	--	--	--	--	--	10 U	--	--	10 U
MW-05	**0.7**	25 U	5 U	5 U	25 U	10 U	--	--	25 U	--	--	--	--	25 U	0.5 U	25 U	5 U	5 U	25 U	10 U	--	--	--	25 U	--	--	--	25 U	1 U	50 U	10 U	10 U	50 U	20 U	--	--	50 U	--	--	--	--	50 U
MW-05I	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	**0.75**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	--	--	--	1 U
VMW-01	**1.7**	**1.22**	**0.73**	**1.19**	**1.6**	**1.22**	--	**1.29**	**1.57**	**0.86**	--	2.5 U	**0.63**	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	**0.62**	**0.57**	0.5 U	--	2.5 U	0.5 U	--	1 U	2 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	5 U	1 U	--
VMW-02	1 U	25 U	50 U	25 U	100 U	50 U	25 U	50 U	10 U	10 U	--	50 U	50 U	25 U	1 U	25 U	50 U	25 U	100 U	50 U	25 U	50 U	10 U	10 U	--	50 U	50 U	25 U	2 U	50 U	100 U	50 U	200 U	100 U	50 U	100 U	20 U	20 U	--	100 U	100 U	50 U
VMW-03	0.5 U	0.5 U	0.5 U	0.5 U	**0.52**	**1.07**	--	**1.51**	**2.01**	**2.28**	--	**2.1**	**2**	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	1 U	1 U	--
VMW-04	**1.51**	**1.1**	**1.41**	**1.6**	**1.56**	50 U	**1.42**	10 U	**1.42**	5 U	--	2.5 U	1 U	--	0.5 U	1 U	0.5 U	0.5 U	1 U	50 U	1 U	10 U	**1.64**	5 U	--	2.5 U	1 U	--	1 U	2 U	1 U	1 U	2 U	100 U	2 U	20 U	2 U	10 U	--	5 U	2 U	--
VMW-05	**1.5**	**0.91**	**0.77**	**1.42**	**1.56**	**1.76**	--	50 U	**1.56**	**1.6**	--	**2.41**	**1.72**	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	50 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	100 U	1 U	1 U	--	1 U	1 U	--
VMW-06	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	1 U	5 U	10 U	--	5 U	50 U	10 U	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	1 U	5 U	10 U	--	5 U	50 U	10 U	1 U	5 U	2 U	1 U	2 U	1 U	--	2 U	10 U	20 U	--	10 U	100 U	20 U
VMW-07	**2.33**	**2.37**	**2.43**	**2.71**	**2.56**	**2.34**	--	**1.92**	**1.78**	**1.84**	--	**1.66**	**1.39**	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	--	1 U	1 U	1 U	1 U	1 U	2 U	--	1 U	1 U	2 U	--	1 U	1 U	--
VMW-08	1 U	50 U	25 U	25 U	25 U	100 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U	1 U	50 U	25 U	25 U	25 U	100 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U	2 U	100 U	50 U	50 U	50 U	200 U	200 U	100 U	100 U	--	50 U	100 U	100 U
VMW-09	--	--	--	50 U	500 U	500 U	250 U	250 U	50 U	250 U	--	250 U	250 U	50 U	--	--	--	50 U	500 U	500 U	250 U	250 U	50 U	250 U	--	250 U	250 U	50 U	--	--	--	100 U	1000 U	1000 U	500 U	500 U	100 U	500 U	--	500 U	500 U	100 U
VMW-10	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	50 U	--	25 U	50 U	25 U	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	50 U	--	25 U	50 U	25 U	--	--	--	50 U	50 U	50 U	100 U	200 U	100 U	100 U	--	50 U	100 U	50 U
VMW-11	--	--	--	10 U	25 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	10 U	--	--	--	10 U	25 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	10 U	--	--	--	20 U	50 U	20 U	--	20 U	50 U	50 U	--	20 U	50 U	20 U
VMW-12	--	--	--	10 U	10 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	5 U	--	--	--	10 U	10 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	5 U	--	--	--	20 U	20 U	20 U	--	20 U	50 U	50 U	--	20 U	50 U	10 U
VMW-13	--	--	--	25 U	25 U	10 U	--	10 U	25 U	25 U	--	--	25 U	--	--	--	--	25 U	25 U	10 U	--	10 U	25 U	25 U	--	--	25 U	--	--	--	--	50 U	50 U	20 U	--	20 U	50 U	50 U	--	--	50 U	--
VMW-14	--	--	--	5 U	10 U	25 U	10 U	10 U	25 U	25 U	--	10 U	25 U	--	--	--	--	5 U	10 U	25 U	10 U	10 U	25 U	25 U	--	10 U	25 U	--	--	--	--	10 U	20 U	50 U	20 U	20 U	50 U	50 U	--	20 U	50 U	--
Injection Well																																									
DSI-01-040	--	**0.67**	**1.17**	**1.63**	2.5 U	**1.16**	--	2.5 U	2.5 U	**0.79**	--	--	5 U	--	--	0.5 U	0.5 U	0.5 U	2.5 U	1 U	--	2.5 U	2.5 U	**0.96**	--	--	5 U	--	--	1 U	1 U	1 U	5 U	2 U	--	5 U	5 U	1 U	--	--	10 U	--
DSI-01-085	--	**1.07**	5 U	**1.57**	**1.77**	**1.67**	--	**2.1**	**2.42**	**2.59**	--	--	**2.96**	--	--	**0.65**	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	1 U	10 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-01-100	--	**0.68**	5 U	**4**	**2.89**	**3.41**	--	**4**	**2.95**	**2.49**	--	--	**1.82**	--	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	1 U	10 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-02-040	0.5 U	2.5 U	**1.16**	2.5 U	**1.42**	25 U	5 U	10 U	10 U	2.5 U	--	2.5 U	10 U	--	0.5 U	2.5 U	0.5 U	2.5 U	1 U	25 U	5 U	10 U	10 U	2.5 U	--	2.5 U	10 U	--	1 U	5 U	1 U	5 U	2 U	50 U	10 U	20 U	20 U	5 U	--	5 U	20 U	--
DSI-02-055	**1.66**	**1.26**	**0.82**	**1.74**	**1.94**	**1.7**	--	**1.72**	2.5 U	**1.24**	--	--	**0.91**	--	0.5 U	**1.22**	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	2.5 U	**0.69**	--	--	0.5 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	5 U	1 U	--	--	1 U	--
DSI-02-070	**2.05**	**0.71**	**0.75 J**	2.5 U	2.5 U	2.5 U	--	**1.68**	**1.64**	**1.4**	--	--	**1.07**	--	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	--	1 U	1 U	**1.64**	--	0.5 U	1 U	--	1 U	1 U	1 UJ	5 U	5 U	5 U	--	2 U	2 U	2 U	--	--	1 U	--
DSI-02-085	**1.65**	**3.11**	5 U	**2.45**	**1.79**	**1.01**	--	**1.29**	**1.51**	**1.53**	--	--	**1.92**	--	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	1 U	1 U	1 U	10 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-02-100	0.5 U	**0.62**	5 U	**0.63**	**1.25**	**1.31**	--	**1.14**	**1.2**	**1.27**	--	--	**1.02 J**	--	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1 U	0.5 U	--	--	0.5 UJ	--	1 U	1 U	10 U	**1.17**	1 U	1 U	--	1 U	2 U	1 U	--	--	1 UJ	--
DSI-03-085	--	**0.82**	--	**1.27**	**1.56**	**1.64**	--	**1.67**	**1.77**	**1.59**	--	--	**1.73**	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	1 U	--	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-03-100	--	**3.33**	--	**4.95**	**3.11**	**3.41**	--	**3.01**	**3.95**	**2.74**	--	--	**3.47**	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	1 U	--	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-04-085	--	1 U	5 U	**1.64**	**1.62**	2.5 U	--	**1.84**	2.5 U	2.5 U	--	--	**1.71**	--	--	1 U	5 U	0.5 U	1 U	2.5 U	--	1 U	2.5 U	2.5 U	--	--	0.5 U	--	--	2 U	10 U	1 U	2 U	5 U	--	2 U	5 U	5 U	--	--	1 U	--
DSI-04-100	--	1 U	5 U	0.5 U	**0.85**	**1.37**	--	**1**	**0.58**	**0.85**	--	--	0.5 UJ	--	--	1 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 UJ	--	--	2 U	10 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 UJ	--
DSI-05-040	**0.92**	25 U	1 U	5 U	100 U	5 U	2.5 U	25 U	10 U	10 U	--	100 U	5 U	--	0.5 U	25 U	1 U	5 U	100 U	5 U	2.5 U	25 U	10 U	10 U	--	100 U	5 U	--	1 U	50 U	2 U	10 U	200 U	10 U	5 U	50 U	20 U	20 U	--	200 U	10 U	--
DSI-05-085	--	10 U	5 U	2.5 U	5 U	10 U	--	10 U	5 U	10 U	--	--	**1.62**	--	--	10 U	5 U	2.5 U	5 U	10 U	--	10 U	5 U	10 U	--	--	0.5 U	--	--	20 U	10 U	5 U	10 U	20 U	--	20 U	10 U	20 U	--	--	1 U	--
DSI-05-100	--	25 U	5 U	1 U	50 U	2.5 U	--	10 U	10 U	25 U	--	--	10 U	--	--	25 U	5 U	1 U	50 U	2.5 U	--	10 U	10 U	25 U	--	--	10 U	--	--	50 U	10 U	2 U	100 U	5 U	--	20 U	20 U	50 U	--	--	20 U	--
DSI-06-040	1 U	50 U	5 U	5 U	25 U	10 U	--	25 U	25 U	25 U	--	--	100 U	25 U	1 U	50 U	5 U	5 U	25 U	10 U	--	25 U	25 U	25 U	--	--	100 U	25 U	2 U	100 U	10 U	10 U	50 U	20 U	--	50 U	50 U	50 U	--	--	200 U	50 U
DSI-06-055	**1.54**	5 U	2.5 U	2.5 U	2.5 U	5 U	--	2.5 U	5 U	10 U	--	--	1 U	--	0.5 U	5 U	2.5 U	2.5 U	2.5 U	5 U	--	2.5 U	5 U	10 U	--	--	1 U	--	1 U	10 U	5 U	5 U	5 U	10 U	--	5 U	10 U	20 U	--	--	2 U	--
DSI-06-070	**1.21**	0.5 U	1 U	2.5 U	**1.34**	2.5 U	--	**1.72**	2.5 U	5 U	--	--	**1.35**	--	0.5 U	0.5 U	1 U	2.5 U	1 U	2.5 U	--	0.5 U	2.5 U	5 U	--	--	0.5 U	--	1 U	1 U	2 U	5 U	2 U	5 U	--	1 U	5 U	10 U	--	--	1 U	--
DSI-06-085	0.5 U	0.5 U	5 U	**0.96**	**1.18**	**1.38**	--	10 U	2.5 U	5 U	--	--	**0.55**	--	0.5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	--	10 U	2.5 U	5 U	--	--	0.5 U	--	1 U	1 U	10 U	1 U	2 U	1 U	--	20 U	5 U	10 U	--	--	1 U	--
DSI-06-100	0.5 U	0.5 U	5 U	0.5 U	0.5 U	**1.02**	--	**0.95**	**0.56**	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	1 U	1 U	10 U	1 U	1 U	2 U	--	1 U	1 U	1 U	--	--	1 U	--
SSI-03	2.5 U	1 U	**1.27**	**0.99**	**1.6**	**1.21**	--	2.5 U	**1.5**	2.5 U	--	--	0.5 U	--	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	2.5 U	1 U	2.5 U	--	--	0.5 U	--	5 U	2 U	1 U	1 U	1 U	1 U	--	5 U	2 U	5 U	--	--	1 U	--
SSI-04	**1.52**	**1.38**	**1.34**	**1.3**	**1.06**	**1.14**	--	2.5 U	2.5 U	2.5 U	--	--	25 U	--	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.5 U	--	25 U	5 U	2.5 U	--	--	25 U	--	1 U	5 U	2 U	1 U	1 U	1 U	--	1 U	2 U	5 U	--	--	50 U	--
SSI-05	**1.45**	1 U	**1.28**	5 U	2.5 U	2.5 U	--	25 U	2.5 U	2.5 U	--	--	2.5 U	--	0.5 U	1 U	0.5 U	5 U	2.5 U	2.5 U	--	25 U	2.5 U	2.5 U	--	--	2.5 U	--	1 U	2 U	1 U	10 U	5 U	5 U	--	50 U	5 U	5 U	--	--	5 U	--
SSI-07	**1.28**	10 U	10 U	10 U	10 U	10 U	--	25 U	**1.69**	2.5 U	--	--	50 U	--	0.5 U	10 U	10 U	10 U	10 U	10 U	--	25 U	0.5 U	2.5 U	--	--	50 U	--	1 U	20 U	1 U	20 U	10 U	5 U	--	50 U	5 U	5 U	--	--	50 U	--
SSI-08	**0.64**	2.5 U	2.5 U	2.5 U	5 U	10 U	--	10 U	5 U	25 U	5 U	25 U	5 U	--	0.5 U	2.5 U	2.5 U	2.5 U	5 U	10 U	--	10 U	5 U	25 U	5 U	25 U	5 U	--	1 U	5 U	5 U	5 U	10 U	20 U	--	20 U	10 U	50 U	10 U	10 U	20 U	--
SSI-09	1 U	10 U	10 U	2.5 U	50 U	10 U	--	25 U	5 U	10 U	--	--	10 U	--	**2.48**	10 U	10 U	2.5 U	50 U	10 U	--	25 U	5 U	10 U	--	--	10 U	--	2 U	20 U	20 U	5 U	100 U	20 U	--	50 U	10 U	20 U	--	--	20 U	--
SSI-10	1 U	5 U	**1.48**	5 U	5 U	10 U	--	5 U	25 U	10 U	--	10 U	10 U	25 U	**2.7**	5 U	1 U	5 U	5 U	10 U	--	5 U	25 U	10 U	--	10 U	10 U	25 U	2 U	10 U	2 U	10 U	10 U	20 U	--	10 U	50 U	20 U	--	20 U	20 U	50 U
SSI-11	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--
SSI-12	--	--	--	2.5 U	5 U	25 U	--	50 U	50 U	25 U	--	--	0.5 U	--	--	--	--	2.5 U	5 U	25 U	--	50 U	50 U	25 U	--	--	0.5 U	--	--	--	--	5 U	10 U	50 U	--	100 U	100 U	50 U	--	--	1 U	--
SSI-13	--	--	--	2.5 U	5 U	25 U	--	10 U	25 U	50 U	--	--	10 U	--	--	--	--	2.5 U	5 U	25 U	--	10 U	25 U	50 U	--	--	10 U	--	--	--	--	5 U	10 U	50 U	--	20 U	50 U	100 U	--	--	20 U	--
SSI-14	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	10 U	10 U	--	10 U	--	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	10 U	10 U	--	10 U	--	--	--	--	5 U	5 U	20 U	--	20 U	50 U	20 U	20 U	--	20 U	--
SSI-15	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	25 U	--	--	10 U	--	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	25 U	--	--	10 U	--	--	--	--	5 U	5 U	20 U	--	20 U	50 U	50 U	--	--	20 U	--
SSI-16	--	--	--	10 U	10 U	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U	--	--	--	10 U	10 U	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U	--	--	--	20 U	20 U	50 U	--	50 U	50 U	50 U	--	--	50 U	50 U
SSI-17	--	--	--	5 U	5 U	10 U	--	5 U	10 U	10 U	--	--	10 U	--	--	--	--	5 U	5 U	10 U	--	5 U	10 U	10 U	--	--	10 U	--	--	--	--	10 U	10 U	20 U	--	10 U	20 U	20 U	--	--	20 U	--
SSI-18	--	--	--	2.5 U	5 U	10 U	--	5 U	25 U	25 U	--	**0.7**	25 U	--	--	--	--	2.5 U	5 U	10 U	--	5 U	25 U	25 U	--	0.5 U	25 U	--	--	--	--	5 U	10 U	20 U	--	10 U	50 U	50 U	--	1 U	50 U	--
SSI-19	--	--	--	5 U	5 U	10 U	--	10 U	10 U	25 U	10 U	--	25 U	--	--	--	--	5 U	5 U	10 U	--	10 U	10 U	25 U	10 U	--	25 U	--	--	--	--	10 U	10 U	20 U	--	20 U	20 U	50 U	20 U	--	50 U	--
Interim Actio																																									
IMW-01	5 U	--	--	--	10 U	5 U	--	--	--	--	5 U	10 U	10 U	--	5 U	--	--	--	10 U	5 U	--	--	--	--	--	5 U	10 U	10 U	--	10 U	--	--	--	20 U	10 U	--	--	--	--	10 U	20 U	20 U	--
IMW-02	10 U	--	--	--	5 U	10 U	--	--	--	--	10 U	25 U	25 U	--	10 U	--	--	--	5 U	10 U	--	--	--	--	--	10 U	25 U	25 U	--	20 U	--	--	--	10 U	20 U	--	--	--	--	20 U	50 U	50 U	--
IMW-03	25 U	--	--	--	25 U	5 U	--	--	--	--	5 U	10 U	5 U	--	25 U	--	--	--	25 U	5 U	--	--	--	--	--	5 U	10 U	5 U	--	50 U	--	--	--	50 U	10 U	--	--	--	--	10 U	20 U	10 U	--
IMW-04	25 U	--	--	--	25 U	10 U	--	--	--	--	10 U	10 U	10 U	--	25 U	--	--	--	25 U	10 U	--	--	--	--	--	10 U	10 U	10 U	--	50 U	--	--	--	50 U	20 U	--	--	--	--	20 U	20 U	20 U	--
IMW-05	25 U	--	--	--	25 U	10 U	--	--	--	--	50 U	50 U	50 U	5 U	25 U	--	--	--	25 U	10 U	--	--	--	--	--	50 U	50 U	50 U	5 U	50 U	--	--	--	50 U	20 U	--	--	--	--	100 U	100 U	100 U	10 U
IMW-05A	**1.3**	--	--	--	**1.56**	**1.73**	--	--	--	--	**1.69**	**1.83**	**1.27**	--	0.5 U	--	--	--	0.5 U	0.5 U	--	--	--	--	--	0.5 U	0.5 U	0.5 U	--	1 U	--	--	--	1 U	1 U	--	--	--	--	1 U	1 U	1 U	--
IMW-06	2.5 U	--	--	--	2.5 U	**2.1**	--	--	--	--	5 U	5 U	5 U	--	2.5 U	--	--	--	2.5 U	0.5 U	--	--	--	--	--	5 U	5 U	5 U	--	5 U	--	--	--	5 U	1 U	--	--	--	--	10 U	10 U	10 U	--
IMW-06A	**1.39**	--	--	--	**1.96**	1 U	--	--	--	--	**1.69**	**1.94**	**1.53**	--	0.5 U	--	--	--	0.5 U	1 U	--	--	--	--	--	0.5 U	0.5 U	0.5 U	--	1 U	--	--	--	1 U	2 U	--	--	--	--	1 U	1 U	1 U	--
IMW-07	2.5 U	--	--	--	10 U	2.5 U	--	--	--	--	2.5 U	5 U	5 U	--	2.5 U	--	--	--	10 U	2.5 U	--	--	--	--	--	2.5 U	5 U	5 U	--	5 U	--	--	--	20 U	5 U	--	--	--	--	5 U	10 U	10 U	--

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	1,1-Dichloroethane (ug/l)														trans-1,2-Dichloroethene (ug/l)													Bromoform (ug/l)												
	Treatment Events														Treatment Events													Treatment Events												
	Baseline	1	2	3		4		5		6	7				Baseline	1	2	3		4		5		6	7				Baseline	1	2	3		4		5		6	7		
	Sampling Events														Sampling Events														Sampling Events												
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Direct-Push E																																								
IA1-GP-01	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-02	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-03	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-04	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-05	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-06	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-07	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-08	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-09	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-10	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-11	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-12	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-13	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-14	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-15	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-16	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-17	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-18	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-19	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-20	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-21	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-22	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-23	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-24	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-25	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-26	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-27	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-01	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-02	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-03	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-04	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-05	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-06	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-07	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-08	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-09	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-10	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-11	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-12	--	--	**0.51**	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-13	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-14	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-15	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-16	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-17	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-18	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-19	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-20	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-21	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-22	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	200 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-23	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	200 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-24	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-25	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-26	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-27	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-28	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-29	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-30	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--

Bold items indicaBold items indicate results above detection limits.
Shaded items inShaded items indicate results above 10,000 ug/L.
U - result not detU - result not detected above detection limit.
J - result is estimJ - result is estimated.
B - result may beB - result may be due to cross-contamination or lab contamination
Table includes orTable includes only analytes for which at least one result was above detection limits.
-- = Not sampled-- = Not sampled or analyzed.

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Carbon tetrachloride (ug/l)														Chloroform (ug/l)														m,p-Xylene (ug/l)													
	Treatment Events														Treatment Events														Treatment Events													
	Baseline	1	2	3		4		5		6	7				Baseline	1	2	3		4		5		6	7				Baseline	1	2	3		4		5		6	7			
	Sampling Events														Sampling Events														Sampling Events													
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Verification Wells																																										
MW-02	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	10 U
MW-05	**1.21**	25 U	5 U	5 U	25 U	10 U	--	--	25 U	--	--	--	--	25 U	**0.89**	25 U	5 U	5 U	25 U	10 U	--	--	25 U	--	--	--	--	25 U	1 U	50 U	10 U	10 U	50 U	20 U	--	--	50 U	--	--	--	--	50 U
MW-05I	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	1 U	--	--	--	--	1 U
VMW-01	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	2.5 U	0.5 U	--	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	2.5 U	0.5 U	--	1 U	2 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	5 U	1 U	--
VMW-02	**4.22**	25 U	50 U	25 U	100 U	50 U	25 U	50 U	10 U	10 U	--	50 U	50 U	25 U	**3.12**	25 U	50 U	25 U	100 U	50 U	25 U	50 U	10 U	10 U	--	50 U	50 U	25 U	2 U	50 U	100 U	50 U	200 U	100 U	50 U	100 U	20 U	20 U	--	100 U	100 U	50 U
VMW-03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	1 U	1 U	--
VMW-04	0.5 U	1 U	0.5 U	0.5 U	1 U	50 U	1 U	10 U	1 U	5 U	--	2.5 U	1 U	--	0.5 U	1 U	0.5 U	0.5 U	1 U	50 U	1 U	10 U	**1.28**	5 U	--	2.5 U	1 U	--	1 U	2 U	1 U	1 U	2 U	100 U	2 U	20 U	2 U	10 U	--	5 U	2 U	--
VMW-05	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	50 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	50 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	100 U	1 U	1 U	--	1 U	1 U	--
VMW-06	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	1 U	5 U	10 U	--	5 U	50 U	10 U	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	1 U	5 U	10 U	--	5 U	50 U	10 U	1 U	5 U	2 U	1 U	2 U	1 U	--	2 U	10 U	20 U	--	10 U	100 U	20 U
VMW-07	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	--	1 U	1 U	1 U	1 U	1 U	2 U	--	1 U	1 U	2 U	--	1 U	1 U	--
VMW-08	**3.86**	50 U	25 U	25 U	25 U	100 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U	**4.38**	50 U	25 U	25 U	25 U	100 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U	2 U	100 U	50 U	50 U	50 U	200 U	200 U	100 U	100 U	--	50 U	100 U	100 U
VMW-09	--	--	--	50 U	500 U	500 U	250 U	250 U	50 U	250 U	--	250 U	250 U	50 U	--	--	--	50 U	500 U	500 U	250 U	250 U	50 U	250 U	--	250 U	250 U	50 U	--	--	--	100 U	1000 U	1000 U	500 U	500 U	100 U	500 U	--	500 U	500 U	100 U
VMW-10	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	50 U	--	25 U	50 U	25 U	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	50 U	--	25 U	50 U	25 U	--	--	--	50 U	50 U	50 U	100 U	200 U	100 U	100 U	--	50 U	100 U	50 U
VMW-11	--	--	--	10 U	25 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	10 U	--	--	--	10 U	25 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	10 U	--	--	--	20 U	50 U	20 U	--	20 U	50 U	50 U	--	20 U	50 U	20 U
VMW-12	--	--	--	10 U	10 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	5 U	--	--	--	10 U	10 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	5 U	--	--	--	20 U	20 U	20 U	--	20 U	50 U	50 U	--	20 U	50 U	10 U
VMW-13	--	--	--	25 U	25 U	10 U	--	10 U	25 U	25 U	--	--	25 U	--	--	--	--	25 U	25 U	10 U	--	10 U	25 U	25 U	--	--	25 U	--	--	--	--	50 U	50 U	20 U	--	20 U	50 U	50 U	--	--	50 U	--
VMW-14	--	--	--	5 U	10 U	25 U	10 U	10 U	25 U	25 U	--	10 U	25 U	--	--	--	--	5 U	10 U	25 U	10 U	10 U	25 U	25 U	--	10 U	25 U	--	--	--	--	10 U	20 U	50 U	20 U	20 U	50 U	50 U	--	20 U	50 U	--
Injection Wells																																									
DSI-01-040	--	0.5 U	0.5 U	0.5 U	2.5 U	1 U	--	2.5 U	2.5 U	0.5 U	--	--	5 U	--	--	0.5 U	0.5 U	2.5 U	1 U	--	2.5 U	2.5 U	0.5 U	--	--	5 U	--	--	--	1 U	1 U	1 U	5 U	2 U	--	5 U	5 U	1 U	--	--	10 U	--
DSI-01-085	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	**0.5**	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	1 U	10 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-01-100	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	**0.57**	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	1 U	10 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-02-040	**2.39**	2.5 U	0.5 U	2.5 U	1 U	25 U	5 U	10 U	10 U	2.5 U	--	2.5 U	10 U	--	**0.63**	2.5 U	0.5 U	2.5 U	1 U	25 U	5 U	10 U	10 U	2.5 U	--	2.5 U	10 U	--	1 U	5 U	1 U	5 U	2 U	50 U	10 U	20 U	20 U	5 U	--	5 U	20 U	--
DSI-02-055	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	2.5 U	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	2.5 U	0.5 U	--	--	0.5 U	--	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	5 U	1 U	--	--	1 U	--
DSI-02-070	0.5 U	0.5 U	0.5 UJ	2.5 U	2.5 U	2.5 U	--	1 U	1 U	1 U	--	--	0.5 U	--	0.5 U	0.5 U	0.5 UJ	2.5 U	2.5 U	2.5 U	--	1 U	1 U	1 U	--	--	0.5 U	--	1 U	1 U	1 UJ	5 U	5 U	5 U	--	2 U	2 U	2 U	--	--	1 U	--
DSI-02-085	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	1 U	1 U	10 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-02-100	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1 U	0.5 U	--	--	0.5 UJ	--	**0.7**	0.5 U	5 U	**0.69**	0.5 U	0.5 U	--	0.5 U	1 U	0.5 U	--	--	0.5 UJ	--	1 U	1 U	10 U	1 U	1 U	1 U	--	1 U	2 U	1 U	--	--	1 UJ	--
DSI-03-085	--	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	1 U	--	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-03-100	--	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	1 U	--	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 U	--
DSI-04-085	--	1 U	5 U	0.5 U	1 U	2.5 U	--	1 U	2.5 U	2.5 U	--	--	0.5 U	--	--	1 U	5 U	0.5 U	1 U	2.5 U	--	1 U	2.5 U	2.5 U	--	--	0.5 U	--	--	2 U	10 U	1 U	2 U	5 U	--	2 U	5 U	5 U	--	--	1 U	--
DSI-04-100	--	1 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 UJ	--	--	1 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 UJ	--	--	2 U	10 U	1 U	1 U	1 U	--	1 U	1 U	1 U	--	--	1 UJ	--
DSI-05-040	**1.35**	25 U	1 U	5 U	100 U	5 U	2.5 U	25 U	10 U	10 U	--	100 U	5 U	--	**0.52**	25 U	1 U	5 U	100 U	5 U	2.5 U	25 U	10 U	10 U	--	100 U	5 U	--	1 U	50 U	2 U	10 U	200 U	10 U	5 U	50 U	20 U	20 U	--	200 U	10 U	--
DSI-05-085	--	10 U	5 U	2.5 U	5 U	10 U	--	10 U	5 U	10 U	--	--	0.5 U	--	--	10 U	5 U	2.5 U	5 U	10 U	--	10 U	5 U	10 U	--	--	0.5 U	--	--	20 U	10 U	5 U	10 U	20 U	--	20 U	10 U	20 U	--	--	1 U	--
DSI-05-100	--	25 U	5 U	1 U	50 U	2.5 U	--	10 U	10 U	25 U	--	--	10 U	--	--	25 U	5 U	1 U	50 U	2.5 U	--	10 U	10 U	25 U	--	--	10 U	--	--	50 U	10 U	2 U	100 U	5 U	--	20 U	20 U	50 U	--	--	20 U	--
DSI-06-040	**5.12**	50 U	5 U	5 U	25 U	10 U	--	25 U	25 U	25 U	--	--	100 U	25 U	**1.64**	50 U	5 U	5 U	25 U	10 U	--	25 U	25 U	25 U	--	--	100 U	25 U	**2**	100 U	10 U	10 U	50 U	20 U	--	50 U	50 U	50 U	--	--	200 U	50 U
DSI-06-055	0.5 U	5 U	2.5 U	2.5 U	2.5 U	5 U	--	2.5 U	5 U	10 U	--	--	1 U	--	0.5 U	5 U	2.5 U	2.5 U	2.5 U	5 U	--	2.5 U	5 U	10 U	--	--	1 U	--	1 U	10 U	5 U	5 U	5 U	10 U	--	5 U	10 U	20 U	--	--	2 U	--
DSI-06-070	0.5 U	0.5 U	1 U	2.5 U	1 U	2.5 U	--	0.5 U	2.5 U	5 U	--	--	0.5 U	--	0.5 U	0.5 U	1 U	2.5 U	1 U	2.5 U	--	0.5 U	2.5 U	5 U	--	--	0.5 U	--	1 U	1 U	2 U	5 U	2 U	5 U	--	1 U	5 U	10 U	--	--	1 U	--
DSI-06-085	0.5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	--	10 U	2.5 U	5 U	--	--	0.5 U	--	0.5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	--	10 U	2.5 U	5 U	--	--	0.5 U	--	1 U	1 U	10 U	1 U	2 U	1 U	--	20 U	5 U	10 U	--	--	1 U	--
DSI-06-100	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	**1.29**	0.5 U	5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	1 U	1 U	10 U	1 U	1 U	2 U	--	1 U	1 U	1 U	--	--	1 U	--
SSI-03	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	2.5 U	1 U	2.5 U	--	--	0.5 U	--	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	2.5 U	1 U	2.5 U	--	--	**0.72**	--	5 U	2 U	1 U	1 U	1 U	1 U	--	5 U	2 U	5 U	--	--	1 U	--
SSI-04	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	--	0.5 U	1 U	2.5 U	--	--	25 U	--	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	--	0.5 U	1 U	2.5 U	--	--	25 U	--	1 U	1 U	1 U	1 U	2 U	1 U	--	1 U	2 U	5 U	--	--	50 U	--
SSI-05	0.5 U	1 U	0.5 U	5 U	2.5 U	2.5 U	--	25 U	2.5 U	2.5 U	--	--	2.5 U	--	0.5 U	1 U	0.5 U	5 U	2.5 U	2.5 U	--	25 U	2.5 U	2.5 U	--	--	2.5 U	--	1 U	2 U	1 U	10 U	5 U	5 U	--	50 U	5 U	5 U	--	--	5 U	--
SSI-07	0.5 U	10 U	0.5 U	10 U	10 U	10 U	--	25 U	0.5 U	2.5 U	--	--	50 U	--	0.5 U	10 U	0.5 U	10 U	10 U	10 U	--	25 U	0.5 U	2.5 U	--	--	50 U	--	1 U	20 U	1 U	20 U	10 U	20 U	--	50 U	10 U	50 U	10 U	50 U	10 U	--
SSI-08	0.5 U	2.5 U	2.5 U	2.5 U	5 U	10 U	--	10 U	5 U	25 U	5 U	25 U	5 U	--	**1.64**	2.5 U	2.5 U	2.5 U	5 U	10 U	--	10 U	5 U	25 U	5 U	25 U	5 U	--	1 U	5 U	5 U	5 U	10 U	20 U	--	20 U	10 U	50 U	10 U	50 U	10 U	--
SSI-09	**3.4**	10 U	10 U	2.5 U	50 U	10 U	--	25 U	5 U	10 U	--	--	10 U	--	**3.5**	10 U	10 U	2.5 U	50 U	10 U	--	25 U	5 U	10 U	--	--	10 U	--	2 U	20 U	20 U	5 U	100 U	20 U	--	50 U	10 U	20 U	--	--	20 U	--
SSI-10	1 U	5 U	1 U	5 U	5 U	10 U	--	5 U	25 U	10 U	--	10 U	10 U	25 U	**2.4**	5 U	1 U	5 U	5 U	10 U	--	5 U	25 U	10 U	--	10 U	10 U	25 U	2 U	10 U	2 U	10 U	10 U	20 U	--	10 U	50 U	20 U	--	20 U	20 U	50 U
SSI-11	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--
SSI-12	--	--	--	2.5 U	5 U	25 U	--	50 U	50 U	25 U	--	--	**0.83**	--	--	--	--	2.5 U	5 U	25 U	--	50 U	50 U	25 U	--	--	**1.42**	--	--	--	--	5 U	10 U	50 U	--	100 U	100 U	50 U	--	--	1 U	--
SSI-13	--	--	--	2.5 U	5 U	25 U	--	10 U	25 U	50 U	--	--	10 U	--	--	--	--	2.5 U	5 U	25 U	--	10 U	25 U	50 U	--	--	10 U	--	--	--	--	5 U	10 U	50 U	--	20 U	50 U	100 U	--	--	20 U	--
SSI-14	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	10 U	10 U	--	10 U	--	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	10 U	10 U	--	10 U	--	--	--	--	5 U	5 U	20 U	--	20 U	50 U	20 U	20 U	--	20 U	--
SSI-15	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	25 U	--	--	10 U	--	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	25 U	--	--	10 U	--	--	--	--	5 U	5 U	20 U	--	20 U	50 U	50 U	--	--	20 U	--
SSI-16	--	--	--	10 U	10 U	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U	--	--	--	10 U	10 U	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U	--	--	--	20 U	20 U	50 U	--	50 U	50 U	50 U	--	--	50 U	50 U
SSI-17	--	--	--	5 U	5 U	10 U	--	5 U	10 U	10 U	--	--	10 U	--	--	--	--	5 U	5 U	10 U	--	5 U	10 U	10 U	--	--	10 U	--	--	--	--	10 U	10 U	20 U	--	10 U	20 U	20 U	--	--	20 U	--
SSI-18	--	--	--	2.5 U	5 U	10 U	--	5 U	25 U	25 U	--	0.5 U	25 U	--	--	--	--	2.5 U	5 U	10 U	--	5 U	25 U	25 U	--	**0.77 B**	25 U	--	--	--	--	5 U	10 U	20 U	--	10 U	50 U	50 U	--	1 U	50 U	--
SSI-19	--	--	--	5 U	5 U	10 U	--	10 U	10 U	25 U	10 U	--	25 U	--	--	--	--	5 U	5 U	10 U	--	10 U	10 U	25 U	10 U	--	25 U	--	--	--	--	10 U	10 U	20 U	--	20 U	20 U	50 U	20 U	--	50 U	--
Interim Actions																																									
IMW-01	5 U	--	--	--	10 U	5 U	--	--	--	--	5 U	10 U	10 U	--	5 U	--	--	--	10 U	5 U	--	--	--	--	5 U	10 U	10 U	--	10 U	--	--	--	20 U	10 U	--	--	--	--	10 U	20 U	20 U	--
IMW-02	10 U	--	--	--	5 U	10 U	--	--	--	--	10 U	25 U	25 U	--	10 U	--	--	--	5 U	10 U	--	--	--	--	10 U	25 U	25 U	--	20 U	--	--	--	10 U	20 U	--	--	--	--	20 U	50 U	50 U	--
IMW-03	25 U	--	--	--	25 U	5 U	--	--	--	--	5 U	10 U	5 U	--	25 U	--	--	--	25 U	5 U	--	--	--	--	5 U	10 U	5 U	--	50 U	--	--	--	50 U	10 U	--	--	--	--	10 U	20 U	10 U	--
IMW-04	25 U	--	--	--	25 U	10 U	--	--	--	--	10 U	10 U	10 U	--	25 U	--	--	--	25 U	10 U	--	--	--	--	10 U	10 U	10 U	--	50 U	--	--	--	50 U	20 U	--	--	--	--	20 U	20 U	20 U	--
IMW-05	25 U	--	--	--	25 U	10 U	--	--	--	--	50 U	50 U	50 U	5 U	25 U	--	--	--	25 U	10 U	--	--	--	--	50 U	50 U	50 U	5 U	50 U	--	--	--	50 U	20 U	--	--	--	--	100 U	100 U	100 U	10 U
IMW-05A	0.5 U	--	--	--	0.5 U	0.5 U	--	--	--	--	0.5 U	0.5 U	0.5 U	--	0.5 U	--	--	--	0.5 U	0.5 U	--	--	--	--	0.5 U	0.5 U	0.5 U	--	1 U	--	--	--	1 U	1 U	--	--	--	--	1 U	1 U	1 U	--
IMW-06	2.5 U	--	--	--	2.5 U	0.5 U	--	--	--	--	5 U	5 U	5 U	--	2.5 U	--	--	--	2.5 U	0.5 U	--	--	--	--	5 U	5 U	5 U	--	5 U	--	--	--	5 U	1 U	--	--	--	--	10 U	10 U	10 U	--
IMW-06A	0.5 U	--	--	--	0.5 U	1 U	--	--	--	--	0.5 U	0.5 U	0.5 U	--	0.5 U	--	--	--	0.5 U	1 U	--	--	--	--	0.5 U	0.5 U	0.5 U	--	1 U	--	--	--	1 U	2 U	--	--	--	--	1 U	1 U	1 U	--
IMW-07	2.5 U	--	--	--	10 U	2.5 U	--	--	--	--	2.5 U	5 U	5 U	--	2.5 U	--	--	--	10 U	2.5 U	--	--	--	--	2.5 U	5 U	5 U	--	5 U	--	--	--	20 U	5 U	--	--	--	--	5 U	10 U	10 U	--

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Carbon tetrachloride (ug/l)														Chloroform (ug/l)													m,p-Xylene (ug/l)												
	Treatment Events														Treatment Events													Treatment Events												
	Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7	
	Sampling Events														Sampling Events													Sampling Events												
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Direct-Push E																																								
IA1-GP-01	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-02	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-03	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-04	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-05	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-06	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-07	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-08	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-09	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-10	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-11	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-12	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-13	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-14	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-15	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-16	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-17	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-18	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-19	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-20	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-21	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-22	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-23	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-24	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-25	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-26	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-27	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-01	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-02	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-03	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-04	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-05	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-06	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-07	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-08	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-09	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-10	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-11	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-12	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-13	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.64**	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-14	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-15	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-16	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-17	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-18	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-19	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-20	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-21	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-22	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	200 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-23	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	--	200 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-24	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-25	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-26	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-27	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-28	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-29	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--
IA2-GP-30	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	--

Bold items indicaBold items indicate results above detection limits.
Shaded items inclShaded items indicate results above 10,000 ug/L.
U - result not detU - result not detected above detection limit.
J - result is estimJ - result is estimated.
B - result may beB - result may be due to cross-contamination or lab contamination
Table includes onTable includes only analytes for which at least one result was above detection limits.
-- = Not sampled -- = Not sampled or analyzed.

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	o-Xylene (ug/l)														Chloride (mg/l)														Hexavalent Chromium (mg/l)													
	Treatment Events														Treatment Events														Treatment Events													
	Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7		
	Sampling Events														Sampling Events														Sampling Events													
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Verification Well																																										
MW-02	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	0.5 U	25 U	5 U	5 U	25 U	10 U	--	--	25 U	--	--	--	--	25 U	**5.46**	**6.37**	**5.5**	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
MW-05I	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	--	--	0.5 U	**2.82**	**3.09**	**2.75**	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	--	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
VMW-01	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	2.5 U	0.5 U	--	**4.93**	**4.73**	**4.96**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	--	--	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
VMW-02	1 U	25 U	50 U	25 U	100 U	50 U	25 U	50 U	10 U	10 U	--	50 U	50 U	25 U	**8.11**	**6.1**	**9**	--	--	--	--	--	--	--	--	--	--	--	0.01 U	--	--	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
VMW-03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--	**5.59**	**5.41**	**3.88**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	**0.956 J**	0.01 U	0.01 U	0.01 UJ	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
VMW-04	0.5 U	1 U	0.5 U	0.5 U	1 U	50 U	1 U	10 U	1 U	5 U	--	2.5 U	1 U	--	**5.16**	**5.12**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	--	--	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
VMW-05	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	50 U	0.5 U	0.5 U	--	0.5 U	0.5 U	--	**4.73**	**6.41**	**10.3**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.03 UJ	**0.02**	0.01 U	0.01 UJ	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
VMW-06	0.5 U	2.5 U	1 U	0.5 U	1 U	0.5 U	--	1 U	5 U	10 U	--	5 U	50 U	10 U	**3.52**	**3.32**	**4**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	**0.014 J**	0.01 UJ	**0.023**	**0.042 J**	**0.016**	--	0.01 U	0.01 UJ	--	--	--	--
VMW-07	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	--	**6.22**	**5.82**	**5.11**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	--	--	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
VMW-08	1 U	50 U	25 U	25 U	25 U	100 U	100 U	100 U	50 U	50 U	--	25 U	50 U	50 U	**31**	**11.6**	**26.8**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	**0.013 J**	0.01 UJ	0.01 U	0.01 UJ	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
VMW-09	--	--	--	50 U	500 U	500 U	250 U	250 U	50 U	250 U	--	250 U	250 U	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VMW-10	--	--	--	25 U	25 U	25 U	50 U	100 U	50 U	50 U	--	25 U	50 U	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 UJ	**0.01**	--	0.01 U	0.01 UJ	--	--	--	--
VMW-11	--	--	--	10 U	25 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	**0.0220 J**	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
VMW-12	--	--	--	10 U	10 U	10 U	--	10 U	25 U	25 U	--	10 U	25 U	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VMW-13	--	--	--	25 U	25 U	10 U	--	10 U	25 U	25 U	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VMW-14	--	--	--	5 U	10 U	25 U	10 U	10 U	25 U	25 U	--	10 U	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
Injection Well																																										
DSI-01-040	--	0.5 U	0.5 U	0.5 U	2.5 U	1 U	--	2.5 U	2.5 U	0.5 U	--	--	5 U	--	--	**4.42**	**6.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-01-085	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	**7.76**	**8.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-01-100	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	**8.91**	**10.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-02-040	0.5 U	2.5 U	0.5 U	2.5 U	1 U	25 U	5 U	10 U	10 U	2.5 U	--	2.5 U	10 U	--	**6.21**	**4.84**	**4.77**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	0.01 U	**0.025**	0.01 UJ	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
DSI-02-055	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	2.5 U	0.5 U	--	--	0.5 U	--	**5.67**	**5.08**	**5.1**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	0.01 U	0.01 U	**0.041**	0.01 UJ	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
DSI-02-070	0.5 U	0.5 U	0.5 UJ	2.5 U	2.5 U	2.5 U	--	1 U	1 U	1 U	--	--	0.5 U	--	**32.6**	**7.6**	**11.9**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--
DSI-02-085	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	**25**	**9.01**	**6.08**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	**0.036**	0.01 UJ	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
DSI-02-100	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	1 U	0.5 U	--	--	0.5 UJ	--	**9.79**	**8.77**	**7.78**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	**0.26**	**0.2 J**	**0.115**	--	**0.086**	**0.032 J**	--	--	--	--
DSI-03-085	--	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	**6.05**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-03-100	--	0.5 U	--	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	--	**8.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-04-085	--	1 U	5 U	0.5 U	1 U	2.5 U	--	1 U	2.5 U	2.5 U	--	--	0.5 U	--	--	**9.39**	**8.52**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-04-100	--	1 U	5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 UJ	--	--	**6.68**	**9.61**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-05-040	**0.67**	25 U	1 U	5 U	100 U	5 U	2.5 U	25 U	10 U	10 U	--	100 U	5 U	--	**5.54**	**9.39**	**5.06**	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	**0.012 J**	--	--	--	--	--	--	--	--	--	--
DSI-05-085	--	10 U	5 U	2.5 U	5 U	10 U	--	10 U	5 U	10 U	--	--	0.5 U	--	--	**23.9**	**12.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-05-100	--	25 U	5 U	1 U	50 U	2.5 U	--	10 U	10 U	25 U	--	--	10 U	--	--	**17.6**	**7.37**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DSI-06-040	**1.26**	50 U	5 U	5 U	25 U	10 U	--	25 U	25 U	25 U	--	--	100 U	25 U	**4.97**	**8.13**	**6.31**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--	--
DSI-06-055	0.5 U	5 U	2.5 U	2.5 U	2.5 U	5 U	--	2.5 U	5 U	10 U	--	--	1 U	--	**6.3**	**7.13**	**6.22**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--	--
DSI-06-070	0.5 U	0.5 U	1 U	2.5 U	1 U	2.5 U	--	0.5 U	2.5 U	5 U	--	--	0.5 U	--	**19.4**	**6.73**	**5.97**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--	--
DSI-06-085	0.5 U	0.5 U	5 U	0.5 U	1 U	0.5 U	--	10 U	2.5 U	5 U	--	--	0.5 U	--	**24.3**	**9.98**	**8.5**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	**0.154**	0.01 U	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
DSI-06-100	0.5 U	0.5 U	5 U	0.5 U	0.5 U	1 U	--	0.5 U	0.5 U	0.5 U	--	--	0.5 U	--	**14**	**9.29**	**10.3**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	**0.121**	**0.023**	**0.011**	--	0.01 U	0.01 UJ	--	--	--	--
SSI-03	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	--	2.5 U	1 U	2.5 U	--	--	0.5 U	--	**5.48**	**5.13**	**4.59**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	**0.01 J**	0.01 U	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
SSI-04	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	--	0.5 U	1 U	2.5 U	--	--	25 U	--	**4.69**	**4.78**	**4.04**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 U	--	--	--	--	--	--	--	--
SSI-05	0.5 U	1 U	0.5 U	5 U	2.5 U	2.5 U	--	25 U	2.5 U	2.5 U	--	--	2.5 U	--	**4.98**	**5.4**	**4.61**	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	**0.014 J**	0.01 UJ	--	0.01 UJ	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
SSI-07	0.5 U	10 U	10 U	10 U	10 U	10 U	--	25 U	0.5 U	2.5 U	--	--	50 U	--	**5.61**	**5.53**	**4.51**	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	**0.049**	**0.079 J**	0.01 U	--	**0.021**	0.01 UJ	--	--	--	--
SSI-08	0.5 U	2.5 U	2.5 U	2.5 U	5 U	10 U	--	10 U	5 U	25 U	5 U	25 U	5 U	--	**6.38**	**5.21**	**5.25**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-09	1 U	10 U	10 U	2.5 U	50 U	10 U	--	25 U	5 U	10 U	--	--	10 U	--	**6.34**	**6.2**	**7.89**	--	--	--	--	--	--	--	--	--	--	--	--	**0.014 J**	--	--	0.01 U	0.01 UJ	0.01 U	--	0.01 U	0.01 UJ	--	--	--	--
SSI-10	1 U	5 U	1 U	5 U	5 U	10 U	--	5 U	25 U	10 U	--	10 U	10 U	25 U	**5.11**	**6.05**	**4.83**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-11	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-12	--	--	--	2.5 U	5 U	25 U	--	50 U	50 U	25 U	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-13	--	--	--	2.5 U	5 U	25 U	--	10 U	25 U	50 U	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-14	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	10 U	10 U	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-15	--	--	--	2.5 U	2.5 U	10 U	--	10 U	25 U	25 U	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-16	--	--	--	10 U	10 U	25 U	--	25 U	25 U	25 U	--	--	25 U	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-17	--	--	--	5 U	5 U	10 U	--	5 U	10 U	10 U	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-18	--	--	--	2.5 U	5 U	10 U	--	5 U	25 U	25 U	--	0.5 U	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-19	--	--	--	5 U	5 U	10 U	--	10 U	10 U	25 U	10 U	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Interim Action																																										
IMW-01	5 U	--	--	--	10 U	5 U	--	--	--	--	5 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-02	10 U	--	--	--	5 U	10 U	--	--	--	--	10 U	25 U	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-03	25 U	--	--	--	25 U	5 U	--	--	--	--	5 U	10 U	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-04	25 U	--	--	--	25 U	10 U	--	--	--	--	10 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-05	25 U	--	--	--	25 U	10 U	--	--	--	--	50 U	50 U	50 U	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-05A	0.5 U	--	--	--	0.5 U	0.5 U	--	--	--	--	0.5 U	0.5 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-06	2.5 U	--	--	--	2.5 U	0.5 U	--	--	--	--	5 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-06A	0.5 U	--	--	--	0.5 U	1 U	--	--	--	--	0.5 U	0.5 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-07	2.5 U	--	--	--	10 U	2.5 U	--	--	--	--	2.5 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	o-Xylene (ug/l)														Chloride (mg/l)													Hexavalent Chromium (mg/l)												
	Treatment Events														Treatment Events													Treatment Events												
	Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7		
	Sampling Events														Sampling Events														Sampling Events												
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Direct-Push E																																									
IA1-GP-01	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-02	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-03	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-04	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-05	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.88**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-06	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-07	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.99**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-08	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**10.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-09	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.88**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.015 J**	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-10	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.01**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.03 J**	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-11	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.72**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-12	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**5.98**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-13	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	**8.84**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.054 J**	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-14	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.68**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-15	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**9.35**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.013 J**	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-16	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	**2.66**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.039 J**	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-17	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**7.94**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-18	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-19	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**7.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-20	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**5.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-21	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-22	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.72**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-23	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**3.51**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-24	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	**2.53**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-25	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.08**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-26	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-27	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-01	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	**5.08**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-02	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.95**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-03	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-04	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.96**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-05	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**57.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-06	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**9.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-07	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**12.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-08	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**9.51**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-09	--	--	2.5 U	--	--	--	--	--	--	--	--	--	--	--	--	**9.31**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-10	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**9.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-11	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**9.66**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-12	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	**11.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-13	--	--	0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	**11.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-14	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**10.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-15	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-16	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**5.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-17	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.44**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-18	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**3.32**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-19	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-20	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-21	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.01 J**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-22	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	**8.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.015 J**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-23	--	--	100 U	--	--	--	--	--	--	--	--	--	--	--	--	**5.71**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-24	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**16.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-25	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.49**	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-26	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**6.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-27	--	--	10 U	--	--	--	--	--	--	--	--	--	--	--	--	**5.07**	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 UJ	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-28	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.92**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-29	--	--	25 U	--	--	--	--	--	--	--	--	--	--	--	--	**4.49**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-30	--	--	5 U	--	--	--	--	--	--	--	--	--	--	--	**4.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Bold items indicaBold items indicate results above detection limits.
Shaded items inShaded items indicate results above 10,000 ug/L.
U - result not detU - result not detected above detection limit.
J - result is estimJ - result is estimated.
B - result may beB - result may be due to cross-contamination or lab contamination
Table includes oTable includes only analytes for which at least one result was above detection limits.
-- = Not sampled -- = Not sampled or analyzed.

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Chromium, Total (mg/l)														Iron, Total (mg/l)													
	Treatment Events														Treatment Events													
	Baseline	1	2	3		4			5			6	7		Baseline	1	2	3		4			5			6	7	
	Sampling Events														Sampling Events													
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Verification W																												
MW-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	**0.0028**	--	**0.0302**	--	--	--	--	--	--	--	--	--	--	--	**2.5**	**43.6**	**59.1**	--	--	--	--	--	--	--	--	--	--	--
MW-05i	**0.00277**	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.636**	**1.49**	**2.26**	--	--	--	--	--	--	--	--	--	--	--
VMW-01	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1 U	**6.54**	**21.7**	--	--	--	--	--	--	--	--	--	--	--
VMW-02	**0.0209**	--	--	--	--	--	--	--	--	--	--	--	--	--	**45.3**	**226**	**167**	--	--	--	--	--	--	--	--	--	--	--
VMW-03	0.001 U	**0.00309**	**0.00347**	--	--	--	--	--	--	--	--	--	--	--	0.1 U	0.2 U	**2.72**	--	--	--	--	--	--	--	--	--	--	--
VMW-04	**0.00174**	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.528**	**13**	**14.7**	--	--	--	--	--	--	--	--	--	--	--
VMW-05	0.001 U	--	**0.0227**	--	--	--	--	--	--	--	--	--	--	--	0.1 U	**50**	**73.5**	--	--	--	--	--	--	--	--	--	--	--
VMW-06	**0.00358**	--	**0.00335**	--	--	--	--	--	--	--	--	--	--	--	**1.98**	**9.36**	**1.54**	--	--	--	--	--	--	--	--	--	--	--
VMW-07	**0.00143**	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.469**	**0.77**	**1.73**	--	--	--	--	--	--	--	--	--	--	--
VMW-08	**0.00601**	--	**0.0193**	--	--	--	--	--	--	--	--	--	--	--	**9.55**	0.2 U	**36.5**	--	--	--	--	--	--	--	--	--	--	--
VMW-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VMW-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VMW-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VMW-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VMW-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VMW-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Injection Well																												
DSI-01-040	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.1**	**13.6**	--	--	--	--	--	--	--	--	--	--	--
DSI-01-085	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**20.2**	**6.4**	--	--	--	--	--	--	--	--	--	--	--
DSI-01-100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.33**	**1.3**	--	--	--	--	--	--	--	--	--	--	--
DSI-02-040	**0.0307**	--	**0.00287**	--	--	--	--	--	--	--	--	--	--	--	**67.9**	**22.7**	**13.5**	--	--	--	--	--	--	--	--	--	--	--
DSI-02-055	**0.0217**	--	**0.00345**	--	--	--	--	--	--	--	--	--	--	--	**40.8**	**26.4**	**47.2**	--	--	--	--	--	--	--	--	--	--	--
DSI-02-070	**0.0734**	--	--	--	--	--	--	--	--	--	--	--	--	--	**177**	**122**	**96**	--	--	--	--	--	--	--	--	--	--	--
DSI-02-085	**0.0407**	--	--	--	--	--	--	--	--	--	--	--	--	--	**74.4**	0.1 U	**0.875**	--	--	--	--	--	--	--	--	--	--	--
DSI-02-100	**0.0187**	--	--	--	--	--	--	--	--	--	--	--	--	--	**29.9**	**13.5**	**9.8**	--	--	--	--	--	--	--	--	--	--	--
DSI-03-085	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**48.2**	--	--	--	--	--	--	--	--	--	--	--	--
DSI-03-100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**103**	--	--	--	--	--	--	--	--	--	--	--	--
DSI-04-085	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**35.1**	**8.17**	--	--	--	--	--	--	--	--	--	--	--
DSI-04-100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**71.2**	**5.06**	--	--	--	--	--	--	--	--	--	--	--
DSI-05-040	--	--	**0.0221**	--	--	--	--	--	--	--	--	--	--	--	**167**	**131**	**45.8**	--	--	--	--	--	--	--	--	--	--	--
DSI-05-085	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**14.2**	**4.02**	--	--	--	--	--	--	--	--	--	--	--
DSI-05-100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.71**	**14.6**	--	--	--	--	--	--	--	--	--	--	--
DSI-06-040	**0.0209**	--	**0.0136**	--	--	--	--	--	--	--	--	--	--	--	**36**	**23.1**	**44.7**	--	--	--	--	--	--	--	--	--	--	--
DSI-06-055	**0.0317**	--	**0.0152**	--	--	--	--	--	--	--	--	--	--	--	**53**	**74.5**	**52.2**	--	--	--	--	--	--	--	--	--	--	--
DSI-06-070	**0.0739**	--	--	--	--	--	--	--	--	--	--	--	--	--	**161**	**133**	**115**	--	--	--	--	--	--	--	--	--	--	--
DSI-06-085	**0.0241**	--	--	--	--	--	--	--	--	--	--	--	--	--	**34.3**	**30.3**	**7.54**	--	--	--	--	--	--	--	--	--	--	--
DSI-06-100	**0.0408**	--	--	--	--	--	--	--	--	--	--	--	--	--	**53.8**	**87.2**	**6.5**	--	--	--	--	--	--	--	--	--	--	--
SSI-03	**0.00241**	--	**0.00181**	--	--	--	--	--	--	--	--	--	--	--	**2.38**	**26.4**	**8.16**	--	--	--	--	--	--	--	--	--	--	--
SSI-04	**0.00167**	--	**0.0057**	--	--	--	--	--	--	--	--	--	--	--	**0.174**	**25.6**	**5.76**	--	--	--	--	--	--	--	--	--	--	--
SSI-05	**0.00173**	--	**0.00686**	--	--	--	--	--	--	--	--	--	--	--	**0.175**	**41**	**18**	--	--	--	--	--	--	--	--	--	--	--
SSI-07	--	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**62**	**17**	**52.6**	--	--	--	--	--	--	--	--	--	--	--
SSI-08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**140**	**73.6**	**32.9**	--	--	--	--	--	--	--	--	--	--	--
SSI-09	**0.0631**	--	--	--	--	--	--	--	--	--	--	--	--	--	**126**	**27.2**	**75.4**	--	--	--	--	--	--	--	--	--	--	--
SSI-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**133**	**153**	**23.9**	--	--	--	--	--	--	--	--	--	--	--
SSI-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SSI-19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Interim Action																												
IMW-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-05A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-06A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IMW-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6-4: Interim Actions
Summary of Groundwater Interim Action Sampling Results
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Chromium, Total (mg/l)														Iron, Total (mg/l)													
	Treatment Events														Treatment Events													
	Baseline	1	2	3		4		5			6	7			Baseline	1	2	3		4		5			6	7		
	Sampling Events														Sampling Events													
	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13	Baseline	1	2	3	4	5	6	7	8	9	10	11	12	13
Direct-Push E																												
IA1-GP-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1700**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1190**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1890**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2120**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2280**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1520**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1840**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1520**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1460**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**3040**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**3300 J**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**924**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**644**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**55.2**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1780**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**816**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1380**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2450**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**3160**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1510**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1900**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2650**	--	--	--	--	--	--	--	--	--	--	--	--
IA1-GP-27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**6560**	--	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1080**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**818**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**449**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1660**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1540**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1020**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2040**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**590**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1870**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1270**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**366**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**668**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1170**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**670**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**616**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**762**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1610**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**624**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**679**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1350**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-21	--	--	**0.655**	--	--	--	--	--	--	--	--	--	--	--	--	--	**942**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-22	--	--	**0.995**	--	--	--	--	--	--	--	--	--	--	--	--	--	**782**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**878**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-24	--	--	**2.08**	--	--	--	--	--	--	--	--	--	--	--	--	--	**3320**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-25	--	--	**1.67**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1950**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-26	--	--	**0.568**	--	--	--	--	--	--	--	--	--	--	--	--	--	**462**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-27	--	--	**0.997**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1230**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**9160**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1290**	--	--	--	--	--	--	--	--	--	--	--
IA2-GP-30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1320**	--	--	--	--	--	--	--	--	--	--	--

Bold items indicaBold items indicate results above detection limits.
Shaded items inc Shaded items indicate results above 10,000 ug/L.
U - result not det U - result not detected above detection limit.
J - result is estim J - result is estimated.
B - result may be B - result may be due to cross-contamination or lab contamination
Table includes on Table includes only analytes for which at least one result was above detection limits.
-- = Not sampled -- = Not sampled or analyzed.

Table 6-5: Interim Actions
Post-Injection Interim Action Monitoring Results - Probe Boring SB Samples
Former Building 2220 Site, Port of Vancouver

Well/ Borehole Name	Sample Date	Water Sample Depth* (ft bgs)	Soil Sample Depth (ft bgs)	Tetra chloroethene		Trichloroethene		cis-1,2-Dichloroethene		1,1-Dichloroethene		1,1,1-Trichloroethane		1,1,2-Trichloroethane		1,1-Dichloroethan		trans-1,2-Dichloroethen		Bromoform		Carbon tetrachloride		Chloroform		m,p-Xylene		o-Xylene	
				water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)	water (µg/l)	soil (µg/kg)
SB1	1/30/2003	21-23	21	**460**	**333**	**57,800**	**7,770**	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	500 U	100 U	250 U	200 U	250 U	50 U	500 U	100 U	250 U	50 U
SB2	1/30/2003	21-23	21	**1,160**	**181**	**85,000**	**7,270**	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	500 U	100 U	250 U	200 U	250 U	50 U	500 U	100 U	250 U	50 U
SB3	1/30/2003	21-23	21	**830**	**246**	**57,300**	**11,900**	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	500 U	100 U	250 U	200 U	250 U	50 U	500 U	100 U	250 U	50 U
SB4	1/30/2003	21-23	21	**790**	**223**	**63,200**	**9,930**	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	250 U	50 U	500 U	100 U	250 U	200 U	250 U	50 U	500 U	100 U	250 U	50 U
SB5	8/14/2003	25-29	25	**752**	50 U	**29,500**	**114**	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	200 U	100 U	100 U	200 U	100 U	50 U	200 U	100 U	100 U	50 U
SB6	8/14/2003	25-29	24	**269**	50 U	**15,900**	**82.4**	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	100 U	50 U	200 U	50 U	50 U	100 U	100 U	50 U	50 U
SB7	8/14/2003	25-29	25	**376**	50 U	**31,200**	**348**	**256**	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	200 U	100 U	100 U	200 U	100 U	50 U	200 U	100 U	100 U	50 U
SB8	8/14/2003	25-29	24	**378**	50 U	**22,800**	**132**	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	200 U	100 U	100 U	200 U	100 U	50 U	200 U	100 U	100 U	50 U

* Water samples were collected using temporary well screens installed in the geoprobe boreholes.

Table 7-1: Geologic/ Hydrogeologic Conditions
Alluvium Unit Summary
Former Building 2220 Site, Port of Vancouver

Location	Alluvium thickness (feet)	Sub Unit Designation		
		Top	Lower	Lowest
ST-MGMS-3	53	sand2	silt 2	sand1
ST-MGMS-2	51	sand2	silt 2	np?
ST-CMT-1	47	sand2	silt 2	sand1
MW-7i	19	silt1	--	--
MW-5d	18	sand1	--	--
MW-35i	45	sand2	silt 2	sand1
MW-4d	30	silt1	--	--
MW-38i	42	silt1	sand1	--
MW-37i	52	silt1	sand1	--
MW-36i	25	silt1	sand1	--
MW-34i	41	silt1	sand1	--
MW-34i	44	silt1	sand1	--
MW-33i	56	sand2	silt 2	sand1
MW-32i	47	sand2	silt 2	sand1
MW-31i	56	sand2	silt 2	sand1
MW-30i	50	sand2	silt 2	sand1
MW-2d	27	sand1	--	--
MW-29i	34	sand2	silt 2	sand1
MW-28i	32	sand2	silt 2	np?
MW-26i	26.5	silt1	sand1	--
MW-24i	72	silt1	--	--
MW-1d	26	sand1	--	--
MW-19i	61	sand2	silt 2	sand1
MW-18i	48	sand2	silt 2	sand1
MW-17d	22	silt1	--	--
MW-16d	13	silt1	--	--
MW-15i	44	sand2	silt 2	sand1
MW-14d	41	silt1	sand1	
MW-13d	49	sand1	--	--
MW-12d	35	sand1	--	--
CM-MW-7d	13	silt1	--	--
CM-MW-5d	27	sand1	--	--
CM-MW-3d	19	sand1	--	--
CM-MW-2d	18	sand1	--	--
CM-MW-29TGA	15	silt1	--	--
CM-MW-28TGA	23	silt1	--	--
CM-MW-27TGA	22	silt1	--	--
CM-MW-21i	19	silt1	--	--
CM-MW-1d	9	sand1	--	--
CM-MW-19d	18	silt1	--	--
CM-MW-18d	18	silt1	--	--
CM-MW-10d	16	silt1	--	--

notes:
-- = not present

Table 7-2: Geologic/ Hydrogeologic Condtions
Top of Troutdale Formation Elevations
Former Building 2220 Site, Port of Vancouver

Well	Top of TF Elevation (feet msl)	Ground Elevation (feet msl)	Depth to TF (feet bgs)	Boring Depth (feet bgs)	Screened in the TF	Notes
SMC site						
MW-01d	-195	26.78	222	227	no	
MW-02d	-187	30.65	218	223	no	
MW-04d	-207	26.97	234	240	no	
MW-05d	-201	28.34	229	234	no	
MW-07i	-67	32.81	100	180	no	
MW-08i	-111	31.60	est. 143	140	no	TF not encountered
MW-12d	-183	32.58	216	224	no	
MW-13d	-228	33.19	262	268	no	
MW-14d	-194	26.51	221	226	no	
MW-15i	-90	31.28	121	220	yes	
MW-16d	-60	35.33	96	240	yes	
MW-17d	-63	29.84	93	205	yes	
MW-18i	-101	32.06	133	180	no	
MW-19i	-98	34.37	132	191	no	
MW-24i	-63	61.14	124	165	no	
MW-26i	-59	82.35	141	113	no	
MW-28i	-61	31.11	92	130	no	
MW-29i	-110	31.32	est. 141	130	no	TF not encountered
MW-30i	-132	29.82	162	187	no	
MW-31i	-68	31.65	100	167	no	
MW-32i	-65	34.49	99	141.5	no	
MW-33i	-93	31.58	125	177	no	
MW-34i	-132	32.73	165	181	no	
MW-35i	-96	34.60	131	182	no	
MW-36i	-72	35.11	107	163	no	
MW-37i	-105	34.69	140	182	no	
MW-38i	-112	44.47	156	210	no	
B-8	-194	est. 28.8	223	234	na	
B-9	-201	est. 28.9	230	234	na	
Cadet site						
CM-MW-01d	-211	est. 23.7	est. 235	228	no	TF not encountered
CM-MW-02d	-204	est. 27.2	est. 231	230	no	TF not encountered
CM-MW-03d	-194	est. 23.3	est. 230	227.8	no	
CM-MW-05d	-191	27.11	218	221	no	
CM-MW-07d	-183	43.59	227	245	no	
CM-MW-10d	-89	est. 51.4	140	230.9	yes	
CM-MW-18d	-173	25.12	198.5	202.7	no	
CM-MW-19d	-149	33.85	183	183	no	
CM-MW-21i	-68	55.46	121	123	no	
CM-MW-27TGA	-92	est. 45.0	137	240	yes	
CM-MW-28TGA	-154	est. 33.6	188	215	yes	
CM-MW-29TGA	-92	est. 46.5	138	164	yes	
POV-Ui	-52	est. 49.0	101	132	no	
STS site						
ST-CMT-1	-70	est. 35.0	105	120	yes	
ST-MGMS1	-80	est. 34.0	est. 114	116.5	no	TF encountered?
ST-MGMS2	-80	est. 34.0	est. 114	140	yes?	TF encountered?
ST-MGMS3	-81	est. 32.0	est. 113	142	yes?	TF encountered?

notes:
est. = estimated depth or elevation.

Table 7-3: Geologic/ Hydrogeologic Condtions
Monitoring Well Completion Summary with Geologic Units
Former Building 2220 Site, Port of Vancouver

Well ID	Date of Well Installation	Aquifer Monitored	USA Groundwater Zone	Geologic Unit Screened	Geologic Sub-Unit Screened	Ground Elevation (ft NGVD)	Feet - below ground surface (bgs)				Feet - mean sea level (msl)	
							Borehole Depth (ft bgs)	Well Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of Screen (ft msl)	Bottom of Screen (ft msl)
MW-16d	01-May-00	TGA	--	TF	TF	36.6	240	230	220	230	-183.4	-193.4
MW-17d	18-Feb-00	TGA	--	TF	TF	29.8	205	195	185	195	-155.2	-165.2
MW-15i	31-May-00	TGA	--	TF	TF	31.3	220	139	129.2	139.2	-97.9	-107.9
MW-13d	20-Jan-00	USA	deep	CFD	RWTF	33.2	268	262	252	262	-218.8	-228.8
MW-04d	14-Jan-99	USA	deep	CFD	RWTF	27.0	240	232	222	232	-195.0	-205.0
MW-05d	20-May-98	USA	deep	CFD	RWTF	28.3	234	227	217	227	-188.7	-198.7
MW-05dR	30-Nov-06	USA	deep	CFD	RWTF	28.4	240	226	216	226	-187.6	-197.6
MW-14d	27-Mar-00	USA	deep	CFD	RWTF	26.5	226	221	211	221	-184.5	-194.5
MW-01d	02-Apr-98	USA	deep	CFD	RWTF	26.8	227	221	211	221	-184.2	-194.2
MW-02d	03-Dec-98	USA	deep	CFD	RWTF	30.7	223	217	207	217	-176.4	-186.4
MW-12d	25-Mar-99	USA	deep	CFD	RWTF	32.6	224	216	206	216	-173.4	-183.4
MW-38i	12-Nov-04	USA	intermediate	CFD	RWTF	44.5	210	155	145	155	-100.5	-110.5
MW-08i	26-Feb-99	USA	intermediate	CFD	RWTF	31.7	140	130	120	130	-88.4	-98.4
MW-18i	30-Jun-00	USA	intermediate	CFD	Channel Fill -trace gravel	32.1	180	130	120	130	-87.9	-97.9
MW-19i	31-Aug-00	USA	intermediate	CFD	Channel Fill - 10-30% gravel	34.4	191	130	120	130	-85.6	-95.6
MW-29i	16-Mar-01	USA	intermediate	CFD	Sand & Gravel	31.3	130	125	115	125	-83.7	-93.7
MW-37i	09-Sep-04	USA	intermediate	CFD	Channel Fill	34.7	182	125	115	125	-80.3	-90.3
MW-35i	22-Oct-04	USA	intermediate	CFD	RWTF	34.6	182	122	112	122	-77.4	-87.4
MW-34i	14-Oct-04	USA	intermediate	CFD	Sand & Gravel	32.7	181	105	94.8	104.8	-62.1	-72.1
MW-05i	22-Jan-99	USA	intermediate	CFD	Channel Fill	28.3	101	100	90	100	-61.7	-71.7
MW-04i*	09-Apr-99	USA	intermediate	CFD	Channel Fill - trace gravel	28.7	140	100	90	100	-61.3	-71.3
MW-36i	28-Sep-04	USA	intermediate	CFD	Sand & Gravel	35.1	163	105	95	105	-59.9	-69.9
MW-24i	25-Apr-01	USA	intermediate	CFD	Sand & Gravel	61.1	165	123	113	123	-51.9	-61.9
MW-07i	09-Aug-00	USA	intermediate	CFD	7 ft Channel Fill/ 3 ft RWTF	32.8	180	90	80	90	-47.2	-57.2
MW-30i	03-Mar-03	USA	intermediate	CFD	Sand & Gravel	29.8	187	85	75	85	-45.2	-55.2
MW-28i	06-Apr-01	USA	intermediate	CFD	Sand & Gravel	31.1	130	85	75	85	-43.9	-53.9
MW-33i	10-Aug-04	USA	intermediate	CFD	Sand & Gravel	31.6	177	85	75	85	-43.4	-53.4
MW-31i	04-Feb-03	USA	intermediate	CFD	Sand & Gravel	31.7	167	85	75	85	-43.4	-53.4
MW-32i	23-Jul-04	USA	intermediate	CFD	Sand & Gravel	34.5	141.5	70	60	70	-25.5	-35.5
MW-26i	18-May-01	USA	intermediate	CFD	Channel Fill - 10-30% gravel	82.3	113	113	103	113	-20.7	-30.7
MW-18	03-Nov-00	USA	shallow	alluvium	Sand 1	32.0	39	38	28	38	4.0	-6.0
MW-G	04-Oct-94	USA	shallow	alluvium	Sand 1	32.2	37	37.7	27.3	37.3	4.9	-5.1
MW-25	17-Oct-00	USA	shallow	CFD	Channel Fill - trace gravel	80.3	85	85	75	85	5.3	-4.7
MW-E	05-Oct-94	USA	shallow	alluvium	Sand 1	30.8	35	34.1	23.7	33.7	7.1	-2.9
MW-F	04-Oct-94	USA	shallow	alluvium	Silt 1	34.2	37	37.3	26.9	36.9	7.3	-2.7
MW-15	10-Oct-00	USA	shallow	alluvium	5 ft Silt 1/ 5ft Sand 1	31.1	33	33	23	33	8.1	-1.9
MW-21	16-Oct-00	USA	shallow	CFD	Sand & Gravel	40.3	42	42	32	42	8.3	-1.7
MW-05	10-Oct-00	USA	shallow	alluvium	4 ft Silt 1/ 6 ft Sand 1	28.5	30.5	30	20	30	8.5	-1.5
MW-17	11-Oct-00	USA	shallow	alluvium	Sand 1	29.6	31	31	21	31	8.6	-1.4
P-04	06-Oct-00	USA	shallow	alluvium	Silt 1	29.6	31.5	31	21	31	8.6	-1.4
MW-24	17-Oct-00	USA	shallow	CFD	Sand & Gravel	60.7	62	62	52	62	8.7	-1.3
MW-20	13-Oct-00	USA	shallow	CFD	Sand & Gravel	56.4	57.5	57	47	57	9.4	-0.6
MW-11	12-Apr-99	USA	shallow	alluvium	9 ft Silt 1/ 1 ft Sand 1	25.4	27	26	16	26	9.4	-0.6
MW-28s	05-Oct-04	USA	shallow	alluvium	1ft Silt 1/ 9 ft Sand 1	29.2	30	29	19	29	10.2	0.2

Table 7-3: Geologic/ Hydrogeologic Condtions
Monitoring Well Completion Summary with Geologic Units
Former Building 2220 Site, Port of Vancouver

Well ID	Date of Well Installation	Aquifer Monitored	USA Groundwater Zone	Geologic Unit Screened	Geologic Sub-Unit Screened	Ground Elevation (ft NGVD)	Feet - below ground surface (bgs)				Feet - mean sea level (msl)	
							Borehole Depth (ft bgs)	Well Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of Screen (ft msl)	Bottom of Screen (ft msl)
P-01	05-Oct-00	USA	shallow	alluvium	8 ft Silt 1/ 2ft Sand 1	30.3	30.5	30	20	30	10.3	0.3
P-03	06-Oct-00	USA	shallow	alluvium	5 ft Silt 1/ 5ft Sand 1	30.4	30.5	30	20	30	10.4	0.4
MW-39s	07-Oct-04	USA	shallow	alluvium	Silt 1	33.4	34	33	23	33	10.4	0.4
MW-02	29-Jan-98	USA	shallow	alluvium	Sand 1	30.4	30	30	20	30	10.4	0.4
MW-19s	06-Oct-04	USA	shallow	alluvium	7 ft Silt 1/ 3 ft Sand 1	33.6	34	33	23	33	10.6	0.5
MW-06	13-Jul-98	USA	shallow	alluvium	Sand 1	29.6	31.5	29	19	29	10.6	0.6
MW-33s	04-Oct-04	USA	shallow	alluvium	4 ft Silt 1/ 6 ft Sand 1	31.8	35	31	21	31	10.8	0.8
MW-37s	06-Oct-04	USA	shallow	alluvium	Sand 1	34.9	35	34	24	34	10.9	0.9
MW-36s	05-Oct-04	USA	shallow	alluvium	Sand1	35.1	35.5	34	24	34	11.1	1.1
MW-07	13-Jul-98	USA	shallow	alluvium	2 ft Silt 1/ 8 ft Sand 1	31.2	31.5	30	20	30	11.2	1.2
MW-12	06-Oct-00	USA	shallow	alluvium	Silt 1	32.3	31.5	31	21	31	11.3	1.3
MW-23	18-Oct-00	USA	shallow	alluvium	Sand 1	46.4	45	45	35	45	11.4	1.4
MW-32s	07-Oct-04	USA	shallow	alluvium	Silt 1	34.5	34.5	33	23	33	11.5	1.5
MW-16	09-Oct-00	USA	shallow	CFD	Sand & Gravel	37.5	36	36	26	36	11.5	1.5
MW-08	13-Jul-98	USA	shallow	CFD	1 ft Sand 1/ 9 ft Sand & gravel	31.7	31.5	30	20	30	11.7	1.7
MW-01	30-Jan-98	USA	shallow	alluvium	Sand 1	26.8	25	25	15	25	11.8	1.8
MW-09	14-Jul-98	USA	shallow	CFD	Sand & Gravel	33.6	32	32	21.6	31.6	12.0	2.0
MW-04	29-Jan-98	USA	shallow	alluvium	Sand 1	27.1	25	25	15	25	12.1	2.1
MW-10	14-Jul-98	USA	shallow	CFD	3 ft Sand 1/ 7 ft Sand & Gravel	33.1	31.5	31.5	21	31	12.1	2.1
MW-35s	04-Oct-04	USA	shallow	alluvium	8 ft Silt 1/ 2ft Sand 1	34.6	33	32.5	22.5	32.5	12.1	2.1
P-02	05-Oct-00	USA	shallow	alluvium	Sand 2	33.1	30.5	30	20	30	13.1	3.1
MW-03	29-Jan-98	USA	shallow	alluvium	Sand 1	27.2	27	23	13	23	14.2	4.2
MW-13	10-Oct-00	USA	shallow	alluvium	4ft Sand 2/ 5 ft Silt 1/ 1 ft Sand 1	35.7	30	29	19	29	16.7	6.7
MW-22**	13-Oct-00	USA	shallow	**	**	35.4	20	16	6	16	29.4	19.4

Notes:

NGVD - National Geodetic Vertical Datum

bgs - below ground surface

ft - feet, in - inch

* - MW-04i was repaired and raised about 13" on 2/20/03 and resurveyed on 4/23/03.

** - MW-22 was abandoned in June 2002

CFD - catastrophic flood deposits

RWTF - re-worked Troutdale Formation material.

TF - Troutdale Formation

Table 7-4: Geologic/ Hydrogeologic Condtions
Tidal Efficiency
Former Building 2220 Site, Port of Vancouver

Easting	Northing	Location	Average	Standard Dev.	Tidal Efficiency
1084375	112632	River	4.008	0.978	
1082098	118143	MW-26i	3.848	0.122	12%
1076875	118876	MW-32i	3.839	0.386	40%
1080186	118217	MW-36i	3.771	0.162	17%
1079449	119388	MW-07i	3.790	0.155	16%
1079207	121201	CM-MW-19i	3.825	0.188	19%
1078512	118285	MW-34i	3.784	0.355	36%
1077318	120173	MW-13d	3.836	0.276	28%
1080161	117243	MW-35i	3.786	0.183	19%
1078511	121800	CM-MW-18i	3.858	0.141	14%
1079958	116550	MW-19i	3.733	0.223	23%
1081305	120171	CM-MW-21i	3.659	0.141	14%
1078711	120170	CM-MW-05i	3.794	0.245	25%
1069276	124055	Alcoa Well 16	3.859	0.203	21%
1091534	118265	COV WS-1 Well 8	3.932	0.458	NA
1078336	123778	Firestone South	3.919	0.148	15%
1088698	114266	Fort Vancouver	4.532	0.046	5%
1078861	128732	South Lake TW-4	4.029	0.138	14%
1075260	125400	Van_ Lake (TW-2s)	3.879	0.146	15%
1066855	132989	WSTW-2	3.969	0.232	24%
1069833	141012	WSTW-4	3.872	0.088	9%
1078056	132145	Vancouver Lake	3.770	0.179	18%

Table 7-5: Geologic/ Hydrogeologic Condtions
Transducer Water Elevation Data - Rolling & Straight Averages
Former Building 2220 Site, Port of Vancouver

Location	Event 1				Event 2				Event 3				Event 4				Event 5			
	Rolling Average (RA)	Straight Average (SA)	RA - SA	RA - River RA	Rolling Average (RA)	Straight Average (SA)	RA - SA	RA - River RA	Rolling Average (RA)	Straight Average (SA)	RA - SA	RA - River RA	Rolling Average (RA)	Straight Average (SA)	RA - SA	RA - River RA	Rolling Average (RA)	Straight Average (SA)	RA - SA	RA - River RA
River (I-5)	3.78	3.74	0.035		3.44	3.66	-0.223		7.34	7.42	-0.085		8.81	8.67	0.143		6.92	6.88	0.039	
Van Lake	3.56	3.54	0.014	-0.22	3.36	3.41	-0.044	-0.08	6.68	6.77	-0.089	-0.66	8.01	7.92	0.089	-0.80	6.27	6.25	0.021	-0.65
MW-26i	3.65	3.67	-0.013	-0.12	3.56	3.60	-0.046	0.12	7.16	7.21	-0.047	-0.17	8.10	8.05	0.056	-0.71	6.87	6.87	-0.002	-0.05
MW-32i	3.61	3.60	0.012	-0.16	3.40	3.52	-0.126	-0.04	7.19	7.27	-0.078	-0.14	8.47	8.36	0.108	-0.35	6.85	6.83	0.018	-0.07
MW-36i	3.54	3.55	-0.007	-0.23	3.39	3.46	-0.074	-0.05	7.11	7.18	-0.064	-0.22	8.23	8.16	0.071	-0.58	6.79	6.78	0.004	-0.14
MW-07i	3.56	3.57	-0.004	-0.21	3.41	3.49	-0.072	-0.03	7.14	7.21	-0.067	-0.19	8.27	8.20	0.072	-0.54	6.81	6.81	0.002	-0.11
CM-MW-19i	3.62	3.61	0.002	-0.16	3.45	3.53	-0.088	0.01	7.19	7.26	-0.072	-0.14	8.38	8.29	0.091	-0.43	6.86	6.85	0.007	-0.06
MW-34i	3.55	3.54	0.011	-0.22	3.34	3.46	-0.124	-0.10	7.12	7.20	-0.080	-0.21	8.40	8.30	0.107	-0.41	6.78	6.76	0.017	-0.14
MW-13d	3.63	3.62	0.007	-0.15	3.43	3.54	-0.110	-0.01	7.19	7.27	-0.077	-0.15	8.41	8.31	0.095	-0.41	6.86	6.85	0.012	-0.06
MW-35i	3.54	3.54	-0.006	-0.24	3.39	3.47	-0.081	-0.05	7.12	7.18	-0.066	-0.22	8.26	8.18	0.075	-0.56	6.78	6.78	0.006	-0.14
CM-MW-18i	3.67	3.68	-0.001	-0.10	3.52	3.59	-0.068	0.08	7.25	7.31	-0.064	-0.09	8.36	8.28	0.077	-0.46	6.94	6.94	0.004	0.02
MW-19i	3.47	3.48	-0.010	-0.30	3.30	3.39	-0.089	-0.14	7.04	7.11	-0.068	-0.30	8.21	8.13	0.078	-0.61	6.70	6.69	0.008	-0.22
CM-MW-21i	3.45	3.46	-0.009	-0.33	3.28	3.35	-0.061	-0.16	6.94	7.00	-0.059	-0.39	No Record	No Record			No Record	No Record		
CM-MW-05i	3.57	3.56	0.006	-0.20	3.42	3.52	-0.099	-0.02	7.19	7.27	-0.073	-0.14	8.41	8.32	0.093	-0.40	6.87	6.85	0.011	-0.06
Alcoa well 16	3.71	3.70	0.006	-0.07	3.54	3.62	-0.078	0.10	7.23	7.29	-0.057	-0.11	8.30	8.24	0.068	-0.51	6.93	6.92	0.006	0.01
COV WS-1 well 8	3.83	3.86	-0.031	0.06	3.59	3.64	-0.053	0.15	6.61	6.48	0.134	-0.73	6.69	6.60	0.089	-2.12	6.26	6.38	-0.115	-0.66
Firestone South	3.75	3.75	0.000	-0.02	3.62	3.68	-0.060	0.18	No Record	No Record			No Record	No Record			No Record	No Record		
Fort Vancouver	4.47	4.48	-0.006	0.70	4.43	4.44	-0.014	0.99	No Record	No Record			No Record	No Record			No Record	No Record		
TW-4	3.88	3.88	0.002	0.11	3.77	3.82	-0.054	0.33	7.39	7.45	-0.054	0.06	8.38	8.32	0.058	-0.43	7.09	7.09	0.001	0.17
TW-2s	3.73	3.72	0.002	-0.05	3.61	3.66	-0.059	0.17	7.23	7.29	-0.059	-0.10	8.27	8.21	0.061	-0.55	6.97	6.97	0.002	0.05
WSTW-2	3.81	3.80	0.012	0.03	3.63	3.72	-0.089	0.19	7.19	7.27	-0.071	-0.14	8.30	8.23	0.076	-0.51	6.95	6.94	0.010	0.03
WSTW-4	3.75	3.75	0.004	-0.02	3.68	3.72	-0.040	0.24	7.07	7.12	-0.050	-0.26	8.03	7.97	0.056	-0.79	6.89	6.88	0.004	-0.04

Event	Event Period Description
1	72 hour period:10/18/06 15:30 through 10/21/06 15:30. Low river stage; fairly stable trend.
2	72 hour period: 10/28/06 21:00 through 10/31/06 21:00. Low river stage: farily stable trend.
3	72 hour period: 11/19/06 15:30 through 11/22/06 15:30. High river stage; slight rising trend.
4	72 hour period: 11/25/06 15:30 through 11/28/06 15:30. High river stage; slight declining trend.
5	72 hour period: 12/04/06 8:00 through 12/07/06 8:00. High river stage; fairly stable trend.

Notes:
Record for Firestone South and Fort Vancouver ends 11/20 and 11/21, respectively.
Record for CM-MW-21i ends 11/27.

Table 9-1: Stable Isotope Evaluation
Compound Specific Isotope Analysis
Former Building 2220 Site, Port of Vancouver

Site Name[1]	Well ID	Sample Date	POV Data[2]			Cadet Data[3]			Comments
			δ^{13}C-PCE (‰)	δ^{13}C-TCE (‰)	δ^{13}C-DCE (‰)	δ^{13}C-PCE (‰)	δ^{13}C-TCE (‰)	δ^{13}C-TCA (‰)	
POV	MW-01d	1/23/2002	NS	NS	NS	-31.1	-26.6	-20.5	
POV	MW-02	1/25/2002	NS	NS	NS	-30.3	-22.6	BQL	
POV	MW-02	10/8/2004	BQL	-22.3	BQL	NR	NR	NR	
POV	MW-02	3/3/2005	-28.0	-22.2	BQL	-28.5	-21.4	NR	
POV	MW-05	1/25/2002	NS	NS	NS	-30.1	-22.6	BQL	
POV	MW-05	8/25/2004	-29.5	-[4]	-27.7	NR	NR	NR	reanalyzed (2nd and 3rd result)
POV			-30.9	-23.4	BQL				
POV			BQL	-22.8	BQL				
POV	MW-05	3/3/2005	-30.0	-22.7	BQL	-29.8	-21.9	NR	
POV	MW-05d	1/25/2002	NS	NS	NS	-30.4	-23.5	-19.2	
POV	MW-05d	1/25/2002	NS	NS	NS	-30.5	-23.3	-19.2	duplicate
POV	MW-05d	8/25/2004	-28.0	-22.9	BQL	NR	NR	NR	
POV	MW-05d	8/25/2004	-28.1	-23.1	-26.8	NR	NR	NR	duplicate
POV	MW-06	1/23/2002	NS	NS	NS	-30.7	-22.7	BQL	
POV	MW-07	1/24/2002	NS	NS	NS	-30.2	-22.6	BQL	
POV	MW-07i	1/24/2002	NS	NS	NS	-30.2	-22.6	BQL	
POV	MW-07i	10/8/2004	BQL	-22.3	-27.1	NR	NR	NR	
POV	MW-08	1/23/2002	NS	NS	NS	-30.1	-25.1	BQL	
POV	MW-10	1/24/2002	NS	NS	NS	-30.2	-23.0	BQL	
POV	MW-10	10/8/2004	BQL	-22.3	BQL	NR	NR	NR	
POV	MW-12d	1/23/2002	NS	NS	NS	-31.0	-26.3	-18.8	
POV	MW-14d	1/23/2002	NS	NS	NS	-31.1	-26.0	-19.5	
POV	MW-15i	1/24/2002	NS	NS	NS	BQL	-21.0	BQL	
POV	MW-16	1/24/2002	NS	NS	NS	-30.3	-22.6	BQL	
POV	MW-16	10/8/2004	BQL	-23.1	BQL	NR	NR	NR	
POV	MW-18	1/25/2002	NS	NS	NS	-29.5	-25.7	BQL	
POV	MW-18	8/25/2004	BQL	BQL	BQL	NR	NR	NR	
POV	MW-18i	1/25/2002	NS	NS	NS	-29.3	-24.9	BQL	
POV	MW-18i	8/25/2004	BQL	-25.3	BQL	-28.9	-25.0	BQL	
POV	MW-18i	3/3/2005	BQL	BQL	BQL	-28.9	-25.1	NR	
POV	MW-19	3/2/2005	BQL	BQL	BQL	BQL	-24.2	NR	
POV	MW-19i	1/29/2002	NS	NS	NS	-29.2	-23.5	BQL	
POV	MW-20	8/25/2004	-[5]	-24.9	BQL	NR	NR	NR	
POV	MW-20	8/25/2004	-24.9	-25.3	BQL	NR	NR	NR	duplicate
POV	MW-21	1/24/2002	NS	NS	NS	-28.5	-23.3	-26.6	
POV	MW-21	10/8/2004	BQL	-22.8	BQL	NR	NR	NR	
POV	MW-23	1/25/2002	NS	NS	NS	BQL	-26.8	-26.7	
POV	MW-25	8/25/2004	BQL	BQL	BQL	NR	NR	NR	
POV	MW-28i	8/25/2004	-28.2	-24.5	-30.0	-29.0	-24.8	BQL	
POV	MW-30i	8/25/2004	-30.8	-24.5	-25.2	-30.2	-25.3	BQL	
POV	MW-31i	8/25/2004	-29.0	-23.8	-28.7	-30.4	-25.5	BQL	
POV	MW-31i	5/23/2005	-31.9	-26.9	-30.6	-29.6	24.3	NR	
POV	MW-32i	8/25/2004	-29.4	-24.3	-28.4	-29.9	-25.2	-16.8	
POV	MW-33i	8/24/2004	-29.2	-24.1	-30.3	-30.4	-26.0	BQL	
POV	MW-33i	5/23/2005	-31.4	-25.8	-27.2	-29.5	-24.5	NR	reanalyzed (2nd result)

Table 9-1: Stable Isotope Evaluation
Compound Specific Isotope Analysis
Former Building 2220 Site, Port of Vancouver

Site Name[1]	Well ID	Sample Date	POV Data[2]			Cadet Data[3]			Comments
			δ^{13}C-PCE (‰)	δ^{13}C-TCE (‰)	δ^{13}C-DCE (‰)	δ^{13}C-PCE (‰)	δ^{13}C-TCE (‰)	δ^{13}C-TCA (‰)	
POV	MW-33i	5/23/2005	-31.4	-26.0	-26.7				reanalyzed (2nd result)
POV	MW-34i	3/2/2005	BQL	BQL	BQL	-27.7	-21.9	NR	
POV	MW-35i	3/3/2005	BQL	-24.5	BQL	-27.9	-24.8	NR	
POV	MW-36i	3/3/2005	-26.0	-20.2	BQL	-27.0	-25.6	NR	
POV	MW-36i	5/23/2005	BQL	-26.6	-30.9	-27.5	-25.0	NR	reanalyzed (2nd and 3rd results)
POV			BQL	-27.4	-32.2				
POV			-29.5	-27.1	-28.8				
POV	MW-37i	3/3/2005	BQL	-24.9	BQL	BQL	-20.6	NR	
POV	MW-37i	5/23/2005	BQL	-23.5	BQL	BQL	-20.7	NR	
POV	MW-37i	7/11/2005	BQL	-24.2	BQL	NR	NR	NR	reanalyzed (2nd result)
POV			BQL	-23.8	BQL				
POV	MW-38i	3/3/2005	BQL	-17.6	BQL	-29.3	-24.8	NR	
Cadet	CM-DPW-01	1/30/2001	NS	NS	NS	-25.1	-27.2	-29.9	
Cadet	CM-DPW-01	10/1/2004	-26.0	-27.7	BQL	-25.7	-26.9	-28.9	
Cadet	CM-DPW-03	1/31/2002	NS	NS	NS	-24.7	-26.1	-28.9	
Cadet	CM-DPW-06	1/30/2002	NS	NS	NS	-25.1	-26.6	-29.0	
Cadet	CM-DPW-16	10/1/2004	-25.1	-25.8	BQL	NR	NR	NR	
Cadet	CM-DPW-16	10/1/2004	-24.7	-25.9	BQL	NR	NR	NR	duplicate
Cadet	CM-MW-01d-040	10/1/2004	-23.8	-26.0	-22.1	NR	NR	NR	
Cadet	CM-MW-01d-224	1/30/2002	NS	NS	NS	-31.0	-26.6	-20.1	
Cadet	CM-MW-01d-224	8/23/2004	BQL	-26.3	-27.8	NR	NR	NR	
Cadet	CM-MW-01i	2/4/2002	NS	NS	NS	-29.0	-25.7	BQL	
Cadet	CM-MW-01s	1/30/2002	NS	NS	NS	-29.6	-25.6	BQL	
Cadet	CM-MW-02d	2/4/2002	NS	NS	NS	-31.6	-26.6	-19.9	
Cadet	CM-MW-03s	1/30/2002	NS	NS	NS	-24.8	-25.9	-27.0	
Cadet	CM-MW-04i	1/29/2002	NS	NS	NS	BQL	-24.2	-19.9	
Cadet	CM-MW-04s	1/29/2002	NS	NS	NS	-26.6	-26.5	-26.3	
Cadet	CM-MW-05d	1/29/2002	NS	NS	NS	-31.5	-26.7	-19.5	
Cadet	CM-MW-05i	1/29/2002	NS	NS	NS	-30.8	-25.9	-20.7	
Cadet	CM-MW-05s	1/29/2002	NS	NS	NS	-25.4	-26.9	-29.9	
Cadet	CM-MW-05s	10/1/2004	-25.5	-27.1	BQL	NR	NR	NR	
Cadet	CM-MW-06s	1/30/2002	NS	NS	NS	-25.1	-26.5	-28.7	
Cadet	CM-MW-06s	1/30/2002	NS	NS	NS	-24.8	-26.7	-28.9	duplicate
Cadet	CM-MW-07s	1/30/2002	NS	NS	NS	-25.2	-26.5	-29.5	
Cadet	CM-MW-07s	8/24/2004	NA	NA	NA	-26.4	-26.7	-27.2	
Cadet	CM-MW-08s	2/4/2002	NS	NS	NS	-25.4	-26.4	-28.7	
Cadet	CM-MW-08s	8/23/2004	BQL	-24.9	BQL	NR	NR	NR	
Cadet	CM-MW-10s	2/4/2002	NS	NS	NS	-29.8	-26.2	BQL	
Cadet	CM-MW-18d	8/23/2004	BQL	BQL	BQL	NR	NR	NR	
Cadet	CM-MW-18i	8/23/2004	BQL	BQL	BQL	NR	NR	NR	
Cadet	CM-MW-18s	8/23/2004	BQL	BQL	BQL	NR	NR	NR	
Cadet	CM-MW-19d	8/24/2004	BQL	BQL	BQL	BQL	BQL	BQL	
Cadet	CM-MW-19i	8/24/2004	BQL	BQL	BQL	-29.7	-25.3	BQL	
Cadet	CM-MW-19s	8/24/2004	BQL	BQL	BQL	-30.5	-26.6	BQL	
Cadet	CM-MW-23i	8/24/2004	-30.2	-26.4	-31.5	NR	NR	NR	

Table 9-1: Stable Isotope Evaluation
Compound Specific Isotope Analysis
Former Building 2220 Site, Port of Vancouver

Site Name[1]	Well ID	Sample Date	POV Data[2]			Cadet Data[3]			Comments
			δ^{13}C-PCE (‰)	δ^{13}C-TCE (‰)	δ^{13}C-DCE (‰)	δ^{13}C-PCE (‰)	δ^{13}C-TCE (‰)	δ^{13}C-TCA (‰)	
Cadet	CM-MW-23i	8/24/2004	-30.7	-27.2	-32.4	NR	NR	NR	duplicate
Cadet	CM-MW-23s	8/24/2004	BQL	BQL	BQL	NR	NR	NR	
Cadet	CM-MW-24i	8/23/2004	BQL	BQL	BQL	NR	NR	NR	
Cadet	CM-MW-24s	8/23/2004	BQL	BQL	BQL	NR	NR	NR	
STS	ST-MW-01	11/2/2004	-32.8	-26.2	-26.7	-32.9	-27.0	-15.1	
STS	ST-MW-08	11/2/2004	BQL	BQL	BQL	-30.5	-20.0	BQL	
STS	ST-MW-10	11/2/2004	BQL	BQL	BQL	NR	NR	NR	
STS	ST-MW-15	11/2/2004	BQL	BQL	BQL	-26.9	BQL	BQL	
STS	ST-MW-16	11/3/2004	-31.2	-25.8	BQL	-31.8	-26.5	-22.6	
STS	ST-MW-18i	11/2/2004	-29.1	-24.6	-27.0	-30.5	-25.2	BQL	
Carborundum	MW-E	11/3/2004	-29.6	-25.6	-29.6	-30.0	-26.4	BQL	
Carborundum	MW-G	11/3/2004	BQL	-23.5	-22.2	-27.5	-24.4	BQL	

Notes:

1 POV: Port of Vancouver. STS: STS/Valero.

2 Analyzed at Center fo Isotope Geochemistry, Lawrence Berkeley National Laboratory

3 Analyzed at Univerity of Oklahoma

4 High background. Sample reanalyzed.

5 Peak cut off by reference gas peak.

NS - not sampled

NA - not analyzed

NR - not reported

BQL - concentration too low for analysis

Table 9-2: Stable Isotope Evaluation
Oxygen and Hydrogen Stable Isotope Data
Former Building 2220 Site, Port of Vancouver

Site Name[1]	Well ID	Sample Date	$\delta^{18}O$ (‰)	δD (‰)	Laboratory[3]
POV	MW-01	11/1/2005	-9.4	-68	UCB
POV	MW-01d	1/30/2002	-14.8	-112	UVA
POV	MW-02	1/25/2002	-13.1	-102	UVA
POV	MW-02d	11/1/2005	-10.7	-72	UCB
POV	MW-04	11/1/2005	-9.3	-66	UCB
POV	MW-04i	11/1/2005	-13.9	-102	UCB
POV	MW-05	1/25/2002	-11.2	-87	UVA
POV	MW-05	11/1/2005	-11.0	-80	UCB
POV	MW-05d	1/25/2002	-14.8	-112	UVA
POV	MW-05i	11/1/2005	-13.5	-98	UCB
POV	MW-06	1/23/2002	-10.3	-81	UVA
POV	MW-06 (dup)	1/24/2002	-9.8	-82	UVA
POV	MW-07	1/24/2002	-13.3	-102	UVA
POV	MW-07i	1/24/2002	-13.5	-104	UVA
POV	MW-08	1/23/2002	-11.4	-100	UVA
POV	MW-08	1/24/2002	-12.1	-99	UVA
POV	MW-10	1/24/2002	-12.3	-103	UVA
POV	MW-11	11/1/2005	-10.2	-74	UCB
POV	MW-12	1/29/2002	-9.7	-78	UVA
POV	MW-12d	1/23/2002	-14.4	-106	UVA
POV	MW-13d	11/1/2005	-10.9	-76	UCB
POV	MW-14d	1/23/2002	-15.1	-127	UVA
POV	MW-15	11/1/2005	-12.9	-94	UCB
POV	MW-15i	1/24/2002	-15.4	-116	UVA
POV	MW-16	1/24/2002	-11.0	-92	UVA
POV	MW-16d	11/1/2005	-10.2	-73	UCB
POV	MW-17	11/1/2005	-8.0	-60	UCB
POV	MW-17d	11/1/2005	-10.4	-73	UCB
POV	MW-18	1/25/2002	-9.1	-75	UVA
POV	MW-18	11/1/2005	-9.9	-68	UCB
POV	MW-18i	1/25/2002	-10.3	-86	UVA
POV	MW-19i	1/29/2002	-14.7	-104	UVA
POV	MW-19s	11/1/2005	-9.7	-72	UCB
POV	MW-20	1/29/2002	-10.5	-89	UVA
POV	MW-21	1/24/2002	-10.7	-83	UVA
POV	MW-23	1/25/2002	-9.6	-84	UVA
POV	MW-24i	11/1/2005	-9.9	-69	UCB
POV	MW-25	11/1/2005	-10.3	-72	UCB
POV	MW-26i	11/1/2005	-10.0	-71	UCB
POV	MW-28i	3/27/2002	-13.4	-105	UVA
POV	MW-28i	11/1/2005	-13.5	-102	UCB
POV	MW-28s	11/1/2005	-9.3	-68	UCB
POV	MW-29i	11/1/2005	-16.3	-121	UCB
POV	MW-30i	11/1/2005	-15.0	-111	UCB
POV	MW-31i	11/1/2005	-15.4	-113	UCB
POV	MW-32i	11/1/2005	-15.4	-115	UCB

Table 9-2: Stable Isotope Evaluation
Oxygen and Hydrogen Stable Isotope Data
Former Building 2220 Site, Port of Vancouver

Site Name[1]	Well ID	Sample Date	$\delta^{18}O$ (‰)	δD (‰)	Laboratory[3]
POV	MW-32s	11/1/2005	-9.2	-65	UCB
POV	MW-33i	11/1/2005	-14.6	-108	UCB
POV	MW-34i	11/1/2005	-15.7	-115	UCB
POV	MW-35i	11/1/2005	-11.5	-84	UCB
POV	MW-36i	11/1/2005	-12.2	-89	UCB
POV	MW-37i	11/1/2005	-11.9	-84	UCB
POV	MW-37s	11/1/2005	-10.3	-73	UCB
POV	MW-38i	11/1/2005	-12.1	-87	UCB
POV	MW-39s	11/1/2005	-9.7	-71	UCB
Cadet	CM-MW-01d	1/30/2002	-14.0	-109	UVA
Cadet	CM-MW-01s	1/30/2002	-11.2	-84	UVA
Cadet	CM-MW-02s	1/30/2002	-14.2	-108	UVA
Cadet	CM-MW-03s	1/31/2002	-10.3	-80	UVA
Cadet	CM-MW-04i	1/29/2002	-13.3	-102	UVA
Cadet	CM-MW-04s	1/29/2002	-13.5	-106	UVA
Cadet	CM-MW-05d	1/30/2002	-14.8	-110	UVA
Cadet	CM-MW-05i	1/29/2002	-15.0	-99	UVA
Cadet	CM-MW-05s	1/29/2002	-13.1	-86	UVA
Cadet	CM-MW-06s	1/29/2002	-12.3	-96	UVA
Cadet	CM-MW-06s (dup)	1/29/2002	-12.2	-92	UVA
Cadet	CM-MW-07s	1/30/2002	-12.8	-100	UVA
Cadet	CM-MW-10d	2/4/2002	-10.1	-91	UVA
Cadet	CM-MW-18d	11/18/2004	-14.6	-112	LBNL
Cadet	CM-MW-18d	12/15/2004	-14.6	NA	LBNL
Cadet	CM-MW-18i	11/18/2004	-10.4	-73	LBNL
Cadet	CM-MW-18s	11/18/2004	-10.1	-68	LBNL
Cadet	CM-MW-18s (dup)	11/18/2004	-10.1	-73	LBNL
Cadet	CM-MW-28TGA	11/18/2004	-10.5	-75	LBNL
Cadet	CM-MW-28TGA	12/15/2004	-10.3	NA	LBNL
STS	ST-MGMS-1-110	11/1/2005	-12.4	-88	UCB
STS	ST-MGMS-1-43	11/1/2005	-14.2	-104	UCB
STS	ST-MGMS-1-60	11/1/2005	-16.3	-120	UCB
STS	ST-MGMS-2-110	11/1/2005	-16.3	-122	UCB
STS	ST-MGMS-2-132	11/1/2005	-14.7	-109	UCB
STS	ST-MGMS-2-40	11/1/2005	-10.7	-75	UCB
STS	ST-MGMS-2-60	11/1/2005	-13.7	-101	UCB
STS	ST-MGMS-3-101	11/1/2005	-16.2	-121	UCB
STS	ST-MGMS-3-132	11/1/2005	-13.4	-100	UCB
STS	ST-MGMS-3-40	11/1/2005	-10.8	-75	UCB
STS	ST-MGMS-3-60	11/1/2005	-15.6	-114	UCB
STS	ST-MW-1	11/1/2005	-10.6	-77	UCB
STS	ST-MW-10	11/1/2005	-10.4	-73	UCB
STS	ST-MW-16	11/1/2005	-9.2	-66	UCB
STS	ST-MW-18i	11/1/2005	-16.4	-120	UCB
STS	ST-MW-6	11/1/2005	-10.0	-73	UCB

Table 9-2: Stable Isotope Evaluation
Oxygen and Hydrogen Stable Isotope Data
Former Building 2220 Site, Port of Vancouver

Site Name[1]	Well ID	Sample Date	$\delta^{18}O$ (‰)	δD (‰)	Laboratory[3]
STS	ST-MW-7	11/1/2005	-12.0	-88	UCB
STS	ST-MW-8	11/1/2005	-9.3	-69	UCB
Carborumdum	MW-E	11/1/2005	-13.7	-100	UCB
Carborumdum	MW-F	11/1/2005	-10.4	-74	UCB
CoV	COV Water Station #1	12/15/2004	-10.0	NA	LBNL
GWM	GMW-4	11/18/2004	-13.8	-101	LBNL
GWM	GMW-5	11/18/2004	-10.9	-78	LBNL
Columbia River	Columbia River	11/18/2004	-16.5	-125	LBNL
Columbia River	Columbia River	11/16/2005	-16.0	-121	UCB
Columbia River	Columbia River	11/18/2005	-16.4	-121	UCB
Columbia River	Columbia River	11/29/2005	-16.7	-125	UCB

Notes:

1. POV: Port of Vancouver. STS: STS/Valero. CoV: City of Vancouver. GWM: Great Western Malting

2. UVA: University of Virginia. LBNL: Center for Isotope Geochemistry, Lawrence Berkeley National Laboratory. UCB: University of California, Berkeley.

NA - Not analyzed, sample lost.

Table 9-3: Stable Isotope Evaluation
Summary of Stable Isotope Data
Former Building 2220 Site, Port of Vancouver

Site Name	Well ID	Sample Date	$\delta^{18}O$ (‰)	δD (‰)	$\delta^{13}C$-PCE (‰)	$\delta^{13}C$-TCE (‰)	$\delta^{13}C$-DCE (‰)	Comments	Lab
POV	MW-06	1/23/2002	-10.3	-81	N/A	N/A	N/A		UVA
POV	MW-08	1/23/2002	-11.4	-100	N/A	N/A	N/A		UVA
POV	MW-12d	1/23/2002	-14.4	-106	N/A	N/A	N/A		UVA
POV	MW-14d	1/23/2002	-15.1	-127	N/A	N/A	N/A		UVA
POV	MW-06 (dup)	1/24/2002	-9.8	-82	N/A	N/A	N/A		UVA
POV	MW-07	1/24/2002	-13.3	-102	N/A	N/A	N/A		UVA
POV	MW-07i	1/24/2002	-13.5	-104	N/A	N/A	N/A		UVA
POV	MW-08	1/24/2002	-12.1	-99	N/A	N/A	N/A		UVA
POV	MW-10	1/24/2002	-12.3	-103	N/A	N/A	N/A		UVA
POV	MW-15i	1/24/2002	-15.4	-116	N/A	N/A	N/A		UVA
POV	MW-16	1/24/2002	-11.0	-92	N/A	N/A	N/A		UVA
POV	MW-21	1/24/2002	-10.7	-83	N/A	N/A	N/A		UVA
POV	MW-02	1/25/2002	-13.1	-102	N/A	N/A	N/A		UVA
POV	MW-05	1/25/2002	-11.2	-87	N/A	N/A	N/A		UVA
POV	MW-05d	1/25/2002	-14.8	-112	N/A	N/A	N/A		UVA
POV	MW-18	1/25/2002	-9.1	-75	N/A	N/A	N/A		UVA
POV	MW-18i	1/25/2002	-10.3	-86	N/A	N/A	N/A		UVA
POV	MW-23	1/25/2002	-9.6	-84	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-04i	1/29/2002	-13.3	-102	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-04s	1/29/2002	-13.5	-106	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-05i	1/29/2002	-15.0	-99	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-05s	1/29/2002	-13.1	-86	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-06s	1/29/2002	-12.3	-96	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-06s (dup)	1/29/2002	-12.2	-92	N/A	N/A	N/A		UVA
POV	MW-12	1/29/2002	-9.7	-78	N/A	N/A	N/A		UVA
POV	MW-19i	1/29/2002	-14.7	-104	N/A	N/A	N/A		UVA
POV	MW-20	1/29/2002	-10.5	-89	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-01d	1/30/2002	-14.0	-109	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-01s	1/30/2002	-11.2	-84	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-02s	1/30/2002	-14.2	-108	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-05d	1/30/2002	-14.8	-110	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-07s	1/30/2002	-12.8	-100	N/A	N/A	N/A		UVA
POV	MW-01d	1/30/2002	-14.8	-112	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-03s	1/31/2002	-10.3	-80	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-10d	2/4/2002	-10.1	-91	N/A	N/A	N/A		UVA
POV	MW-28i	3/27/2002	-13.4	-105	N/A	N/A	N/A		UVA
Cadet Wells	CM-MW-01d-224	8/23/2004	N/A	N/A	ND	-26.3	-27.8	C isotope split sample	LBNL
Cadet Wells	CM-MW-08s	8/23/2004	N/A	N/A	ND	-24.9	ND	C isotope split sample	LBNL
Cadet Wells	CM-MW-18d	8/23/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
Cadet Wells	CM-MW-18i	8/23/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
Cadet Wells	CM-MW-24i	8/23/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
Cadet Wells	CM-MW-24s	8/23/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
Cadet Wells	CM-MW-07s	8/24/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
Cadet Wells	CM-MW-19d	8/24/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
Cadet Wells	CM-MW-19i	8/24/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
Cadet Wells	CM-MW-19s	8/24/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
Cadet Wells	CM-MW-23i	8/24/2004	N/A	N/A	-30.2	-26.4	-31.5	C isotope split sample	LBNL

Table 9-3: Stable Isotope Evaluation
Summary of Stable Isotope Data
Former Building 2220 Site, Port of Vancouver

Site Name	Well ID	Sample Date	$\delta^{18}O$ (‰)	δD (‰)	$\delta^{13}C$-PCE (‰)	$\delta^{13}C$-TCE (‰)	$\delta^{13}C$-DCE (‰)	Comments	Lab
Cadet Wells	CM-MW-23i (dup)	8/24/2004	N/A	N/A	-30.7	-27.2	-32.4	C isotope split sample	LBNL
Cadet Wells	CM-MW-23s	8/24/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
POV	MW-33i	8/24/2004	N/A	N/A	-29.2	-24.1	-30.3	quarterly monitoring & C isotope split sample	LBNL
POV	MW-05	8/25/2004	N/A	N/A	-29.5	-[1]	-27.7	C isotope split sample	LBNL
POV	MW-05 (RR)	8/25/2004	N/A	N/A	-30.9	-23.4	ND		LBNL
POV	MW-05 (RR)	8/25/2004	N/A	N/A	ND	-22.8	ND		LBNL
POV	MW-05d	8/25/2004	N/A	N/A	-28.0	-22.9	ND	quarterly monitoring & C isotope split sample	LBNL
POV	MW-05d	8/25/2004	N/A	N/A	-28.1	-23.1	-26.8	quarterly monitoring & C isotope split sample	LBNL
POV	MW-18	8/25/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
POV	MW-18i	8/25/2004	N/A	N/A	ND	-25.3	ND	quarterly monitoring & C isotope split sample	LBNL
POV	MW-20	8/25/2004	N/A	N/A	-[2]	-24.9	ND	quarterly monitoring & C isotope split sample	LBNL
POV	MW-20 (dup)	8/25/2004	N/A	N/A	-24.9	-25.3	ND	quarterly monitoring & C isotope split sample	LBNL
POV	MW-25	8/25/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
POV	MW-28i	8/25/2004	N/A	N/A	-28.2	-24.5	-30.0	quarterly monitoring & C isotope split sample	LBNL
POV	MW-30i	8/25/2004	N/A	N/A	-30.8	-24.5	-25.2	quarterly monitoring & C isotope split sample	LBNL
POV	MW-31i	8/25/2004	N/A	N/A	-29.0	-23.8	-28.7	quarterly monitoring & C isotope split sample	LBNL
POV	MW-32i	8/25/2004	N/A	N/A	-29.4	-24.3	-28.4	C isotope split sample	LBNL
Cadet Wells	CM-DPW-01	10/1/2004	N/A	N/A	-26.0	-27.7	ND	C isotope split sample	LBNL
Cadet Wells	CM-DPW-16	10/1/2004	N/A	N/A	-25.1	-25.8	ND	C isotope split sample	LBNL
Cadet Wells	CM-DPW-16 (dup)	10/1/2004	N/A	N/A	-24.7	-25.9	ND		LBNL
Cadet Wells	CM-MW-01d-040	10/1/2004	N/A	N/A	-23.8	-26.0	-22.1	C isotope split sample	LBNL
Cadet Wells	CM-MW-05s	10/1/2004	N/A	N/A	-25.5	-27.1	ND	C isotope split sample	LBNL
POV	MW-02	10/8/2004	N/A	N/A	ND	-22.3	ND	C isotope split sample	LBNL
POV	MW-07	10/8/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sample	LBNL
POV	MW-07i	10/8/2004	N/A	N/A	ND	-22.3	-27.1	C isotope split sample	LBNL
POV	MW-10	10/8/2004	N/A	N/A	ND	-22.3	ND	C isotope split sample	LBNL
POV	MW-16	10/8/2004	N/A	N/A	ND	-23.1	ND	C isotope split sample	LBNL
POV	MW-21	10/8/2004	N/A	N/A	ND	-22.8	ND	C isotope split sample	LBNL
STS	ST-MW-01	11/2/2004	N/A	N/A	-32.8	-26.2	-26.7	C isotope split sampling - STS	LBNL
STS	ST-MW-08	11/2/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sampling - STS	LBNL
STS	ST-MW-10	11/2/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sampling - STS	LBNL
STS	ST-MW-15	11/2/2004	N/A	N/A	N/A	N/A	N/A	C isotope split sampling - STS	LBNL
STS	ST-MW-18i	11/2/2004	N/A	N/A	-29.1	-24.6	-27.0	C isotope split sampling - STS	LBNL
Car	MW-E	11/3/2004	N/A	N/A	-29.6	-25.6	-29.6	C isotope split sampling - STS	LBNL
Car	MW-G	11/3/2004	N/A	N/A	ND	-23.5	-22.2	C isotope split sampling - STS	LBNL
STS	ST-MW-16	11/3/2004	N/A	N/A	-31.2	-25.8	ND	C isotope split sampling - STS	LBNL
Cadet Wells	CM-MW-18d	11/18/2004	-14.6	-112	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
Cadet Wells	CM-MW-18i	11/18/2004	-10.4	-73	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
Cadet Wells	CM-MW-18s	11/18/2004	-10.1	-68	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
Cadet Wells	CM-MW-18s (dup)	11/18/2004	-10.1	-73	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
Columbia River	Columbia River	11/18/2004	-16.5	-125	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
GWM	GMW-4	11/18/2004	-13.8	-101	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
GWM	GMW-5	11/18/2004	-10.9	-78	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
Cadet Wells	CM-MW-28TGA	11/18/2004	-10.5	-75	N/A	N/A	N/A		LBNL
Cadet Wells	CM-MW-18d	12/15/2004	-14.6	NA	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
Cadet Wells	CM-MW-28TGA	12/15/2004	-10.3	NA	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL
CoV	COV Water Station #1	12/15/2004	-10.0	NA	N/A	N/A	N/A	O2 & OH isotope split sampling event w/ AMEC	LBNL

Table 9-3: Stable Isotope Evaluation
Summary of Stable Isotope Data
Former Building 2220 Site, Port of Vancouver

Site Name	Well ID	Sample Date	$\delta^{18}O$ (‰)	δD (‰)	$\delta^{13}C$-PCE (‰)	$\delta^{13}C$-TCE (‰)	$\delta^{13}C$-DCE (‰)	Comments	Lab
POV	MW-19	3/2/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
POV	MW-34i	3/2/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
POV	MW-38i	3/2/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
POV	MW-02	3/3/2005	N/A	N/A	-28.0	-22.2	ND	isotope split sampling w/AMEC	LBNL
POV	MW-05	3/3/2005	N/A	N/A	-30.0	-22.7	ND	isotope split sampling w/AMEC	LBNL
POV	MW-18i	3/3/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
POV	MW-35i	3/3/2005	N/A	N/A	ND	-24.5	ND	isotope split sampling w/AMEC	LBNL
POV	MW-36i	3/3/2005	N/A	N/A	-26.0	-20.2	ND	isotope split sampling w/AMEC	LBNL
POV	MW-37i	3/3/2005	N/A	N/A	ND	-24.9	ND	isotope split sampling w/AMEC	LBNL
POV	MW-38i	3/3/2005	N/A	N/A	ND	-17.6	ND		LBNL
Cadet Wells	CM-MW-17i	3/4/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
Cadet Wells	CM-MW-18i	3/4/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
Cadet Wells	CM-MW-19i	3/4/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
Cadet Wells	CM-MW-20i	3/4/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
Cadet Wells	CM-MW-7i	3/4/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
Cadet Wells	CM-MW-24i	3/7/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
Cadet Wells	CM-MW-28USA	3/7/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
Cadet Wells	CM-MW-29USA	3/7/2005	N/A	N/A	N/A	N/A	N/A	isotope split sampling w/AMEC	LBNL
POV	MW-31i	5/23/2005	N/A	N/A	-31.9	-26.9	-30.6		LBNL
POV	MW-33i	5/23/2005	N/A	N/A	-31.4	-25.8	-27.2		LBNL
POV	MW-33i (RR)	5/23/2005	N/A	N/A	-31.4	-26.0	-26.7		LBNL
POV	MW-36i	5/23/2005	N/A	N/A	ND	-26.6	-30.9		LBNL
POV	MW-36i (RR)	5/23/2005	N/A	N/A	ND	-27.4	-32.2		LBNL
POV	MW-36i (RR)	5/23/2005	N/A	N/A	-29.5	-27.1	-28.8		LBNL
POV	MW-37i	5/23/2005	N/A	N/A	ND	-23.5	ND		LBNL
POV	MW-37i	7/11/2005	N/A	N/A	ND	-24.2	ND		LBNL
POV	MW-37i (RR)	7/11/2005	N/A	N/A	ND	-23.8	ND		LBNL
Car	MW-E	11/1/2005	-13.7	-100	N/A	N/A	N/A		UCB
Car	MW-F	11/1/2005	-10.4	-74	N/A	N/A	N/A		UCB
POV	MW-01	11/1/2005	-9.4	-68	N/A	N/A	N/A		UCB
POV	MW-02d	11/1/2005	-10.7	-72	N/A	N/A	N/A		UCB
POV	MW-04	11/1/2005	-9.3	-66	N/A	N/A	N/A		UCB
POV	MW-04i	11/1/2005	-13.9	-102	N/A	N/A	N/A		UCB
POV	MW-05	11/1/2005	-11.0	-80	N/A	N/A	N/A		UCB
POV	MW-05i	11/1/2005	-13.5	-98	N/A	N/A	N/A		UCB
POV	MW-11	11/1/2005	-10.2	-74	N/A	N/A	N/A		UCB
POV	MW-13d	11/1/2005	-10.9	-76	N/A	N/A	N/A		UCB
POV	MW-15	11/1/2005	-12.9	-94	N/A	N/A	N/A		UCB
POV	MW-16d	11/1/2005	-10.2	-73	N/A	N/A	N/A		UCB
POV	MW-17	11/1/2005	-8.0	-60	N/A	N/A	N/A		UCB
POV	MW-17d	11/1/2005	-10.4	-73	N/A	N/A	N/A		UCB
POV	MW-18	11/1/2005	-9.9	-68	N/A	N/A	N/A		UCB
POV	MW-19s	11/1/2005	-9.7	-72	N/A	N/A	N/A		UCB
POV	MW-24i	11/1/2005	-9.9	-69	N/A	N/A	N/A		UCB
POV	MW-25	11/1/2005	-10.3	-72	N/A	N/A	N/A		UCB
POV	MW-26i	11/1/2005	-10.0	-71	N/A	N/A	N/A		UCB
POV	MW-28i	11/1/2005	-13.5	-102	N/A	N/A	N/A		UCB

Table 9-3: Stable Isotope Evaluation
Summary of Stable Isotope Data
Former Building 2220 Site, Port of Vancouver

Site Name	Well ID	Sample Date	$\delta^{18}O$ (‰)	δD (‰)	$\delta^{13}C$-PCE (‰)	$\delta^{13}C$-TCE (‰)	$\delta^{13}C$-DCE (‰)	Comments	Lab
POV	MW-28s	11/1/2005	-9.3	-68	N/A	N/A	N/A		UCB
POV	MW-29i	11/1/2005	-16.3	-121	N/A	N/A	N/A		UCB
POV	MW-30i	11/1/2005	-15.0	-111	N/A	N/A	N/A		UCB
POV	MW-31i	11/1/2005	-15.4	-113	N/A	N/A	N/A		UCB
POV	MW-32i	11/1/2005	-15.4	-115	N/A	N/A	N/A		UCB
POV	MW-32s	11/1/2005	-9.2	-65	N/A	N/A	N/A		UCB
POV	MW-33i	11/1/2005	-14.6	-108	N/A	N/A	N/A		UCB
POV	MW-34i	11/1/2005	-15.7	-115	N/A	N/A	N/A		UCB
POV	MW-35i	11/1/2005	-11.5	-84	N/A	N/A	N/A		UCB
POV	MW-36i	11/1/2005	-12.2	-89	N/A	N/A	N/A		UCB
POV	MW-37i	11/1/2005	-11.9	-84	N/A	N/A	N/A		UCB
POV	MW-37s	11/1/2005	-10.3	-73	N/A	N/A	N/A		UCB
POV	MW-38i	11/1/2005	-12.1	-87	N/A	N/A	N/A		UCB
POV	MW-39s	11/1/2005	-9.7	-71	N/A	N/A	N/A		UCB
STS	ST-MGMS-1-110	11/1/2005	-12.4	-88	N/A	N/A	N/A		UCB
STS	ST-MGMS-1-43	11/1/2005	-14.2	-104	N/A	N/A	N/A		UCB
STS	ST-MGMS-1-60	11/1/2005	-16.3	-120	N/A	N/A	N/A		UCB
STS	ST-MGMS-2-110	11/1/2005	-16.3	-122	N/A	N/A	N/A		UCB
STS	ST-MGMS-2-132	11/1/2005	-14.7	-109	N/A	N/A	N/A		UCB
STS	ST-MGMS-2-40	11/1/2005	-10.7	-75	N/A	N/A	N/A		UCB
STS	ST-MGMS-2-60	11/1/2005	-13.7	-101	N/A	N/A	N/A		UCB
STS	ST-MGMS-3-101	11/1/2005	-16.2	-121	N/A	N/A	N/A		UCB
STS	ST-MGMS-3-132	11/1/2005	-13.4	-100	N/A	N/A	N/A		UCB
STS	ST-MGMS-3-40	11/1/2005	-10.8	-75	N/A	N/A	N/A		UCB
STS	ST-MGMS-3-60	11/1/2005	-15.6	-114	N/A	N/A	N/A		UCB
STS	ST-MW-1	11/1/2005	-10.6	-77	N/A	N/A	N/A		UCB
STS	ST-MW-10	11/1/2005	-10.4	-73	N/A	N/A	N/A		UCB
STS	ST-MW-16	11/1/2005	-9.2	-66	N/A	N/A	N/A		UCB
STS	ST-MW-18i	11/1/2005	-16.4	-120	N/A	N/A	N/A		UCB
STS	ST-MW-6	11/1/2005	-10.0	-73	N/A	N/A	N/A		UCB
STS	ST-MW-7	11/1/2005	-12.0	-88	N/A	N/A	N/A		UCB
STS	ST-MW-8	11/1/2005	-9.3	-69	N/A	N/A	N/A		UCB

Notes:

N/A - not applicable

ND - concentration too low for analysis

RR - reanalysis

1. High background. Re-ran sample (MW-05 (RR) and MW-05 (RR dup).

2. Peak cut off by reference gas peak.

N/A - not applicable

Table 10-1: Nature and Extent of Contamination
Depth-Specific Samples Collected During Monitoring Well Installations - Cadet and SMC Sites
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Hydro-geological Unit	Sample Date	QC Code	Sample Collected By	Sample Collection Method	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	1,2-Dichloroethane (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	cis-1,2-Dichloroethene (ug/l)	Ethylbenzene (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	trans-1,2-Dichloroethene (ug/l)	Trichloroethene (ug/l)	Trichloro-fluoromethane (ug/l)	Vinyl chloride (ug/l)	Xylene (m,p) (ug/l)	Xylenes (total) (ug/l)
B-04	20	USA	01/26/98		PMX	DS	100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	100 U	100 U	100 U	100 U	100 U	6520	200 U	200 U	--	200 U
B-04	40	USA	01/26/98		PMX	DS	5 U	5 U	5 U	5 U	5 U	10 U	5 U	50 U	18.7	5 U	14.1	5 U	5 U	228	10 U	10 U	--	10 U
B-04	60	USA	01/26/98		PMX	DS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	16	2.5 U	11.5	2.5 U	2.5 U	98	5 U	5 U	--	5 U
B-04	80	USA	01/26/98		PMX	DS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	19.8	2.5 U	13.2	2.5 U	2.5 U	113	5 U	5 U	--	5 U
B-05	20	USA	01/27/98		PMX	DS	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	125 U	122	12.5 U	703	12.5 U	12.5 U	75000	25 U	25 U	--	25 U
B-05	45	USA	01/27/98		PMX	DS	250 U	250 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	250 U	250 U	250 U	9250	500 U	500 U	--	500 U
B-05	60	USA	01/27/98		PMX	DS	500 U	500 U	500 U	500 U	500 U	500 U	500 U	5000 U	500 U	500 U	500 U	500 U	500 U	26100	1000 U	1000 U	--	1000 U
B-05	80	USA	01/27/98		PMX	DS	250 U	250 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	250 U	250 U	250 U	16900	500 U	500 U	--	500 U
B-06	20	USA	01/28/98		PMX	DS	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	12500 U	1250 U	1250 U	1250 U	1250 U	1250 U	60300	2500 U	2500 U	--	2500 U
B-06	40	USA	01/28/98		PMX	DS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	50 U	2240	100 U	100 U	--	100 U
B-06	60	USA	01/28/98		PMX	DS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	50 U	1330	100 U	100 U	--	100 U
B-06	80	USA	01/28/98		PMX	DS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	50 U	2380	100 U	100 U	--	100 U
B-08	22	USA	04/03/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.668	0.768	0.5 U	28.2	1 U	1 U	--	1 U
B-08	42	USA	04/03/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	14.1	0.5 U	11.9	0.5 U	0.5 U	31	1 U	1 U	--	1 U
B-08	60	USA	04/06/98		PMX	DS	0.741	0.5 U	0.727	1.02	0.5 U	0.5 U	0.5 U	5 U	20.4	0.5 U	17.6	0.5 U	0.5 U	28.7	1 U	1 U	--	1 U
B-08	80	USA	04/07/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	1.52	0.5 U	1.11	0.5 U	0.5 U	3.27	1 U	1 U	--	1 U
B-08	100	USA	04/08/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.627	0.5 U	0.5 U	0.5 U	0.5 U	1.03	1 U	1 U	--	1 U
B-08	140	USA	04/09/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
B-08	180	USA	04/14/98		PMX	DS	2.97	0.5 U	0.714	2.04	0.5 U	0.5 U	0.5 U	5 U	8.57	0.5 U	0.814	0.5 U	0.5 U	31.8	1 U	1 U	--	1 U
B-08	215	USA	04/16/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
B-08	Top of Troutdale Formation at 223 ft bgs																							
B-08	224	TGA	04/21/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
B-09	25	USA	03/31/98		PMX	DS	250 U	250 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	250 U	250 U	250 U	10100	500 U	500 U	--	500 U
B-09	42	USA	04/01/98		PMX	DS	25 U	25 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	25 U	1100	50 U	50 U	--	50 U
B-09	60	USA	04/02/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	6.34	0.5 U	5.19	0.5 U	0.5 U	15.6	1 U	1 U	--	1 U
B-09	82	USA	04/03/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U	1 U	1 U	--	1 U
B-09	100	USA	04/06/98	DP	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.645	1 U	1 U	--	1 U
B-09	100	USA	04/06/98	D	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
B-09	140	USA	04/08/98		PMX	DS	3.23	0.5 U	0.687	1.79	0.5 U	0.5 U	0.5 U	5 U	8.77	0.5 U	4.46	0.5 U	0.5 U	36.7	1 U	1 U	--	1 U
B-09	180	USA	04/09/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	7.3	0.5 U	9.36	0.5 U	0.5 U	33.5	1 U	1 U	--	1 U
B-09	215	USA	04/13/98		PMX	DS	0.972	0.5 U	0.5 U	0.887	0.5 U	0.5 U	0.5 U	5 U	3.34	0.5 U	3.32	0.5 U	0.5 U	12.8	1 U	1 U	--	1 U
B-09	229	USA	04/21/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.68	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
CM-MW-01i	39	USA	10/13/99		AMEC	DS	26.8	1 U	1 U	9.32	1 U	1 U	1 U	1 U	12	1 U	77.9	1 U	1 U	1400	1 U	1 U	2 U	--
CM-MW-01i	59	USA	10/13/99		AMEC	DS	3.15	1 U	1 U	1.56	1 U	1 U	1 U	1 U	4.77	1 U	12.8	1 U	1 U	151	1 U	1 U	2 U	--
CM-MW-01i	80	USA	10/14/99	DP	AMEC	DS	1.07	1 U	1.1	0.54	1 U	1 U	1 U	1 U	10.7	--	10.2	--	1 U	29.6	1 U	1 U	--	--
CM-MW-01i	80	USA	10/14/99	D	AMEC	DS	1.01	1 U	1.05	0.55	1 U	1 U	1 U	1 U	10.9	--	10.3	--	1 U	28.9	1 U	1 U	--	--
CM-MW-02d	40	USA	11/03/00		AMEC	DS	11.9	1 U	1 U	1.37 U	1 U	1 U	1 U	5 U	2.22	--	20	--	1 U	158	0.62	1 U	--	--
CM-MW-02d	80	USA	11/10/00		AMEC	DS	0.72	1 U	0.71	1 U	1 U	1 U	1 U	5 U	7.94	--	7.86	--	1 U	14.3	1 U	1 U	--	--
CM-MW-02d	120	USA	11/10/00		AMEC	DS	0.69	1 U	1 U	1 U	1 U	1 U	1 U	5 U	2.42	--	2.43	--	1 U	6.2	1 U	1 U	--	--
CM-MW-02d	170	USA	11/10/00		AMEC	DS	1.76	1 U	0.52	1 U	1 U	1 U	1 U	5 U	3.18	--	2.46	--	1 U	10.8	0.52	1 U	--	--
CM-MW-04i	40	USA	06/13/00		AMEC	DS	26	5 U	5 U	5.2	5 U	5 U	5 U	5 U	11	--	62	--	5 U	800	5 U	5 U	--	--
CM-MW-04i	60	USA	06/13/00		AMEC	DS	29	10 U	10 U	6.1	10 U	10 U	10 U	10 U	15	--	63	--	10 U	860	10 U	10 U	--	--
CM-MW-04i	80	USA	06/13/00	DP	AMEC	DS	17	5 U	5 U	3	5 U	5 U	5 U	5 U	12	--	29	--	5 U	440	5 U	5 U	--	--
CM-MW-04i	80	USA	06/13/00	D	AMEC	DS	16	5 U	5 U	2.7	5 U	5 U	5 U	5 U	12	--	22	--	5 U	400	5 U	5 U	--	--
CM-MW-05d	100	USA	07/06/00		AMEC	DS	0.47	1 U	0.88	1 U	1 U	1 U	1 U	1 U	7.93	--	4.9	--	1 U	7.1	1 U	1 U	--	--
CM-MW-05d	120	USA	07/06/00		AMEC	DS	0.49	1 U	0.9	1 U	1 U	1 U	1 U	1 U	7.95	--	4.91	--	1 U	7.71	1 U	1 U	--	--
CM-MW-05d	140	USA	07/06/00		AMEC	DS	0.69	1 U	1 U	1 U	1 U	1 U	1 U	1 U	9.09	--	6.76	--	1 U	10.7	1 U	1 U	--	--
CM-MW-05d	180	USA	07/06/00		AMEC	DS	1.37	1 U	0.8	0.77	1 U	1 U	1 U	1 U	5.01	--	2.63	--	1 U	11	1 U	1 U	--	--
CM-MW-05d	200	USA	07/07/00		AMEC	DS	1.73	1 U	0.81	0.8	1 U	1 U	1 U	1 U	5.21	--	3.11	--	1 U	14.6	1 U	1 U	--	--
CM-MW-05i	58	USA	11/12/99		AMEC	DS	61.9	1 U	2.1	7.37	1 U	1 U	1 U	1.16	14.2	--	212	--	1 U	2700	1 U	1 U	--	--
CM-MW-05i	77	USA	11/12/99	DP	AMEC	DS	27.8	1 U	1.69	3.67	1 U	1 U	1 U	1 U	15.6	--	78.7	--	1 U	900	1 U	1 U	--	--
CM-MW-05i	77	USA	11/12/99	D	AMEC	DS	31.9	1 U	1.43	3.42	1 U	1 U	1 U	1 U	13.5	--	87.4	--	1 U	950	1 U	1 U	--	--
CM-MW-10d	100	USA	11/16/00		AMEC	DS	0.48	1 U	1 U	1 U	1 U	1 U	1 U	5 U	2.57	--	0.82	--	1 U	4.15	1 U	1 U	--	--
CM-MW-10d	Top of Troutdale Formation at 140 ft bgs																							
CM-MW-10d	140	TGA	11/16/00	DP	AMEC	DS	1.33	1 U	0.42	1 U	1 U	1 U	1 U	5 U	3.02	--	1.91	--	1 U	10.9	1 U	1 U	--	--
CM-MW-10d	140	TGA	11/16/00	D	AMEC	DS	1.28	1 U	0.47	1 U	1 U	1 U	1 U	5 U	3.07	--	2.04	--	1 U	11.2	1 U	1 U	--	--
CM-MW-10d	180	TGA	11/16/00		AMEC	DS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	--	1 U	--	1 U	1.08	1 U	1 U	--	--
MW-01d/B-07	40	USA	03/09/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	9.16	0.5 U	6.28	0.5 U	0.5 U	11.7	1 U	1 U	--	1 U
MW-01d/B-07	60	USA	03/11/98		PMX	DS	1.43	1 U	1.43	1 U	1 U	1 U	1 U	1 U	20.2	1 U	17.8	1 U	1 U	24.8	10 U	10 U	1 U	--
MW-01d/B-07	80	USA	03/12/98		PMX	DS	3.69	0.5 U	2.24	2.4	0.5 U	0.5 U	0.5 U	5 U	23.5	0.5 U	6.61	0.5 U	0.5 U	35	1 U	1 U	--	1 U
MW-01d/B-07	100	USA	03/13/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.981	0.5 U	0.5 U	0.5 U	0.5 U	1.36	1 U	1 U	--	1 U
MW-01d/B-07	120	USA	03/16/98		PMX	DS	4.63	0.5 U	1.68	2.37	0.5 U	0.5 U	0.5 U	5 U	9.85	0.5 U	0.5 U	0.5 U	0.5 U	1.74	1 U	1 U	--	1 U
MW-01d/B-07	160	USA	03/19/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
MW-01d/B-07	200	USA	03/20/98		PMX	DS	2.05	0.5 U	0.611	1.51	0.5 U	0.5 U	0.5 U	5 U	6.86	0.5 U	7.27	0.5 U	0.5 U	27.5	1 U	1 U	--	1 U

Table 10-1: Nature and Extent of Contamination
Depth-Specific Samples Collected During Monitoring Well Installations - Cadet and SMC Sites
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Hydro-geological Unit	Sample Date	QC Code	Sample Collected By	Sample Collection Method	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	1,2-Dichloroethane (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	cis-1,2-Dichloroethene (ug/l)	Ethylbenzene (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	trans-1,2-Dichloroethene (ug/l)	Trichloroethene (ug/l)	Trichloro-fluoromethane (ug/l)	Vinyl chloride (ug/l)	Xylene (m,p) (ug/l)	Xylenes (total) (ug/l)
MW-02d	25	USA	11/04/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	32.2	1 U	1 U	--	1 U
MW-02d	40	USA	11/05/98		PMX	DS	0.5 U	0.5 U	0.5 U	2.14	0.5 U	0.5 U	0.5 U	5 U	1.29	0.5 U	1.52	0.5 U	0.5 U	50.3	1 U	1 U	--	1 U
MW-02d	60	USA	11/06/98		PMX	DS	1.03	0.5 U	1.74	0.81	0.5 U	0.5 U	0.5 U	5 U	13.7	0.5 U	11.3	0.5 U	0.5 U	20.9	1 U	1 U	--	1 U
MW-02d	80	USA	11/09/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.94	0.5	0.5 U	1.28	0.5 U	1.2	1 U	1 U	--	1.63
MW-02d	100	USA	11/10/98		PMX	DS	11.4	0.5 U	3.72	3.32	0.5 U	0.5 U	0.5 U	5 U	14.2	0.5 U	0.5 U	0.5 U	0.5 U	31.3	1 U	1 U	--	1 U
MW-02d	120	USA	11/12/98	DP	PMX	DS	7.5	0.5 U	2.71	2.26	0.5 U	0.5 U	0.5 U	5 U	9.63	0.5 U	1.47	0.5 U	0.5 U	24.3	1 U	1 U	--	1 U
MW-02d	120	USA	11/12/98	D	PMX	DS	7.39	0.5 U	2.7	2.05	0.5 U	0.5 U	0.5 U	5 U	9.31	0.5 U	1.31	0.5 U	0.5 U	23.1	1 U	1 U	--	1 U
MW-02d	140	USA	11/13/98		PMX	DS	10.8	0.5 U	3.83	3.51	0.5 U	0.5 U	0.5 U	5 U	11.9	0.5 U	0.5 U	0.5 U	0.5 U	12.3	1 U	1 U	--	1 U
MW-02d	160	USA	11/16/98		PMX	DS	6.2	0.5 U	2.01	2.05	0.5 U	2 U	0.5 U	0.5 U	13.4	0.5 U	10.2	0.5 U	0.5 U	54.1	1.07	0.5 U	1 U	--
MW-02d	180	USA	11/17/98		PMX	DS	4.05	0.5 U	1.36	1.49	0.5 U	2 U	0.5 U	0.5 U	9.22	0.5 U	11.6	0.5 U	0.5 U	38.2	0.5 U	0.5 U	1 U	--
MW-02d	200	USA	11/18/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-02d	Top of Troutdale Formation at 218 ft bgs																							
MW-02d	220	TGA	11/20/98		PMX	DS	5.97	0.5 U	2.07	1.98	0.5 U	2 U	0.5 U	0.5 U	13	0.5 U	10.3	0.5 U	0.5 U	52.6	0.85	0.5 U	1 U	--
MW-04d	25	USA	12/04/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.92	0.5 U	1.3	0.5 U	0.5 U	9.78	0.5 U	0.5 U	--	1 U
MW-04d	40	USA	12/07/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.36	0.5 U	3.54	0.5 U	0.5 U	3.26	0.5 U	0.5 U	--	1 U
MW-04d	60	USA	12/08/98		PMX	DS	1.82	0.5 U	1.73	0.82	0.5 U	0.5 U	0.5 U	0.5 U	16.8	0.5 U	10.2	0.5 U	0.5 U	19.1	0.5 U	0.5 U	--	1 U
MW-04d	80	USA	12/09/98		PMX	DS	2.24	0.5 U	0.79	0.7	0.5 U	0.5 U	0.5 U	0.5 U	4.17	0.5 U	1.22	0.5 U	0.5 U	10.9	0.5 U	0.5 U	--	1 U
MW-04d	100	USA	12/10/98		PMX	DS	3.76	0.5 U	2.03	1.38	0.5 U	0.5 U	0.5 U	0.5 U	6.86	0.5 U	0.5 U	0.5 U	0.5 U	7.04	0.5 U	0.5 U	--	1 U
MW-04d	120	USA	12/14/98		PMX	DS	1.57	0.5 U	1.22	0.83	0.5 U	0.5 U	0.5 U	0.5 U	3.99	0.5 U	0.5 U	0.87	0.5 U	2.85	0.5 U	0.5 U	--	3.29
MW-04d	140	USA	12/14/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04d	160	USA	12/15/98	DP	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04d	160	USA	12/15/98	D	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04d	180	USA	12/15/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04d	200	USA	12/18/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04d	220	USA	12/23/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04d	Top of Troutdale Formation at 233 ft bgs																							
MW-04d	240	TGA	01/05/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04i	20	USA	03/29/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04i	40	USA	03/29/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.57	0.5 U	0.5 U	0.5 U	0.5 U	2.45	0.5 U	1.6	0.5 U	0.5 U	2.47	0.5 U	0.5 U	--	1 U
MW-04i	60	USA	03/30/99		PMX	DS	0.75	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.98	0.5 U	2.73	0.5 U	0.5 U	5.76	0.5 U	0.5 U	--	1 U
MW-04i	80	USA	03/31/99	DP	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04i	80	USA	03/31/99	D	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04i	100	USA	04/01/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04i	120	USA	04/02/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-04i	140	USA	04/05/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-05d/B-10	25	USA	04/27/98		PMX	DS	250 U	250 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	250 U	250 U	250 U	15500	500 U	500 U	--	500 U
MW-05d/B-10	40	USA	04/28/98		PMX	DS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	11.3	1 U	11.3	1 U	1 U	62.4	2 U	2 U	--	2 U
MW-05d/B-10	60	USA	04/29/98		PMX	DS	0.845	0.5 U	0.672	0.5 U	0.5 U	0.5 U	0.5 U	5 U	17.8	0.5 U	15	0.5 U	0.5 U	25.2	1 U	1 U	--	1 U
MW-05d/B-10	80	USA	04/30/98		PMX	DS	1.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
MW-05d/B-10	100	USA	04/30/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.11	1 U	1 U	--	1 U
MW-05d/B-10	120	USA	05/04/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
MW-05d/B-10	140	USA	05/05/98		PMX	DS	3.91	0.5 U	0.897	2.12	0.5 U	0.5 U	0.5 U	5 U	2.12	0.5 U	0.5 U	0.5 U	0.5 U	7.55	1 U	1 U	--	1 U
MW-05d/B-10	160	USA	05/05/98		PMX	DS	7.63	0.5 U	2.05	4.41	0.5 U	0.5 U	0.5 U	5 U	18.9	0.5 U	0.5 U	0.5 U	0.5 U	5.68	1 U	1 U	--	1 U
MW-05d/B-10	180	USA	05/06/98		PMX	DS	3.88	0.5 U	0.847	2.1	0.5 U	0.5 U	0.5 U	5 U	10	0.5 U	6.4	0.5 U	0.5 U	42.9	1 U	1 U	--	1 U
MW-05d/B-10	200	USA	05/07/98		PMX	DS	3.53	1 U	1 U	1.02	1 U	1 U	1 U	1 U	6.91	1 U	9.64	1 U	1 U	33.7	5 U	2 U	2 U	--
MW-05d/B-10	220	USA	05/08/98		PMX	DS	4.28	0.5 U	1.11	1.84	0.5 U	0.5 U	0.5 U	5 U	5.76	0.5 U	1.72	0.5 U	0.5 U	11.6	1 U	1 U	--	1 U
MW-05d/B-10	Top of Troutdale Formation at 229 ft bgs																							
MW-05d/B-10	229	TGA	05/14/98		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	--	1 U
MW-05dR	229	TGA	11/17/06		PMX	DS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.48	1 U	1 U	1 U	1 U	2 U	--
MW-05dR	234	TGA	11/17/06		PMX	DS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	--
MW-05dR	239	TGA	11/20/06		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-07i	20	USA	07/18/00		PMX	DS	0.5 U	0.5 U	0.52	0.5 U	0.5 U	0.61	0.5 U	0.5 U	7.29	0.5 U	26.3	0.5 U	0.5 U	1530	0.5 U	0.5 U	1 U	--
MW-07i	40	USA	07/18/00		PMX	DS	0.72	0.5 U	0.83	0.5 U	0.5 U	0.67	0.5 U	0.5 U	10.8	0.5 U	33.8	0.5 U	0.5 U	1950	0.5 U	0.5 U	1 U	--
MW-07i	60	USA	07/18/00		PMX	DS	1.53	0.5 U	1.49	0.91	0.5 U	0.56	0.5 U	0.5 U	16.6	0.5 U	26.2	0.5 U	0.5 U	792	0.5 U	0.5 U	1 U	--
MW-07i	80	USA	07/20/00		PMX	DS	1.74	0.5 U	1.44	1.29	0.5 U	0.5 U	0.5 U	0.5 U	19.5	0.5 U	21.7	0.5 U	0.5 U	413	0.5 U	0.5 U	--	1 U
MW-07i	Top of Troutdale Formation at 100 ft bgs																							
MW-07i	100	TGA	07/20/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.37	0.5 U	1.37	0.5 U	0.5 U	7.71	0.5 U	0.5 U	--	1 U
MW-07i	120	TGA	07/27/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-07i	140	TGA	07/31/00	DP	PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-07i	140	TGA	07/31/00	D	PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-07i	160	TGA	08/01/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-07i	180	TGA	08/02/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	1 U	--
MW-08i	22	USA	01/27/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.02	0.5 U	3.56	0.5 U	0.5 U	13.4	0.5 U	0.5 U	--	1 U
MW-08i	40	USA	01/28/99		PMX	DS	1.01	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.97	0.5 U	5.34	0.5 U	0.5 U	19	0.5 U	0.5 U	--	1 U

Table 10-1: Nature and Extent of Contamination
Depth-Specific Samples Collected During Monitoring Well Installations - Cadet and SMC Sites
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Hydro-geological Unit	Sample Date	QC Code	Sample Collected By	Sample Collection Method	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	1,2-Dichloroethane (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	cis-1,2-Dichloroethene (ug/l)	Ethylbenzene (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	trans-1,2-Dichloroethene (ug/l)	Trichloroethene (ug/l)	Trichloro-fluoromethane (ug/l)	Vinyl chloride (ug/l)	Xylene (m,p) (ug/l)	Xylenes (total) (ug/l)
MW-08i	60	USA	02/01/99		PMX	DS	2.91	0.5 U	0.54	0.61	0.5 U	0.5 U	0.5 U	0.5 U	5.85	0.5 U	8.92	0.5 U	0.5 U	44.6	0.5 U	0.5 U	--	1 U
MW-08i	80	USA	02/01/99		PMX	DS	0.94	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.99	0.5 U	1.14	0.5 U	0.5 U	8.6	0.5 U	0.5 U	--	1 U
MW-08i	100	USA	02/02/99		PMX	DS	1.77	0.5 U	0.79	0.74	0.5 U	0.5 U	0.5 U	0.5 U	2.46	0.5 U	0.75	0.5 U	0.5 U	5.09	0.5 U	0.5 U	--	1 U
MW-08i	120	USA	02/05/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-08i	Top of Troutdale Formation at 138 ft bgs																							
MW-08i	140	TGA	02/10/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-12d	20	USA	03/03/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-12d	40	USA	03/03/99		PMX	DS	1.13	0.5 U	0.88	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.31	0.5 U	5.6	0.5 U	0.5 U	10.5	0.5 U	0.5 U	--	1 U
MW-12d	60	USA	03/04/99	DP	PMX	DS	0.97	0.5 U	1.09	0.69	0.5 U	0.5 U	0.5 U	0.5 U	10.9	0.5 U	10.7	0.5 U	0.5 U	17.6	0.5 U	0.5 U	--	1 U
MW-12d	60	USA	03/04/99	D	PMX	DS	1.47	0.5 U	1.11	0.72	0.5 U	0.5 U	0.5 U	0.5 U	11	0.5 U	11	0.5 U	0.5 U	17.9	0.5 U	0.5 U	--	1 U
MW-12d	80	USA	03/05/99		PMX	DS	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.1	0.5 U	6.03	0.5 U	0.5 U	8.32	0.5 U	0.5 U	--	1 U
MW-12d	100	USA	03/09/99		PMX	DS	0.53	0.5 U	1.45	0.68	0.5 U	0.5 U	0.5 U	0.5 U	13.8	0.5 U	14.6	0.5 U	0.5 U	17.7	0.5 U	0.5 U	--	1 U
MW-12d	120	USA	03/12/99		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.93	0.5 U	5.04	0.5 U	0.5 U	9.07	0.5 U	0.5 U	--	1 U
MW-12d	140	USA	03/15/99		PMX	DS	1.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.55	0.5 U	5.28	0.5 U	0.5 U	10.7	0.5 U	0.5 U	--	1 U
MW-12d	160	USA	03/16/99		PMX	DS	1.33	0.5 U	0.55	0.51	0.5 U	0.5 U	0.5 U	0.5 U	5.32	0.5 U	6.27	0.5 U	0.5 U	13.9	0.5 U	0.5 U	--	1 U
MW-12d	180	USA	03/17/99		PMX	DS	1.28	0.5 U	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.86	0.5 U	4.03	0.5 U	0.5 U	10.2	0.5 U	0.5 U	--	1 U
MW-12d	Top of Troutdale Formation at 190 ft bgs																							
MW-12d	200	TGA	03/18/99		PMX	DS	1.56	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.56	0.5 U	5.82	0.5 U	0.5 U	13.8	0.5 U	0.5 U	--	1 U
MW-12d	220	TGA	03/19/99		PMX	DS	1.21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.73	0.5 U	0.5 U	2.03	0.5 U	0.5 U	--	1 U
MW-13d	30	USA	12/15/99		PMX	DS	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	2.65	1 U	5.64	1 U	1 U	5.16	1 U	1 U	2 U	--
MW-13d	50	USA	12/16/99		PMX	DS	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	2.51	1 U	4.98	1 U	1 U	4.64	1 U	1 U	2 U	--
MW-13d	70	USA	12/17/99		PMX	DS	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	--
MW-13d	90	USA	12/20/99		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.13	0.5 U	0.5 U	0.899	0.5 U	0.5 U	--	1 U
MW-13d	110	USA	12/22/99		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.538	0.5 U	0.5 U	0.599	0.5 U	0.5 U	--	1 U
MW-13d	130	USA	12/28/99		PMX	DS	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	--
MW-13d	150	USA	12/30/99		PMX	DS	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	--
MW-13d	170	USA	01/03/00		PMX	DS	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	--
MW-13d	190	USA	01/04/00		PMX	DS	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	--
MW-13d	210	USA	01/04/00		PMX	DS	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	--
MW-13d	230	USA	01/10/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-13d	250	USA	01/12/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-13d	Top of Troutdale Formation at 262 ft bgs																							
MW-13d	270	TGA	01/17/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-14d	24	USA	02/29/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-14d	40	USA	02/29/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	0.5 U	2.41	0.5 U	0.5 U	3	0.5 U	0.5 U	--	1 U
MW-14d	60	USA	03/01/00		PMX	DS	1 U	0.5 U	0.529	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.01	0.5 U	3.19	0.5 U	0.5 U	3.88	0.5 U	0.5 U	--	1 U
MW-14d	80	USA	03/01/00		PMX	DS	1 U	0.5 U	0.865	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.78	0.5 U	5.7	0.5 U	0.5 U	8.62	0.5 U	0.5 U	--	1 U
MW-14d	100	USA	03/03/00		PMX	DS	2.71	0.5 U	1.92	1.23	0.5 U	0.5 U	0.5 U	0.5 U	16.9	0.5 U	12.6	0.5 U	0.5 U	28.5	0.5 U	0.5 U	--	1 U
MW-14d	120	USA	03/07/00		PMX	DS	2.68	0.5 U	1.04	1.34	0.5 U	0.5 U	0.5 U	0.5 U	7.74	0.5 U	6.07	0.5 U	0.5 U	28.5	0.5 U	0.5 U	--	1 U
MW-14d	140	USA	03/08/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.66	0.5 U	1.34	0.5 U	0.5 U	3.11	0.5 U	0.5 U	--	1 U
MW-14d	160	USA	03/08/00		PMX	DS	2	0.5 U	0.5 U	1.19	0.5 U	0.5 U	0.5 U	0.5 U	5.26	0.5 U	3.31	0.5 U	0.5 U	14.7	0.5 U	0.5 U	--	1 U
MW-14d	180	USA	03/14/00		PMX	DS	1.13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2	0.5 U	4.45	0.5 U	0.5 U	9.91	0.5 U	0.5 U	1 U	--
MW-14d	200	USA	03/17/00		PMX	DS	1.32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.96	0.5 U	2.76	0.5 U	0.5 U	9.11	0.5 U	0.5 U	--	1 U
MW-14d	220	USA	03/20/00		PMX	DS	1.47	0.5 U	0.5 U	0.958	0.5 U	0.5 U	0.5 U	0.5 U	2.88	0.5 U	3.43	0.5 U	0.5 U	13	0.5 U	0.5 U	--	1 U
MW-15i	25	USA	05/10/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-15i	40	USA	05/11/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.5 U	4.71	0.5 U	0.5 U	--	1 U
MW-15i	60	USA	05/11/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.52	0.5 U	0.5 U	--	1 U
MW-15i	80	USA	05/12/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.801	0.5 U	0.5 U	8.32	0.5 U	0.5 U	--	1 U
MW-15i	100	USA	05/15/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.84	0.5 U	1.27	0.5 U	0.5 U	19.4	0.5 U	0.5 U	--	1 U
MW-15i	120	USA	05/18/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.42	0.5 U	0.5 U	1 U	--
MW-15i	Top of Troutdale Formation at 121 ft bgs																							
MW-15i	140	TGA	05/19/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	23.8	0.5 U	0.5 U	1 U	--
MW-15i	160	TGA	05/22/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-15i	180	TGA	05/24/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-15i	200	TGA	05/25/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-15i	220	TGA	05/25/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-16d	25	USA	04/06/00		PMX	DS	1.94	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.8	0.5 U	5.67	0.5 U	0.5 U	131	0.5 U	0.5 U	--	1 U
MW-16d	40	USA	04/07/00		PMX	DS	6.17	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.07	5.06	0.5 U	16.7	0.5 U	0.5 U	427	0.5 U	0.5 U	--	1 U
MW-16d	60	USA	04/10/00		PMX	DS	6.33	0.5 U	1.41	1.44	0.5 U	0.5 U	0.5 U	0.5 U	17.7	0.5 U	25.7	0.5 U	0.768	449	0.5 U	0.5 U	--	1 U
MW-16d	80	USA	04/12/00	DP	PMX	DS	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	7.1	2.5 U	20.4	2.5 U	2.5 U	243	2.5 U	2.5 U	--	5 U
MW-16d	80	USA	04/12/00	D	PMX	DS	5.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	6.6	2.5 U	18.4	2.5 U	2.5 U	236	2.5 U	2.5 U	--	5 U
MW-16d	Top of Troutdale Formation at 96 ft bgs																							
MW-16d	100	TGA	04/13/00		PMX	DS	2.22	0.5 U	0.591	0.998	0.5 U	0.5 U	0.5 U	0.5 U	7.49	0.5 U	8.24	0.5 U	0.5 U	74.6	0.5 U	0.5 U	--	1 U
MW-16d	120	TGA	04/17/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U

Table 10-1: Nature and Extent of Contamination
Depth-Specific Samples Collected During Monitoring Well Installations - Cadet and SMC Sites
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Hydro-geological Unit	Sample Date	QC Code	Sample Collected By	Sample Collection Method	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	1,2-Dichloroethane (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	cis-1,2-Dichloroethene (ug/l)	Ethylbenzene (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	trans-1,2-Dichloroethene (ug/l)	Trichloroethene (ug/l)	Trichloro-fluoromethane (ug/l)	Vinyl chloride (ug/l)	Xylene (m,p) (ug/l)	Xylenes (total) (ug/l)
MW-16d	140	TGA	04/18/00	DP	PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-16d	140	TGA	04/18/00	D	PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-16d	160	TGA	04/19/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-16d	180	TGA	04/21/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-16d	200	TGA	04/24/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-16d	220	TGA	04/26/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-16d	240	TGA	04/28/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-17d	22	USA	01/28/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-17d	40	USA	01/31/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	2.1	0.5 U	2.1	0.5 U	0.5 U	3.91	0.5 U	0.5 U	1 U	--
MW-17d	60	USA	01/31/00		PMX	DS	0.69	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	3.48	0.5 U	3.53	0.5 U	0.5 U	22	0.5 U	0.5 U	1 U	--
MW-17d	80	USA	02/01/00		PMX	DS	3.02	0.5 U	0.59	0.68	0.5 U	2 U	0.5 U	0.5 U	6.58	0.5 U	10.1	0.5 U	0.5 U	155	0.5 U	0.5 U	1 U	--
MW-17d	Top of Troutdale Formation at 93 ft bgs																							
MW-17d	100	TGA	02/03/00		PMX	DS	0.72	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	1.35	0.5 U	2.2	0.5 U	0.5 U	30.2	0.5 U	0.5 U	1 U	--
MW-17d	120	TGA	02/08/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-17d	140	TGA	02/09/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-17d	160	TGA	02/10/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-17d	180	TGA	02/11/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-17d	200	TGA	02/15/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-18i	28	USA	06/13/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-18i	40	USA	06/14/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.75	0.5 U	0.5 U	1.99	0.5 U	0.5 U	1 U	--
MW-18i	60	USA	06/15/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	3.03	0.5 U	0.5 U	1.89	0.5 U	0.5 U	1 U	--
MW-18i	80	USA	06/15/00		PMX	DS	0.58	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.03	0.5 U	0.5 U	2.84	0.5 U	0.5 U	2.41	0.5 U	0.5 U	1 U	--
MW-18i	100	USA	06/16/00		PMX	DS	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.66	0.87	0.5 U	2.56	0.5 U	0.5 U	5.77	0.5 U	0.5 U	1 U	--
MW-18i	120	USA	06/19/00		PMX	DS	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.55	1.34	0.5 U	3.54	0.5 U	0.5 U	12.2	0.5 U	0.5 U	1 U	--
MW-18i	Top of Troutdale Formation at 129 ft bgs																							
MW-18i	140	TGA	06/23/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.27	0.5 U	0.5 U	1 U	--
MW-18i	160	TGA	06/26/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-18i	180	TGA	06/27/00		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-19i	32	USA	08/14/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	--	1 U
MW-19i	50	USA	08/14/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.543	0.5 U	0.5 U	2.78	1 U	0.5 U	--	1 U
MW-19i	70	USA	08/15/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.518	0.5 U	0.5 U	2.33	0.5 U	0.5 U	2.1	1 U	0.5 U	--	1 U
MW-19i	90	USA	08/15/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.948	0.5 U	1.96	0.5 U	0.5 U	5.79	0.5 U	0.5 U	--	1 U
MW-19i	110	USA	08/17/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.83	0.5 U	2.55	0.5 U	0.5 U	12.2	0.5 U	0.5 U	--	1 U
MW-19i	130	USA	08/21/00		PMX	DS	1.22	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.38	0.5 U	3.77	0.5 U	0.5 U	30.2	1 U	0.5 U	--	1 U
MW-19i	Top of Troutdale Formation at 132 ft bgs																							
MW-19i	150	TGA	08/22/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	--	1 U
MW-19i	170	TGA	08/24/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	--	1 U
MW-19i	190	TGA	08/25/00		PMX	DS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	--	1 U
MW-24i	65	USA	04/11/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-24i	85	USA	04/12/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.68	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-24i	105	USA	04/12/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.13	0.5 U	0.5 U	2.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-24i	Top of Troutdale Formation at 123 ft bgs																							
MW-24i	125	TGA	04/17/01	DP	PMX	DS	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.23	0.5 U	0.5 U	0.7	0.5 U	0.5 U	0.78	0.5 U	0.5 U	1 U	--
MW-24i	125	TGA	04/17/01	D	PMX	DS	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.36	0.5 U	0.5 U	0.66	0.5 U	0.5 U	0.65	0.5 U	0.5 U	1 U	--
MW-24i	145	TGA	04/18/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-24i	165	TGA	04/20/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-26i	85	USA	05/04/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.55	0.5 U	0.5 U	1 U	--
MW-26i	105	USA	05/04/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	1 U	--
MW-26i	120	USA	05/08/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.86	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-26i	Top of Troutdale Formation at 129 ft bgs																							
MW-26i	140	TGA	05/05/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-26i	160	TGA	05/11/01	DP	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-26i	160	TGA	05/11/01	D	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-26i	180	TGA	05/15/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-28i	30	USA	03/26/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.76	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	2.18	0.5 U	0.5 U	1 U	--
MW-28i	50	USA	03/26/01		PMX	DS	0.71	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.15	0.5 U	2.9	0.5 U	0.5 U	40.2	0.5 U	0.5 U	1 U	--
MW-28i	70	USA	03/27/01	DP	PMX	DS	2.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	7.14	1 U	9.88	1 U	1 U	209	1 U	1 U	2 U	--
MW-28i	70	USA	03/27/01	D	PMX	DS	1.98	1 U	1 U	1 U	1 U	1 U	1 U	1 U	7.34	1 U	9.8	1 U	1 U	206	1 U	1 U	2 U	--
MW-28i	90	USA	03/28/01		PMX	DS	0.73	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.65	0.5 U	2.5	0.5 U	0.5 U	27.3	0.5 U	0.5 U	1 U	--
MW-28i	Top of Troutdale Formation at 92 ft bgs																							
MW-28i	110	TGA	03/30/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-28i	130	TGA	04/02/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-29i	30	USA	03/06/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-29i	50	USA	03/07/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--

Table 10-1: Nature and Extent of Contamination
Depth-Specific Samples Collected During Monitoring Well Installations - Cadet and SMC Sites
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Hydro-geological Unit	Sample Date	QC Code	Sample Collected By	Sample Collection Method	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	1,2-Dichloroethane (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	cis-1,2-Dichloroethene (ug/l)	Ethylbenzene (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	trans-1,2-Dichloroethene (ug/l)	Trichloroethene (ug/l)	Trichloro-fluoromethane (ug/l)	Vinyl chloride (ug/l)	Xylene (m,p) (ug/l)	Xylenes (total) (ug/l)
MW-29i	70	USA	03/08/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-29i	90	USA	03/08/01	DP	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-29i	90	USA	03/08/01	D	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-29i	110	USA	03/12/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-29i	130	USA	03/14/01		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-30i	29	USA	02/06/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-30i	45	USA	02/06/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.91	0.5 U	1.67	0.5 U	0.5 U	1.19	0.5 U	0.5 U	1 U	--
MW-30i	65	USA	02/07/03	DP	PMX	DS	0.5 U	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.42	0.5 U	10.5	0.5 U	0.5 U	4.17	0.5 U	0.5 U	1 U	--
MW-30i	65	USA	02/07/03	D	PMX	DS	0.5 U	0.5 U	0.74	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.47	0.5 U	10.5	0.5 U	0.5 U	4.27	0.5 U	0.5 U	1 U	--
MW-30i	85	USA	02/10/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.83	0.5 U	8.35	0.5 U	0.5 U	2.91	0.5 U	0.5 U	1 U	--
MW-30i	105	USA	02/10/03		PMX	DS	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.12	0.5 U	15.7	0.5 U	0.5 U	6.42	0.5 U	0.5 U	1 U	--
MW-30i	125	USA	02/13/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.74	0.5 U	4.56	0.5 U	0.5 U	2.53	0.5 U	0.5 U	1 U	--
MW-30i	145	USA	02/14/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	1.44	0.5 U	0.5 U	2.01	0.5 U	0.5 U	1 U	--
MW-30i	Top of Troutdale Formation at 162 ft bgs																							
MW-30i	165	TGA	02/17/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-30i	185	TGA	02/19/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-31i	28	USA	01/10/03		PMX	DS	4.38	0.5 U	9.1	6.55	0.5 U	0.5 U	0.5 U	0.5 U	105	0.5 U	94.5	0.5 U	0.58	167	0.5 U	0.5 U	1 U	--
MW-31i	45	USA	01/10/03		PMX	DS	2.8	0.5 U	4.53	3.34	0.5 U	0.5 U	0.5 U	0.5 U	59	0.5 U	72.1	0.5 U	0.62	121	0.5 U	0.5 U	1 U	--
MW-31i	65	USA	01/13/03		PMX	DS	1.79	0.5 U	2.41	1.69	0.5 U	0.5 U	0.5 U	0.5 U	35.5	0.5 U	72.5	0.5 U	0.5 U	63.6	0.5 U	0.5 U	1 U	--
MW-31i	85	USA	01/14/03	DP	PMX	DS	2.27	0.5 U	2.25	1.42	0.5 U	0.5 U	0.5 U	0.5 U	30.7	0.5 U	108	0.5 U	0.5 U	54	0.5 U	0.5 U	1 U	--
MW-31i	85	USA	01/14/03	D	PMX	DS	2.33	0.5 U	2.29	1.37	0.5 U	0.5 U	0.5 U	0.5 U	31.7	0.5 U	109	0.5 U	0.5 U	54.4	0.5 U	0.5 U	1 U	--
MW-31i	Top of Troutdale Formation at 100 ft bgs																							
MW-31i	105	TGA	01/15/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.18	0.5 U	9.94	0.5 U	0.5 U	5.94	0.5 U	0.5 U	1 U	--
MW-31i	125	TGA	01/20/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-31i	145	TGA	01/22/03		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-32i	39	USA	07/08/04		PMX	DS	2.48	0.5 U	4.08	2.27	0.5 U	0.5 U	0.5 U	0.5 U	56.5	0.5 U	129	0.5 U	1.3	114	0.5 U	0.5 U	1 U	--
MW-32i	60	USA	07/09/04		PMX	DS	3.52	0.5 U	5.91	2.82	0.5 U	0.5 U	0.5 U	0.5 U	86.9	0.5 U	170	0.5 U	2.46	133	0.5 U	0.5 U	1 U	--
MW-32i	80	USA	07/09/04		PMX	DS	1.29	0.5 U	1.7	0.74	0.5 U	0.5 U	0.5 U	0.5 U	22.6	0.5 U	62.4	0.5 U	0.5 U	37.7	0.5 U	0.5 U	1 U	--
MW-32i	Top of Troutdale Formation at 99 ft bgs																							
MW-32i	100	TGA	07/12/04	DP	PMX	DS	1.08	0.5 U	1.37	0.64	0.5 U	0.5 U	0.5 U	0.5 U	16.8	0.5 U	48.5	0.5 U	0.5 U	31.4	0.5 U	0.5 U	1 U	--
MW-32i	100	TGA	07/12/04	D	PMX	DS	1.18	0.5 U	1.4	0.66	0.5 U	0.5 U	0.5 U	0.5 U	16.3	0.5 U	49.7	0.5 U	0.5 U	31.2	0.5 U	0.5 U	1 U	--
MW-32i	120	TGA	07/14/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-32i	140	TGA	07/15/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-33i	35	USA	07/26/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.12 UB	0.5 U	0.5 U	0.67	0.5 U	0.5 U	0.56	0.5 U	0.5 U	1 U	--
MW-33i	55	USA	07/27/04		PMX	DS	0.95	0.5 U	1.85	0.84	0.5 U	0.5 U	0.5 U	0.5 U	21	0.5 U	34.8	0.5 U	0.5 U	25.5	0.5 U	0.5 U	1 U	--
MW-33i	75	USA	07/27/04	DP	PMX	DS	0.82	0.5 U	1.03	0.5	0.5 U	0.5 U	0.5 U	0.5 U	12.4	0.5 U	31.4	0.5 U	0.5 U	19.7	0.5 U	0.5 U	1 U	--
MW-33i	75	USA	07/27/04	D	PMX	DS	0.86	0.5 U	1.02	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12.4	0.5 U	31.9	0.5 U	0.5 U	19.4	0.5 U	0.5 U	1 U	--
MW-33i	95	USA	07/28/04		PMX	DS	0.85	0.5 U	0.81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.29	0.5 U	28	0.5 U	0.5 U	18.5	0.5 U	0.5 U	1 U	--
MW-33i	115	USA	07/28/04		PMX	DS	1.01	0.5 U	1.46	0.64	0.5 U	0.5 U	0.5 U	0.5 U	13.8	0.5 U	18.4	0.5 U	0.5 U	20.1	0.5 U	0.5 U	1 U	--
MW-33i	Top of Troutdale Formation at 125 ft bgs																							
MW-33i	135	TGA	07/29/04		PMX	DS	0.73	0.5 U	0.86	0.51	0.5 U	0.5 U	0.5 U	0.5 U	8.64	0.5 U	13.6	0.5 U	0.5 U	15.5	0.5 U	0.5 U	1 U	--
MW-33i	155	TGA	08/03/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-33i	175	TGA	08/04/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-34i	40	USA	09/17/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-34i	60	USA	09/21/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.48	0.5 U	6.21	0.5 U	0.5 U	2.1	0.5 U	0.5 U	1 U	--
MW-34i	78	USA	09/22/04		PMX	DS	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.61	0.5 U	11.2	0.5 U	0.5 U	4.6	0.5 U	0.5 U	1 U	--
MW-34i	100	USA	09/28/04	DP	PMX	DS	0.5 U	0.5 U	0.66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.35	0.5 U	11.4	0.5 U	0.5 U	5.13	0.5 U	0.5 U	1 U	--
MW-34i	100	USA	09/28/04	D	PMX	DS	0.5 U	0.5 U	0.62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.12	0.5 U	11.3	0.5 U	0.5 U	5.06	0.5 U	0.5 U	1 U	--
MW-34i	120	USA	09/30/04		PMX	DS	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.86	0.5 U	6.94	0.5 U	0.5 U	3.51	0.5 U	0.5 U	1 U	--
MW-34i	140	USA	10/04/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.97	0.5 U	2.28	0.5 U	0.5 U	2.05	0.5 U	0.5 U	1 U	--
MW-34i	160	USA	10/05/04		PMX	DS	0.51	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.65	0.5 U	0.5 U	2.13	0.5 U	0.5 U	1 U	--
MW-34i	Top of Troutdale Formation at 165 ft bgs																							
MW-34i	180	TGA	10/07/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-35i	40	USA	10/04/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-35i	60	USA	10/04/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.05	0.5 U	0.5 U	4.48	0.5 U	0.5 U	1 U	--
MW-35i	80	USA	10/05/04		PMX	DS	0.59	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.49	0.5 U	3.65	0.5 U	0.5 U	9.89	0.5 U	0.5 U	1 U	--
MW-35i	100	USA	10/06/04		PMX	DS	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.56	0.5 U	5.8	0.5 U	0.5 U	15.1	0.5 U	0.5 U	1 U	--
MW-35i	120	USA	10/07/04	DP	PMX	DS	1.36	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3	0.5 U	7.94	0.5 U	0.5 U	37.2	0.5 U	0.5 U	1 U	--
MW-35i	120	USA	10/07/04	D	PMX	DS	1.35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.1	0.5 U	7.98	0.5 U	0.5 U	37.6	0.5 U	0.5 U	1 U	--
MW-35i	Top of Troutdale Formation at 131 ft bgs																							
MW-35i	140	TGA	10/08/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.69	0.5 U	0.5 U	6.81	0.5 U	0.5 U	1 U	--
MW-35i	160	TGA	10/12/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-35i	180	TGA	10/13/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.37	0.5 U	0.5 U	1 U	--
MW-36i	40	USA	09/13/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.23 UB	0.5 U	0.5 U	0.7	0.5 U	0.5 U	3.41	0.5 U	0.5 U	1 U	--

Table 10-1: Nature and Extent of Contamination
Depth-Specific Samples Collected During Monitoring Well Installations - Cadet and SMC Sites
Former Building 2220 Site, Port of Vancouver

Well Name	Sample Depth (ft bgs)	Hydro-geological Unit	Sample Date	QC Code	Sample Collected By	Sample Collection Method	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	1,1-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	1,2-Dichloroethane (ug/l)	Carbon tetrachloride (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	cis-1,2-Dichloroethene (ug/l)	Ethylbenzene (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	trans-1,2-Dichloroethene (ug/l)	Trichloroethene (ug/l)	Trichloro-fluoromethane (ug/l)	Vinyl chloride (ug/l)	Xylene (m,p) (ug/l)	Xylenes (total) (ug/l)
MW-36i	60	USA	09/14/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.37	0.5 U	3.79	0.5 U	0.5 U	23.6	0.5 U	0.5 U	1 U	--
MW-36i	80	USA	09/14/04	DP	PMX	DS	1.35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53 UB	2.82	0.5 U	8.05	0.5 U	0.5 U	34.8	0.5 U	0.5 U	1 U	--
MW-36i	80	USA	09/14/04	D	PMX	DS	1.23	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.62	0.5 U	7.95	0.5 U	0.5 U	34.5	0.5 U	0.5 U	1 U	--
MW-36i	100	USA	09/15/04		PMX	DS	2.87	0.5 U	0.5 U	0.55	0.5 U	0.5 U	0.5 U	0.5 U	3.9	0.5 U	13.4	0.5 U	0.5 U	79.6	0.5 U	0.5 U	1 U	--
MW-36i	Top of Troutdale Formation at 107 ft bgs																							
MW-36i	120	TGA	09/17/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	1 U	--
MW-36i	140	TGA	09/21/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-36i	160	TGA	09/23/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.81 UB	--
MW-37i	40	USA	08/13/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-37i	60	USA	08/16/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.07 UB	0.5 U	0.5 U	0.75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-37i	80	USA	08/16/04	DP	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.37 UB	0.5 U	0.5 U	0.72	0.5 U	0.5 U	1.05	0.5 U	0.5 U	1 U	--
MW-37i	80	USA	08/16/04	D	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.29 UB	0.5 U	0.5 U	0.66	0.5 U	0.5 U	1	0.5 U	0.5 U	1 U	--
MW-37i	100	USA	08/17/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.33 UB	0.5 U	0.5 U	0.64	0.5 U	0.5 U	1.1	0.5 U	0.5 U	1 U	--
MW-37i	110	USA	08/20/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	47.2	0.5 U	0.5 U	1 U	--
MW-37i	120	USA	08/17/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	48.8	0.5 U	0.5 U	1 U	--
MW-37i	120	USA	08/19/04	R	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	44.3	0.5 U	0.5 U	1 U	--
MW-37i	130	USA	08/20/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	46	0.5 U	0.5 U	1 U	--
MW-37i	Top of Troutdale Formation at 140 ft bgs																							
MW-37i	140	TGA	08/23/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	35.5	0.5 U	0.5 U	1 U	--
MW-37i	160	TGA	08/27/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.38	0.5 U	0.5 U	1 U	--
MW-37i	180	TGA	08/30/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.66	0.5 U	0.5 U	1 U	--
MW-38i	50	USA	10/19/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.47	0.5 U	0.5 U	1 U	--
MW-38i	70	USA	10/20/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.85	0.5 U	0.5 U	1 U	--
MW-38i	90	USA	10/21/04	DP	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.83 UB	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.71	0.5 U	0.5 U	1 U	--
MW-38i	90	USA	10/21/04	D	PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.81 UB	0.5 U	0.5 U	0.71	0.5 U	0.5 U	0.7	0.5 U	0.5 U	1 U	--
MW-38i	112	USA	10/22/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.89 UB	0.5 U	0.5 U	0.88	0.5 U	0.5 U	0.87	0.5 U	0.5 U	1 U	--
MW-38i	130	USA	10/25/04		PMX	DS	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.87 UB	0.83	0.5 U	2.04	0.5 U	0.5 U	4.59	0.5 U	0.5 U	1 U	--
MW-38i	150	USA	10/26/04		PMX	DS	2.66	0.5 U	0.92	1.15	0.5 U	0.5 U	0.5 U	0.64 UB	5.48	0.5 U	2.74	0.5 U	0.5 U	45.1	0.5 U	0.5 U	1 U	--
MW-38i	Top of Troutdale Formation at 156 ft bgs																							
MW-38i	170	TGA	10/28/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.61	0.5 U	0.5	0.5 U	0.5 U	7.9	0.5 U	0.5 U	1 U	--
MW-38i	190	TGA	11/02/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--
MW-38i	210	TGA	11/04/04		PMX	DS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	--

Notes:
-- = constituent was not analyzed for.
U = not detected above reported limit
UJ = not detected above reported limit, however the reported limit is approximate
UB = not detected above reported limit, however, result may be due to cross-contamination or lab contamination
J = approximate concentration
NM = not measured

Table 10-2: Nature and Extent of Contamination
TCE Correlation Coefficients - 2002 to 2007
Former Building 2220 Site, Port of Vancouver

WQZ	Well ID	2002 - 2007Q1 Correlation Coefficient (r)	2002 - 2007Q1 Coefficient of Determination (r^2)	Overall Trend
USA Shallow Zone	MW-02	-0.55	0.31	decreasing
	MW-03	-0.24	0.06	no correlation
	MW-04	0.02	0.00	no correlation
	MW-05	-0.27	0.07	no correlation
	MW-06	0.42	0.18	increasing
	MW-07	-0.53	0.28	decreasing
	MW-08	0.45	0.21	increasing
	MW-09	-0.15	0.02	no correlation
	MW-10	0.62	0.38	increasing
	MW-11	0.03	0.00	no correlation
	MW-16	-0.56	0.31	decreasing
	MW-19s	-0.86	0.74	decreasing
	MW-20	-0.78	0.62	decreasing
	MW-21	-0.83	0.69	decreasing
	MW-25	-0.54	0.30	decreasing
	MW-36s	0.21	0.05	no correlation
	MW-E	-0.50	0.25	decreasing
	MW-G	0.83	0.69	increasing
USA Intermediate Zone	MW-05i	0.51	0.26	increasing
	MW-07i	-0.82	0.68	decreasing
	MW-18i	-0.41	0.17	decreasing
	MW-19i	-0.53	0.28	decreasing
	MW-26i	-0.14	0.02	no correlation
	MW-28i	-0.22	0.05	no correlation
	MW-30i	-0.64	0.42	decreasing
	MW-31i	0.09	0.01	no correlation
	MW-32i	-0.74	0.55	decreasing
	MW-33i	-0.62	0.38	decreasing
	MW-34i	-0.66	0.43	decreasing
	MW-35i	-0.66	0.43	decreasing
	MW-36i	-0.78	0.61	decreasing
	MW-37i	-0.17	0.03	no correlation
	MW-38i	0.47	0.22	increasing
USA Deep Zone	MW-01d	-0.31	0.10	no correlation
	MW-05d	0.51	0.26	increasing
	MW-12d	-0.60	0.36	decreasing
	MW-14d	0.41	0.17	increasing
TGA	MW-15i	-0.09	0.01	no correlation

Table 10-3: Nature and Extent of Contamination
Trichlorofluoromethane Concentrations in Groundwater
Former Building 2220 Site, Port of Vancouver

Sample Location	Location Type	Number of Detections	Maximum Concentration (µg/l)	Sample Date	Sample Depth (ft bgs)
SMC Locations					
MW-01d	MW	27	1.67	08/18/04	216
MW-02d	DS	1	1.07	11/16/98	160
MW-02d	DS	1	0.85	11/20/98	220
Cadet Locations					
CM-GP-007	DP	1	2.19	03/10/99	20
CM-GP-054	DP	1	6.48	03/15/01	22
CM-GP-056	DP	1	7.62	03/15/01	22
CM-GP-058	DP	1	1.04	03/14/01	22
CM-GP-059	DP	1	1.35	03/14/01	22
CM-GP-078	DP	1	2.24	03/15/01	26
CM-GP-079	DP	1	12.8	03/15/01	22
CM-GP-080	DP	1	1.25	03/15/01	22
CM-GP-091	DP	1	0.5	06/27/02	40
CM-MW-01d-194	MW	1	0.55	02/04/02	194
CM-MW-01d-224	MW	21	1.07	06/08/06	224
CM-MW-02d	MW	17	1.6	02/08/01	225
CM-MW-02d	DS	1	0.62	11/03/00	40
CM-MW-02d	DS	1	0.52	11/10/00	170
CM-MW-03d-227	MW	15	1.33	08/18/05	227
CM-MW-05d	MW	25	1.57	05/26/03	211.5
CM-MW-18d	MW	10	0.65	06/01/06	193.5
CM-MW-19d	MW	12	0.9	08/24/04	173
ST Services Locations					
ST-MW-03	MW	1	2.5	3/19/2002	35
ST-MW-04	MW	2	5.7	9/24/1996	38

Notes:
MW = monitoring well sample
DP = direct-push sample
DS = depth-specific sample

Figures

Analysis by A Wainhouse; Analysis Date: 25-April-2006; Plot Date: October-2006; File Name: POV_F1_SiteLocation_Edit.mxd

N

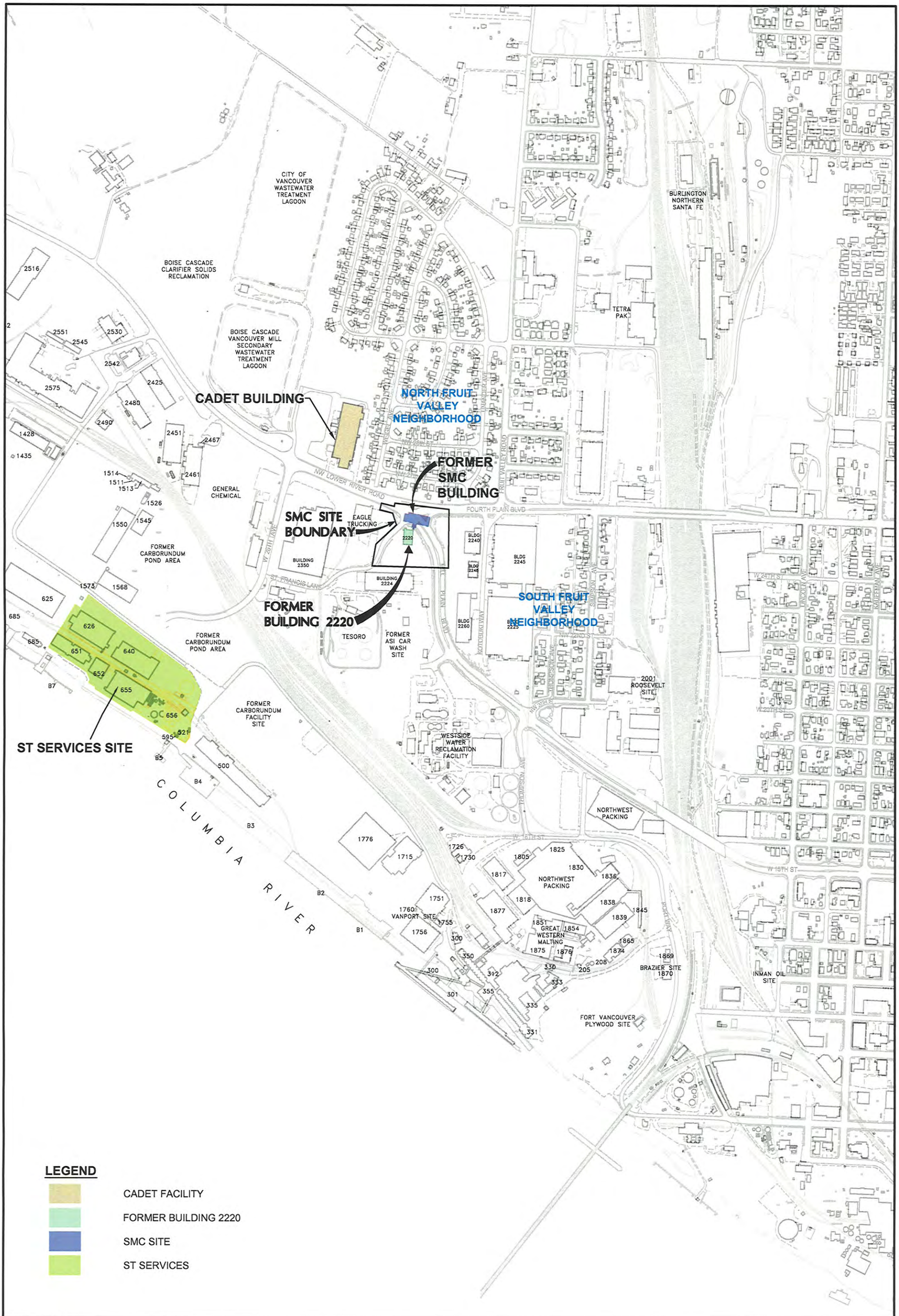
Site Location

Parametrix

0 500 1,000 Feet

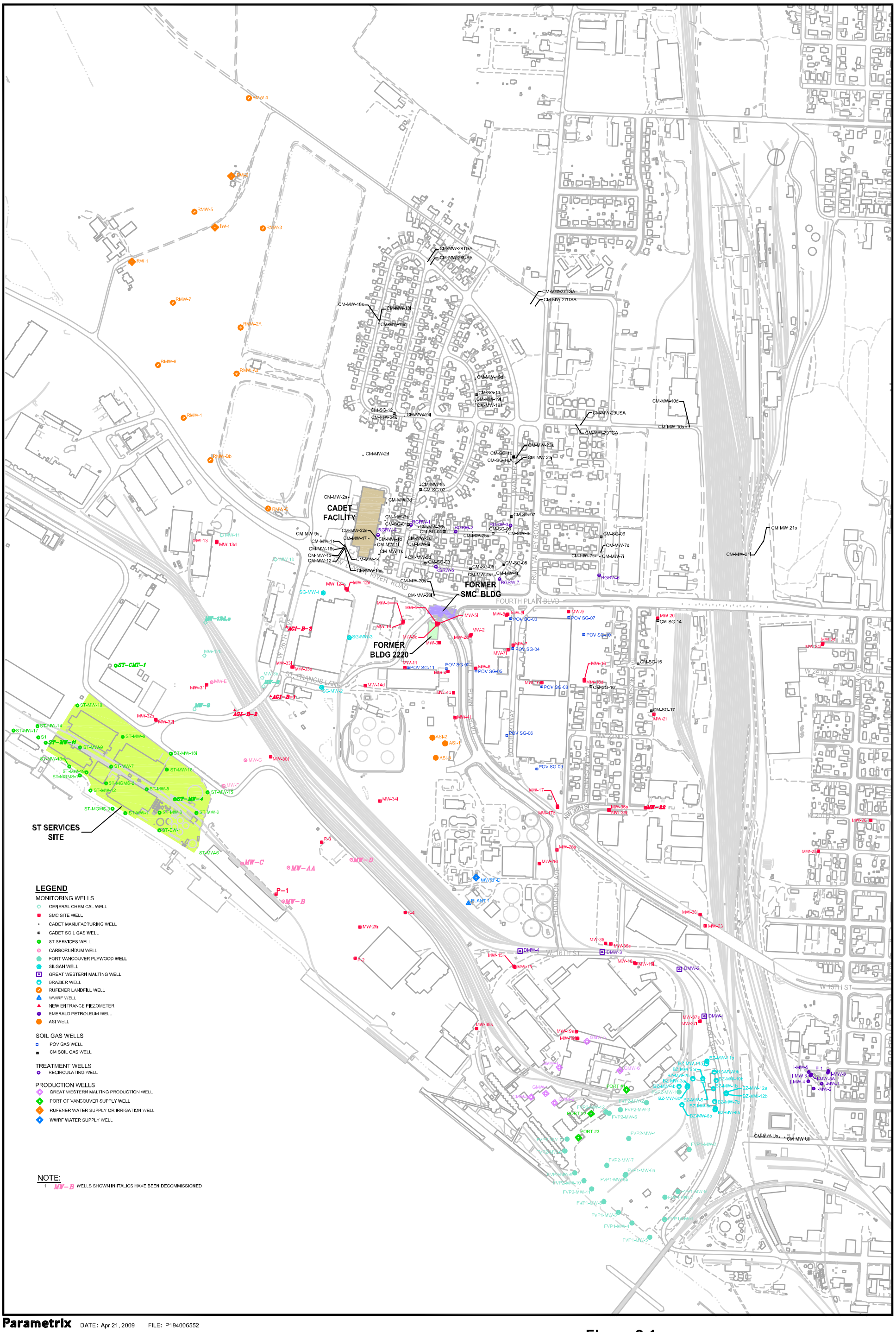
Figure 1-1
Site Location Map

Final Remedial Investigation Report
Port of Vancouver, Washington



Parametrix DATE: 04/25/06 09:14am FILE: P194006448

Figure 1-2
Project Area
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Apr 21, 2009 FILE: P194006552

N

0 650'

SCALE IN FEET

Figure 2-1
Project Area Well Network

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

Date: 04/22/09 File: Final_RI_09/FormerSMCBuilding_Locations.mxd

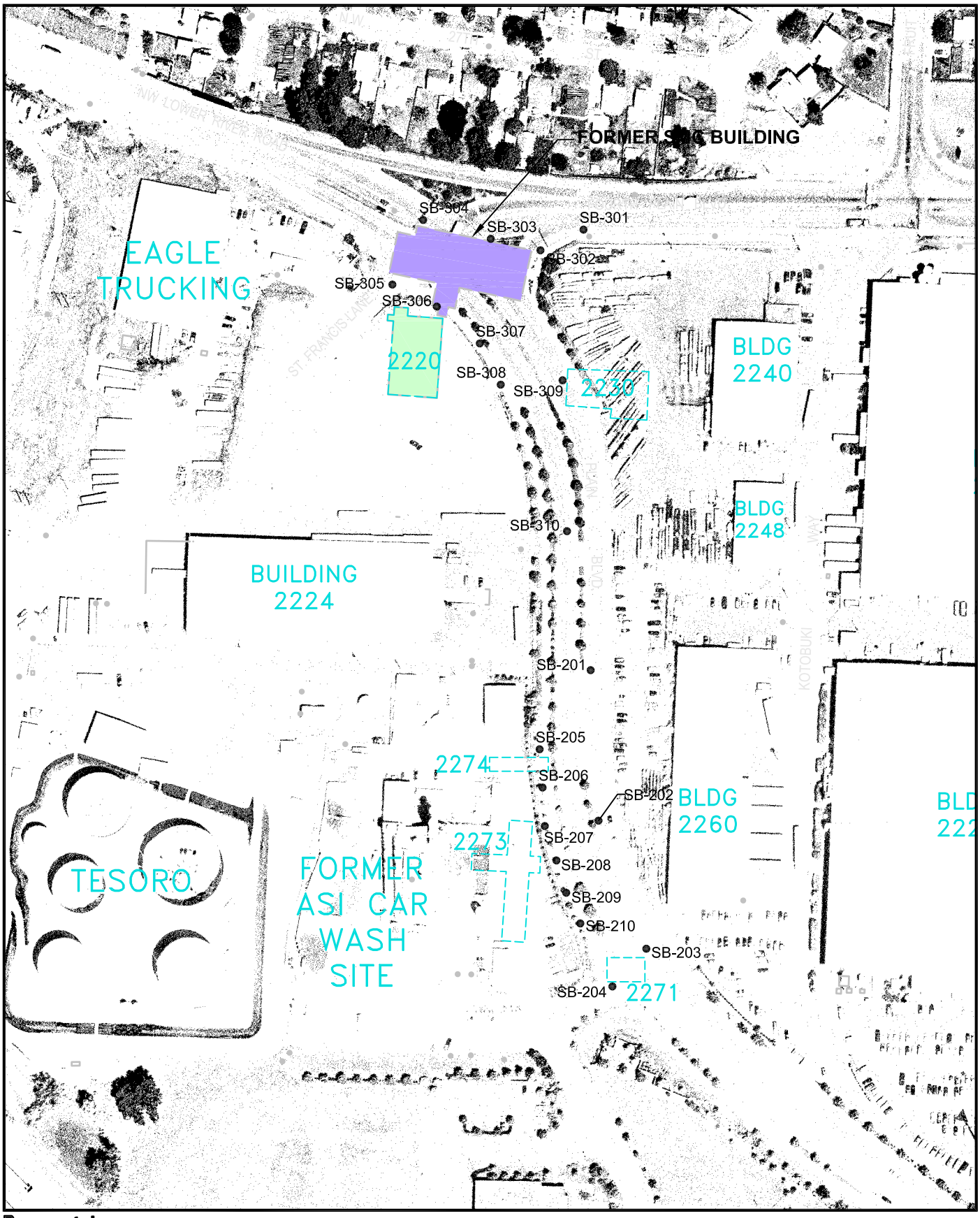
N

Parametrix

Site Location

0 250 500 Feet

Figure 2-2
Former SMC Building and Building 2220 Locations
Final Remedial Investigation Report
Port of Vancouver, Washington



Parametrix DATE: Jan 14, 2009 FILE: P194006523

N

0 200'

APPROXIMATE SCALE

LEGEND

- APPROXIMATE PROBE BORING LOCATION
- FORMER BUILDINGS LEASED BY ASI

Figure 2-3
Mill Plain Boulevard Extension Project
Site Investigation Boring Locations

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

Date: 04/21/09 File: SMC_Cadet_WellNetwork.mxd

Figure 2-4
SMC and Cadet Vicinity Well Network

Final Remedial Investigation Report
Port of Vancouver, Washington

Date: 05/08/09 File Name: Cadet_SystemLocations.mxd

N

Data Source: Parcel and Street data from Clark County GIS database (Aug 2008).

Notes: Taxlot 62639030 was divided into three sections to more clearly show foundation types (1801 4th Plain, 2506 and 2500 Simpson.)
Taxlot 62580000 was divided into two sections to more clearly show foundation types (1904 W 22nd and 2200 Thompson.)
Taxlot 62575000 was divided into two sections to more clearly show foundation types (2204 and 2206 Thompson.)

0 250 500 Feet

Figure 2-5

Cadet Site AS/SVE, RGRW, and SVV System Locations
Final Remedial Investigation Report
Port of Vancouver, WA

Parametrix

RMW-06
RMW-Aa
RMW-01
RMW-Bb
RMW-C
CM-SG-12
CM-MW-24s
CM-MW-24i
CM-MW-02d
Cadet Building
CM-MW-02s
CM-MW-03d
CM-MW-01d
CM-MW-03s
CM-MW-22s
CM-MW-09s
CM-MW-17i
CM-SG-01
CM-MW-01i
RGRW-04
CM-MW-16s
CM-MW-15s
CM-MW-01s
CM-MW-05d
CM-SG-03
LOWER RIVER RD
MW-13d
MW-13
MW-12
MW-12d
MW-01d
MW-05
MW-01
SG-MW-03
GC-MW-12b
MW-33i
MW-33s
POV-SG-01
MW-11
GC-MW-08
MW-14d
MW-E
MW-31i
ST-CMT1
ST-MW-10
MW-32i
MW-32s
ST-MW-17
ST-MW-14
STS Warehouse 17
ST-MW-08
ST-MW-11
ST-MW-09
ST SERVICES SITE
ASI-06
ASI-02
ASI-07
ASI-01
MW-30i
ST-MW-18i
ST-MW-19
ST-IW
STS Warehouse 15
STS Warehouse 14
ST-MW-16
MW-G
ST-MW-13
ST-MW-07
ST-MGMS2
ST-MW-05
MW-F
Source Area
ST-MW-12
STS Warehouse 9
ST-MW-04
ST-MW-15
MW-34i
STS Warehouse 13
ST-MW-01
ST-MW-03
ST-MW-02
ST-MGMS3
Source Area
ST-EW-01
ST-MW-06
MW-C
MW-AA
MW-B
MW-29i

Monitoring Wells
- General Chemical Well
- SMC Site Well
- Cadet Manufacturing Well
- ST Services Well
- Soil Gas Well
- Carborundum Well
- Silgan Well
- ASI Well
- Rufener Landfill Well

Treatment Wells
- Recirculating Well

Date: 04/21/09 File: ST_Services_WellNetwork.mxd

N

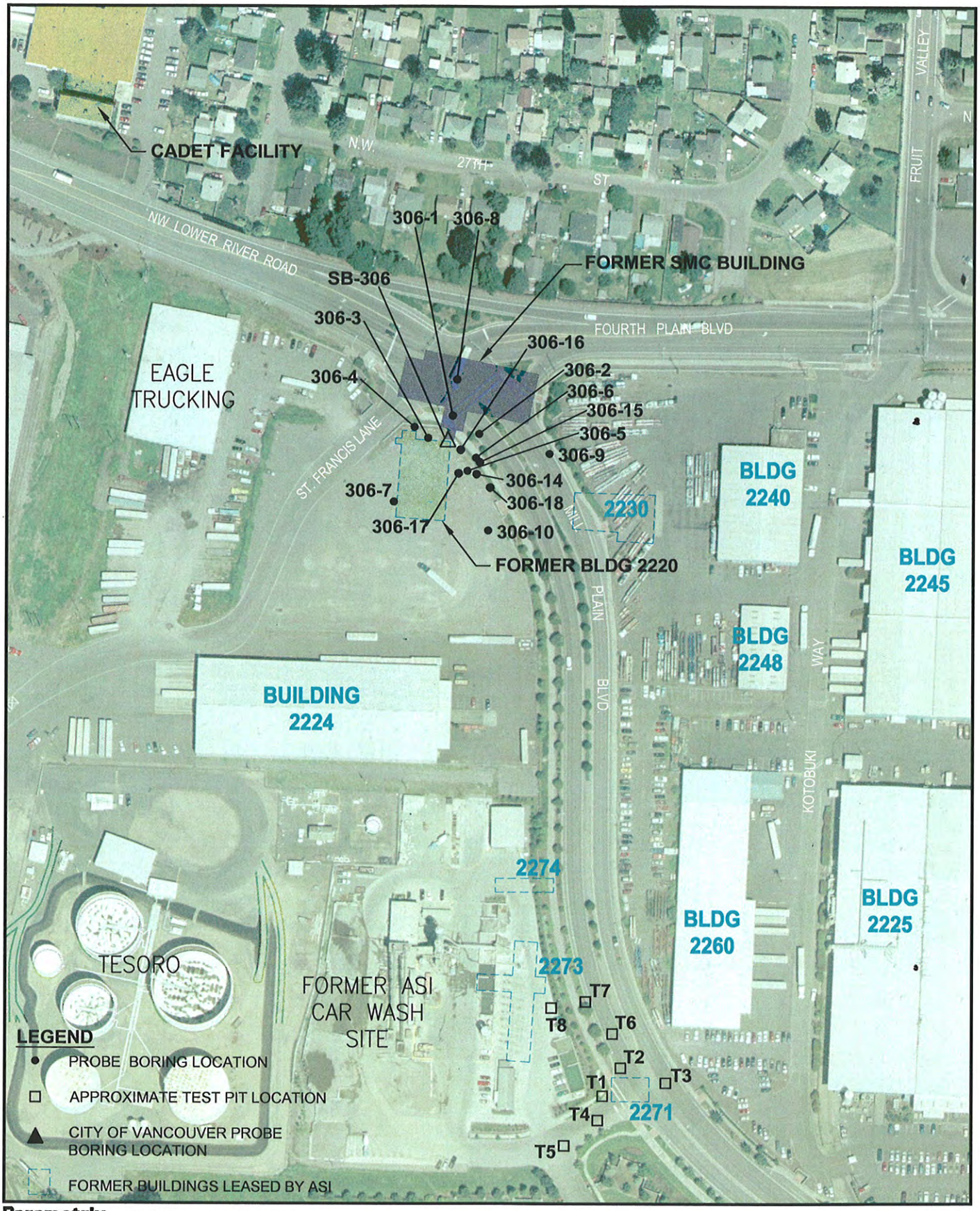
Parametrix

Site Location

0 250 500 Feet

Figure 2-6
ST Services Well Network

Final Remedial Investigation Report
Port of Vancouver, Washington



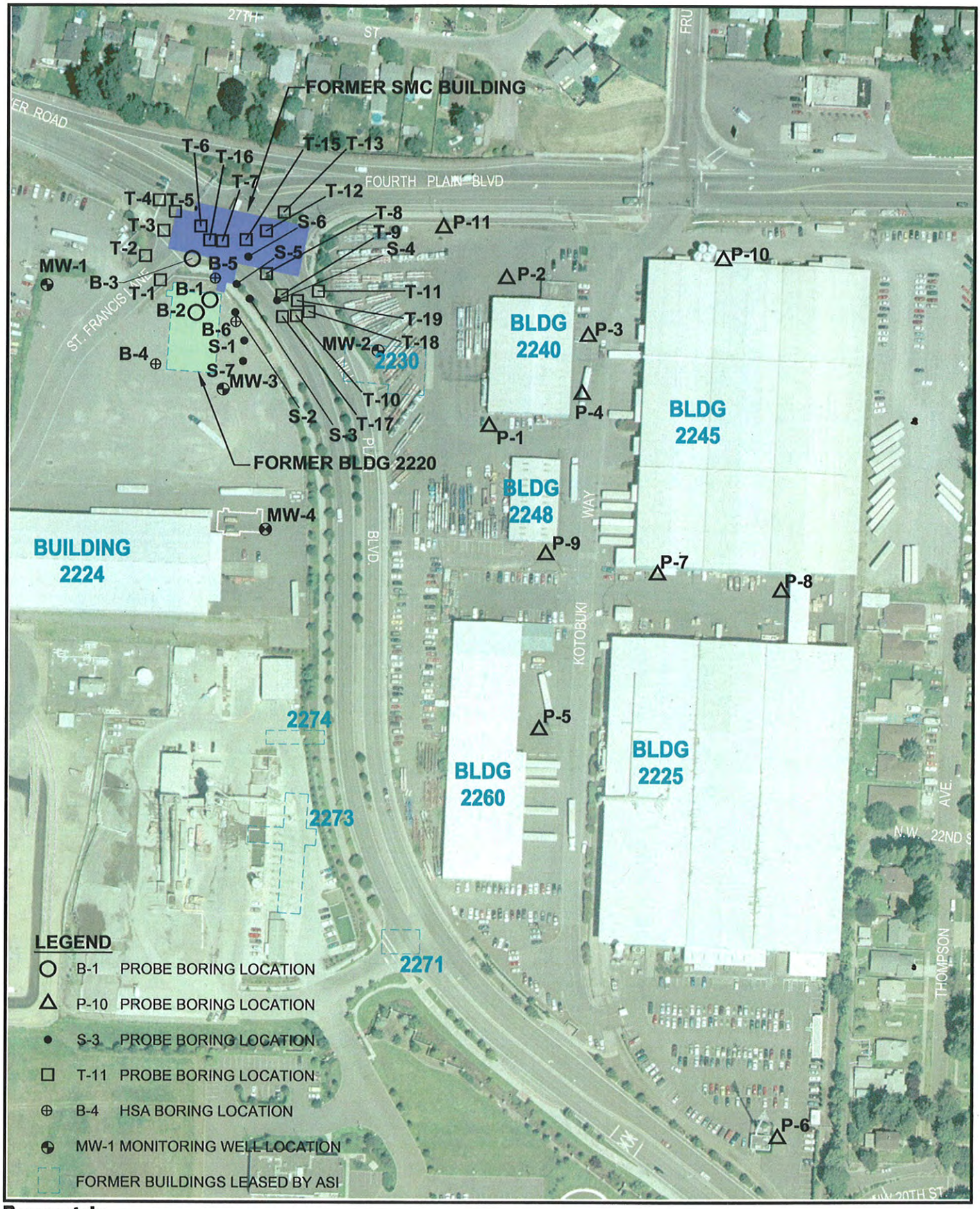
Parametrix DATE: Mar 27, 2007 FILE: P194006496

N

0 200'

SCALE IN FEET

Figure 3-1
Pre-RI Work Plan Environmental Assessment
Boring, Test Pit, and Former Building Locations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006497

N

0 200'

SCALE IN FEET

Figure 3-2
Pre-RI Work Plan Second Site Investigation Boring and Monitoring Well Locations

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

Parametrix DATE: Mar 27, 2007 FILE: P194006516

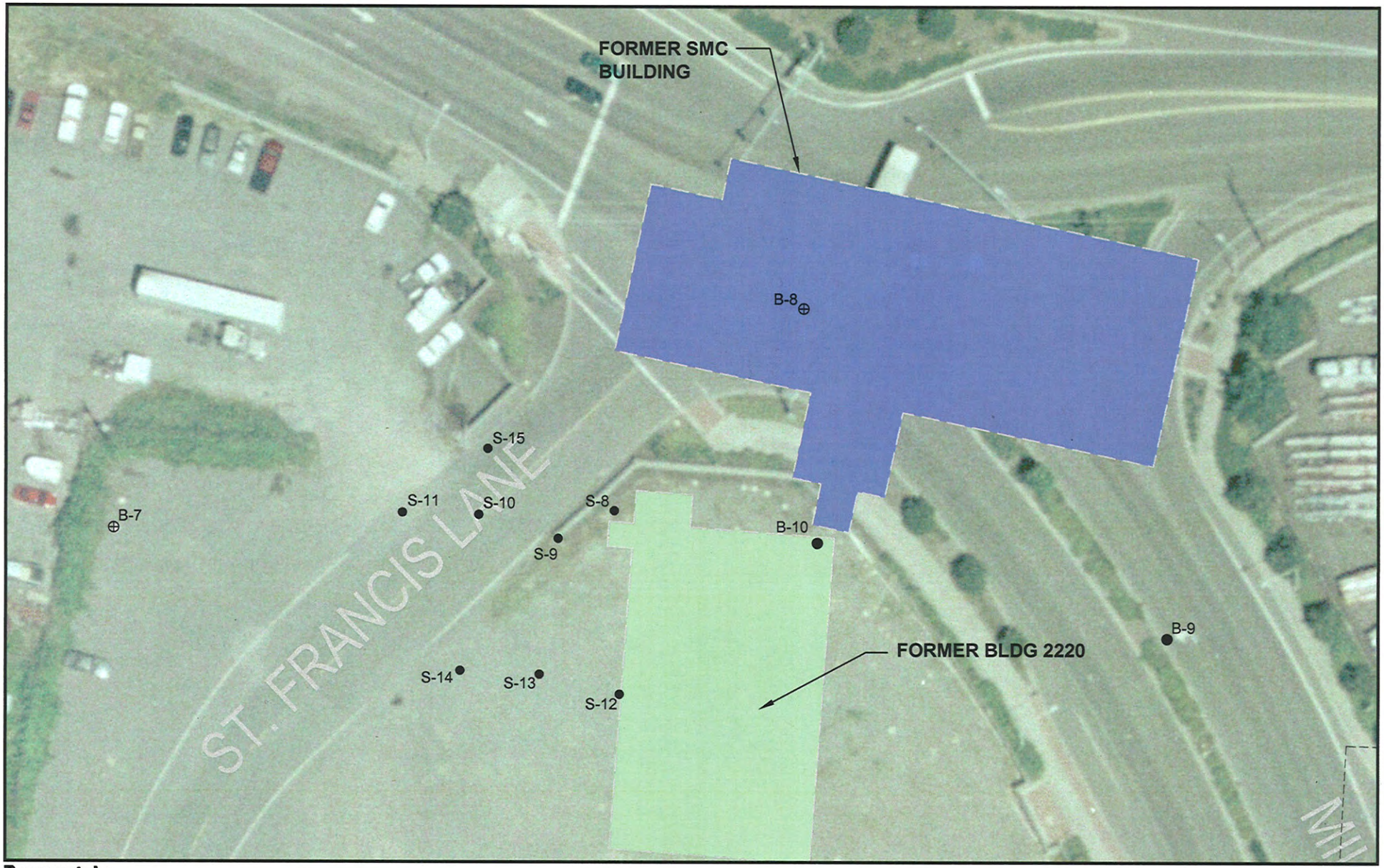
N

0 400'

SCALE IN FEET

Figure 3-3
Pre-RI Work Plan Third Site Investigation
FVN Boring Locations

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006512

N

0 50'

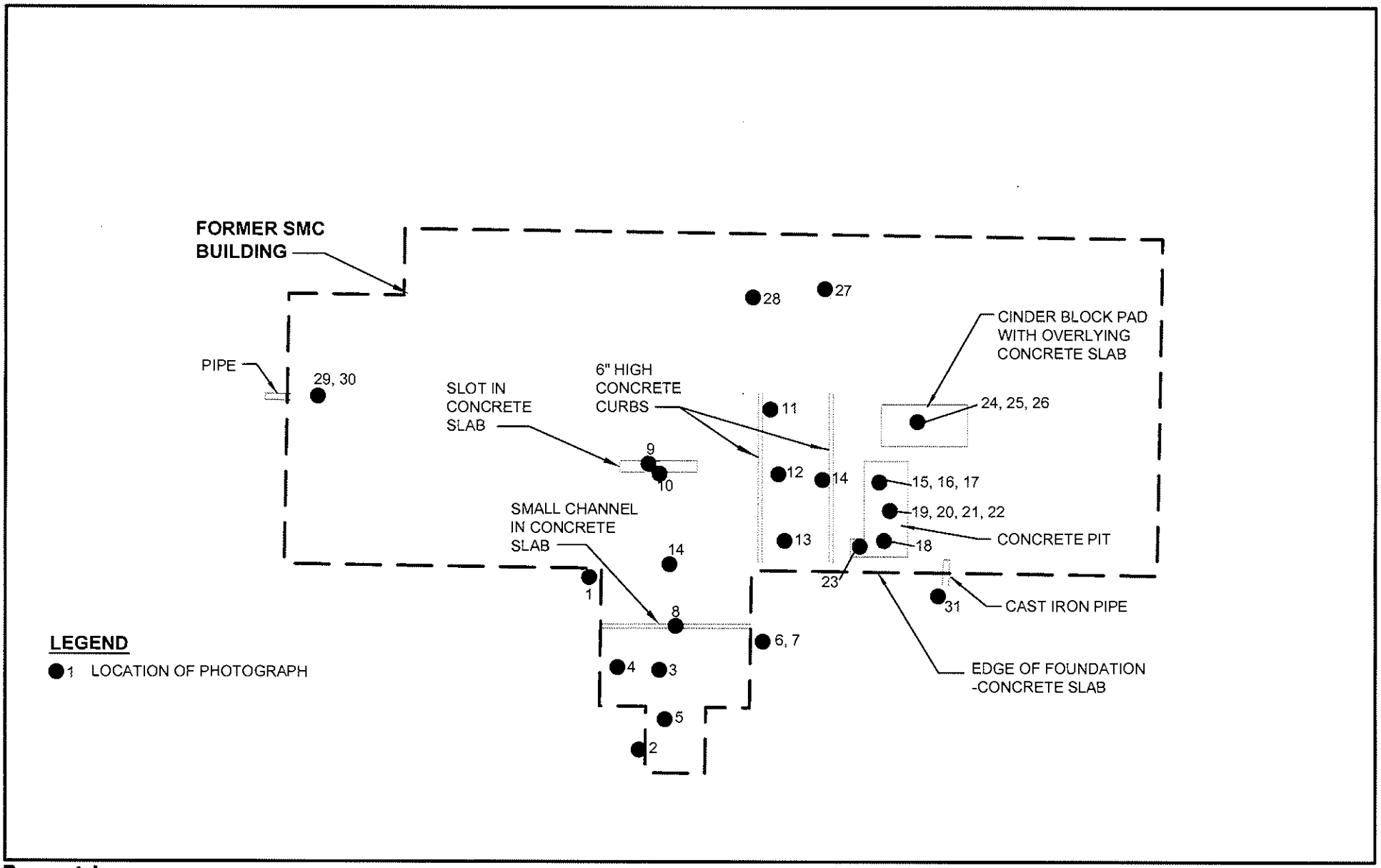
SCALE IN FEET

LEGEND

- ● S12 PROBE BORING LOCATION
- B-7 ⊕ APPROXIMATE BORING (DRILLED WITH CABLE TOOL) LOCATION

Figure 3-4
Pre-RI Work Plan Third Site Investigation Boring Locations

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



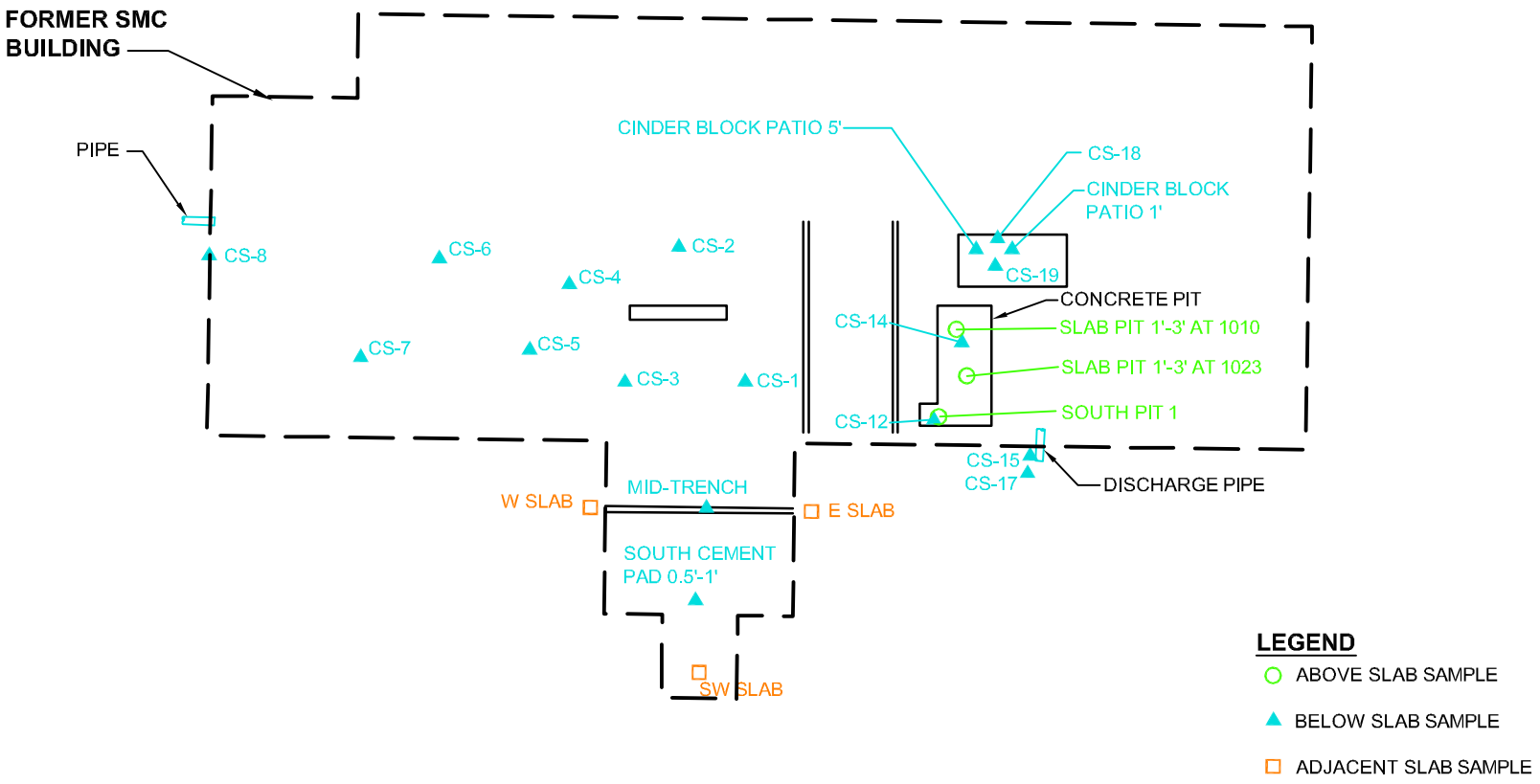
Parametrix DATE: 03/28/07 10:38am FILE: P194006519

N

NOT TO SCALE

Figure 4-1
Photograph Locations

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



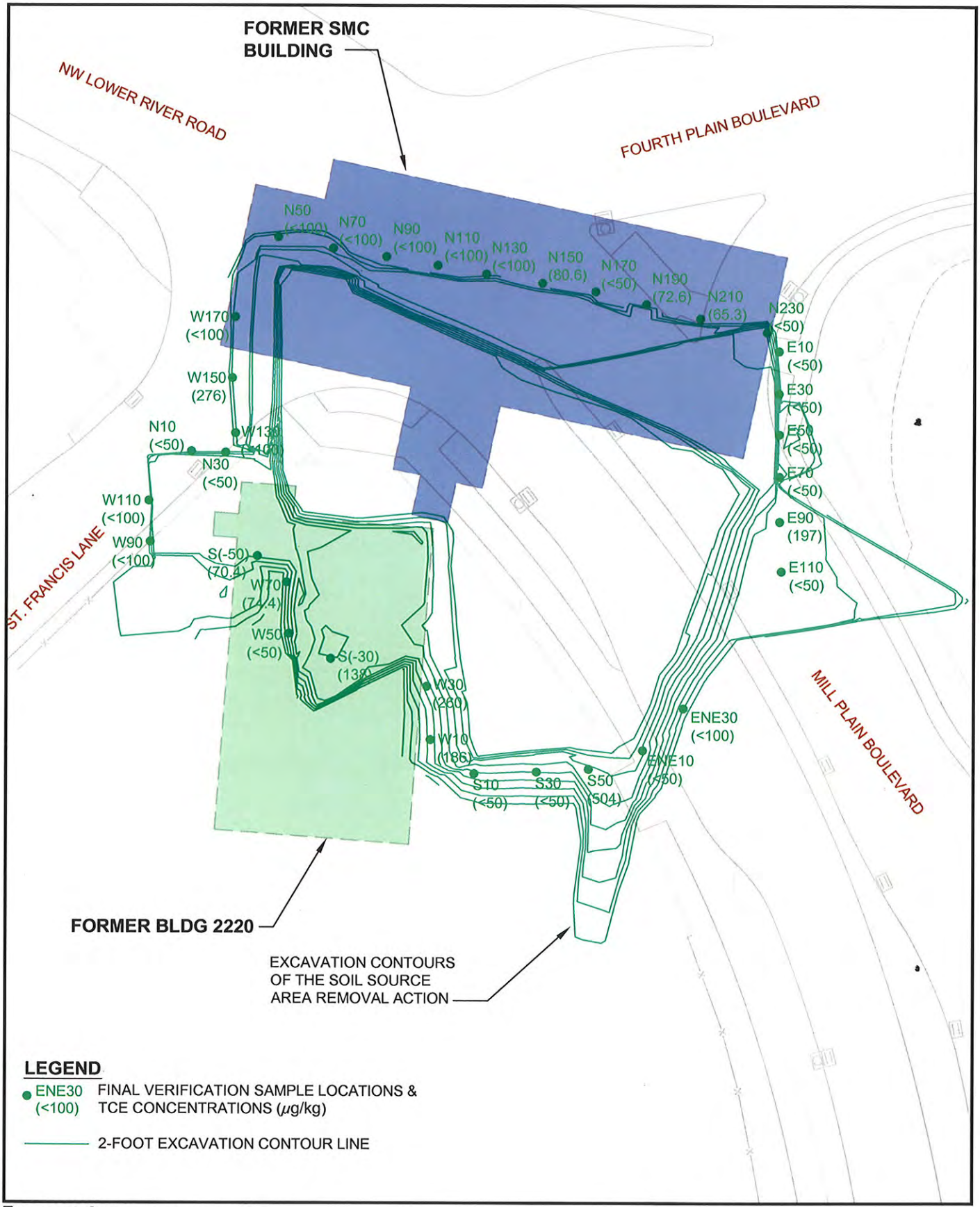
Parametrix DATE: 06/19/08 3:10pm FILE: P194006517

N

NOT TO SCALE

Figure 4-2
Approximate SMC Concrete Slab Area Sample Locations

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER



Parametrix DATE: Mar 27, 2007 FILE: P194006520

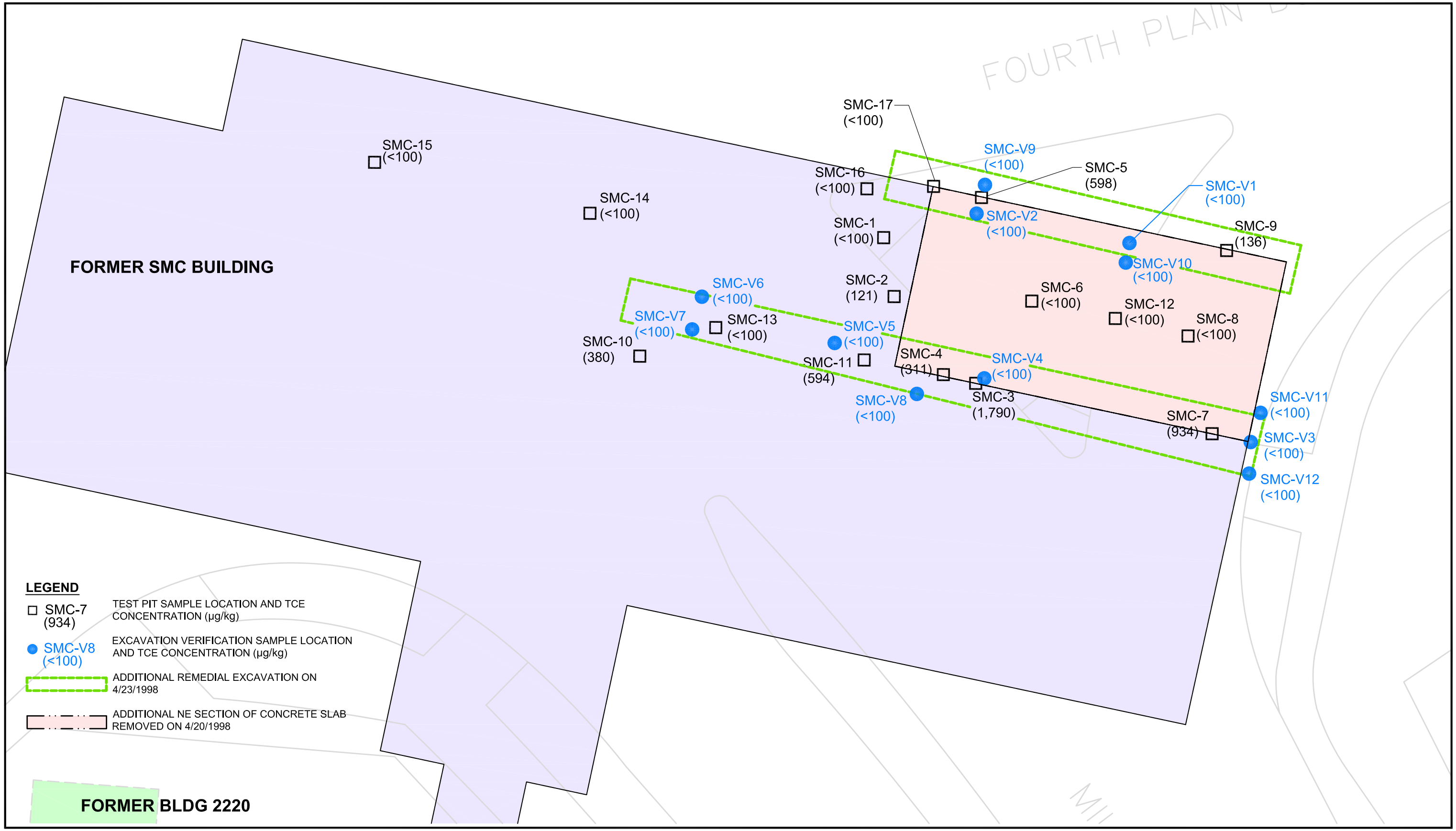
N

0 50'

SCALE IN FEET

Figure 4-3
Final Verification Sample TCE Concentrations

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Jun 30, 2008 FILE: P194006508

N

0 15'

SCALE IN FEET

Figure 4-4
Interim Actions: Locations of Test Pits, Remedial Excavations, and Verification Samples In NE Section of SMC Slab
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

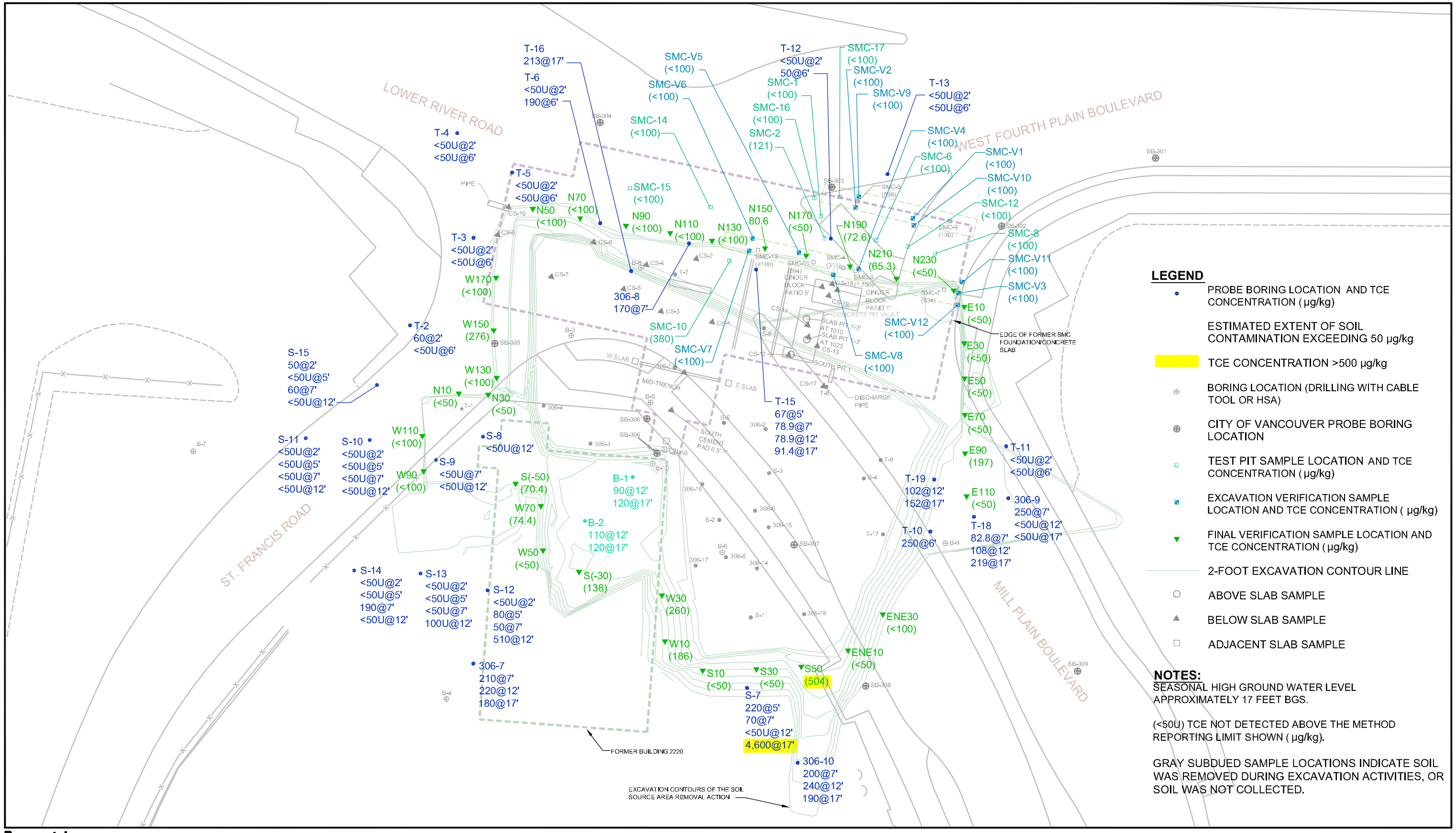


Figure 4-5
Sample Locations And TCE Concentration In Soil After Remedial Excavation

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

Parametrix DATE: Jan 15, 2009 FILE: P194006553

Figure 5-1
Phase I RI Locations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

Figure 5-2
Phase II RI Locations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

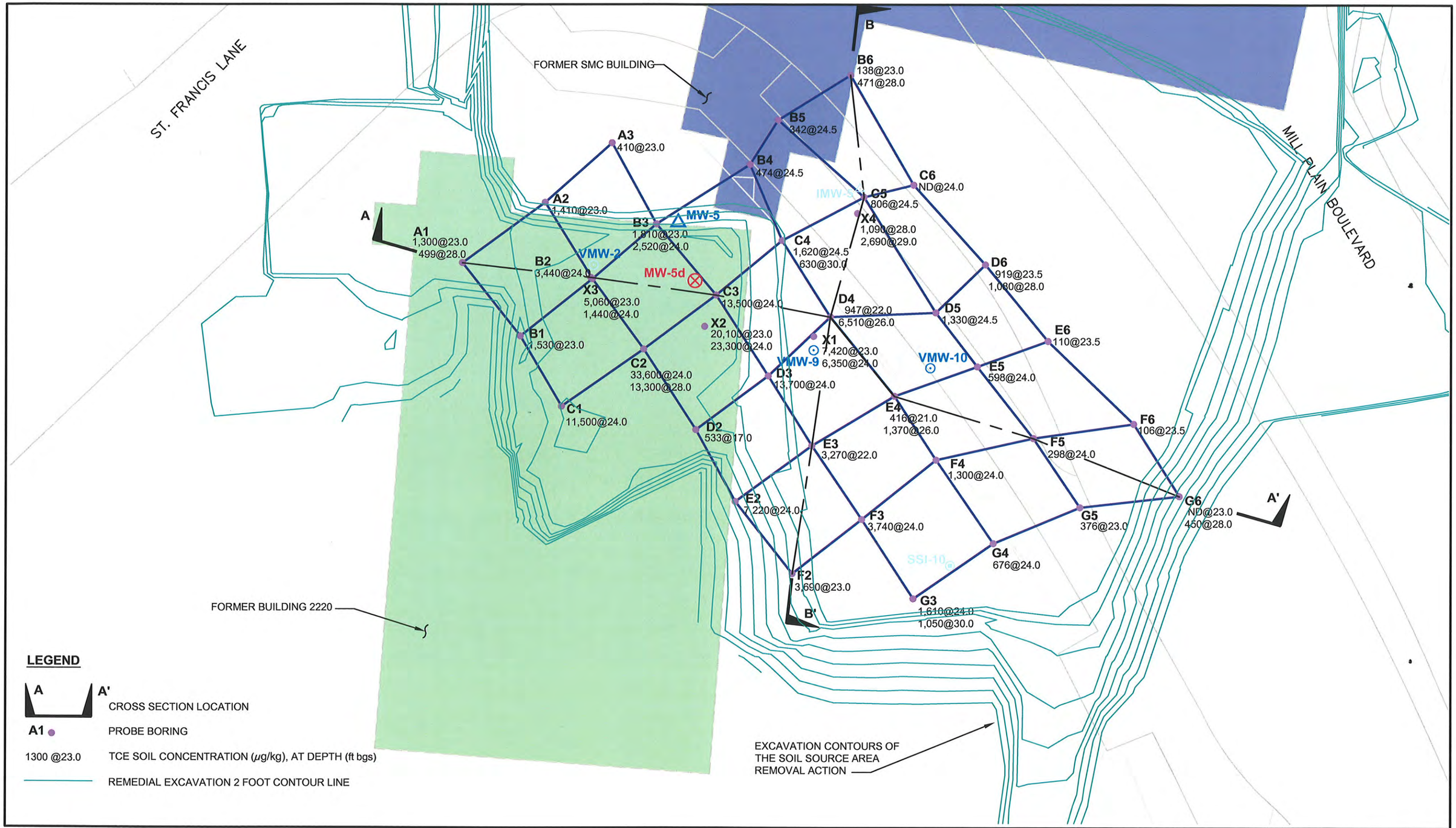
Parametrix DATE: Mar 28, 2007 FILE: P194006555

Figure 5-3
Phase III RI Locations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

Parametrix DATE: Mar 28, 2007 FILE: P194006571

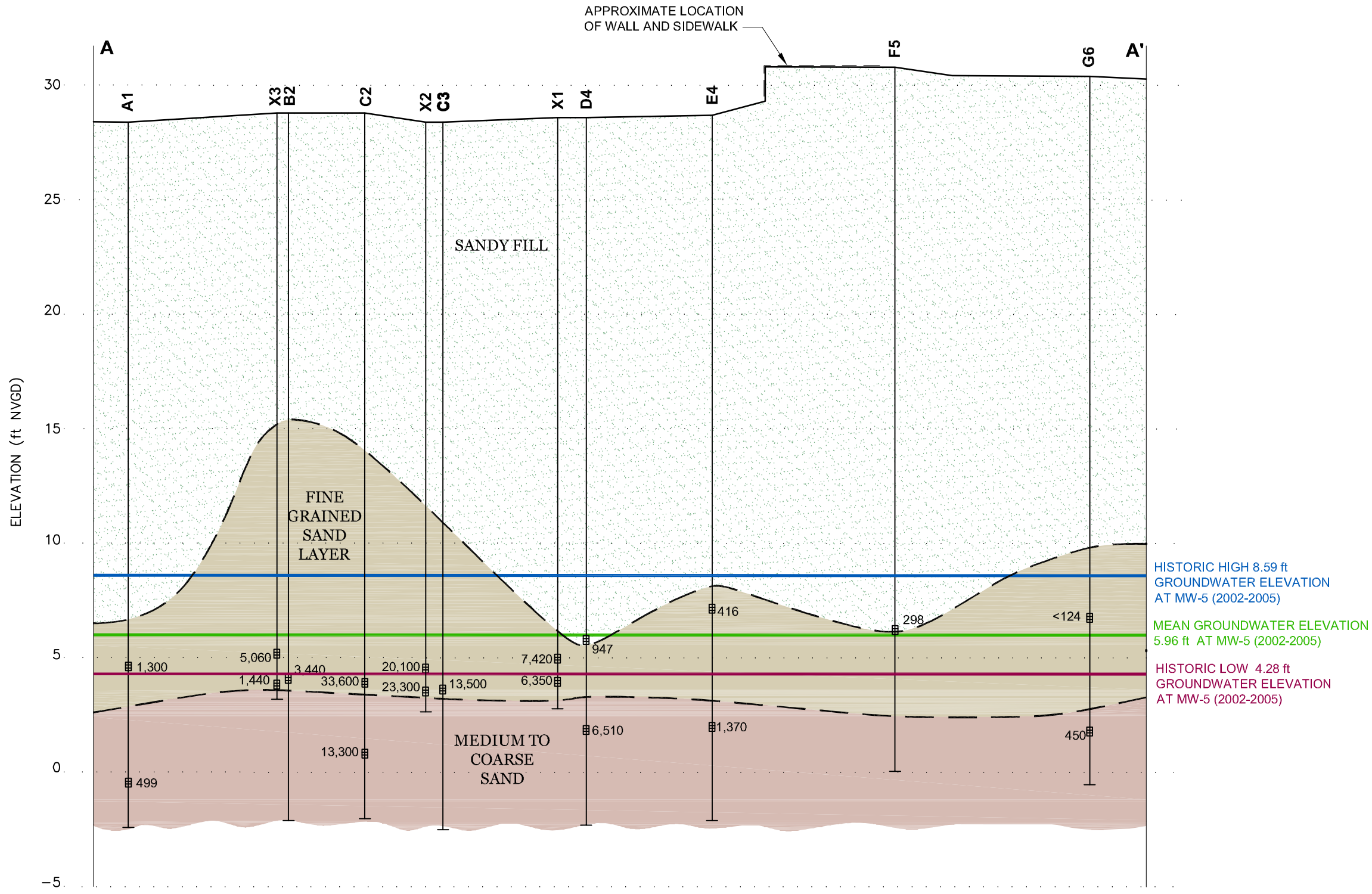
0 N 500'
SCALE IN FEET

Figure 5-4
Remedial Investigation
Phase IV Well Locations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: 02/05/07 4:06pm FILE: P194006550

Figure 5-5
SMC Source Area Fine Grained Sand Layer
Investigation Location of Probe Borings
Source Area and TCE Soil Concentrations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



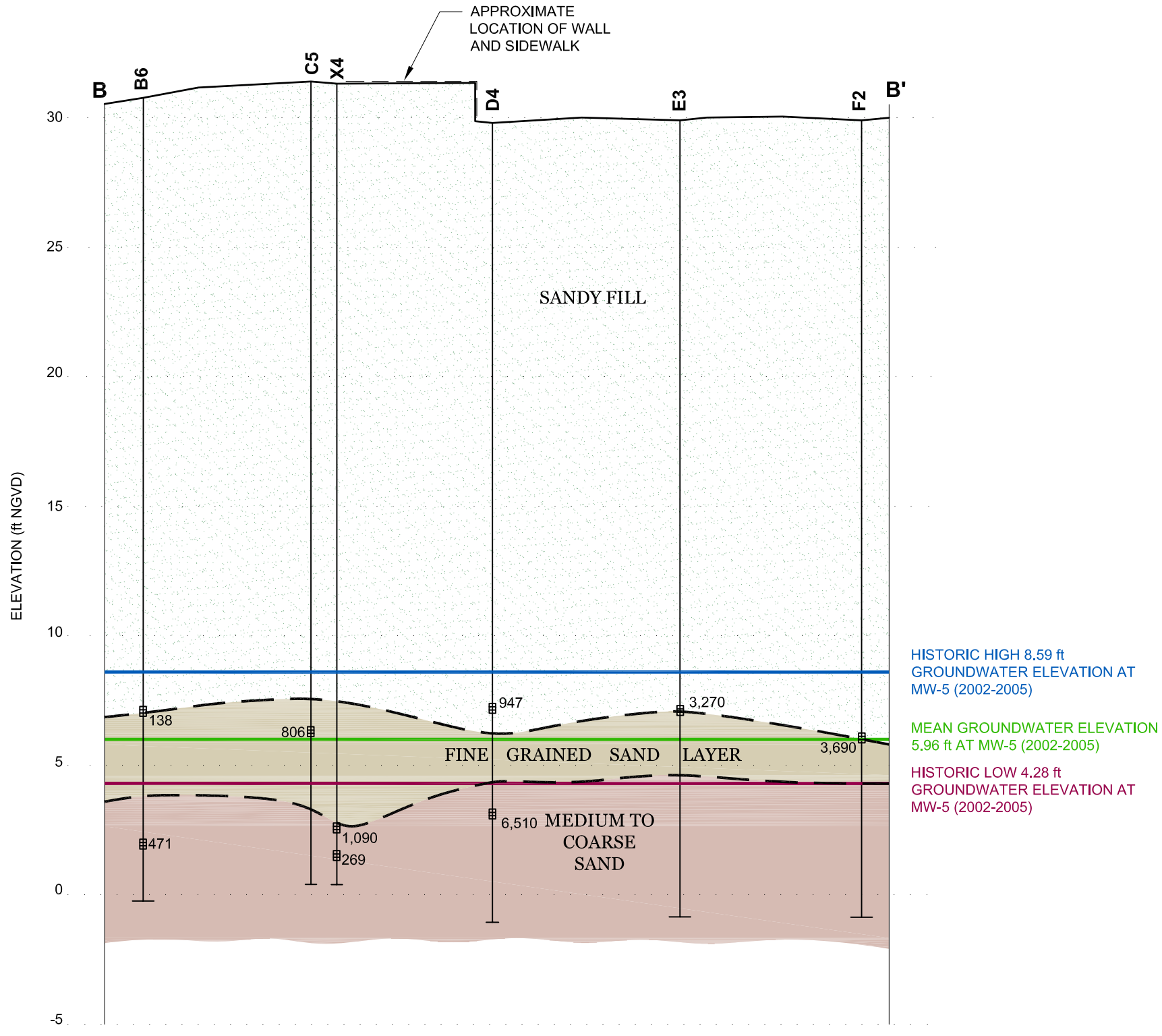
LEGEND

1,300 TCE SOIL CONCENTRATION (µg/kg)

Parametrix DATE: 06/19/08 2:48pm FILE: P194006755

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE : 1"=5'

Figure 5-6
SMC Source Area
Fine Grained Sand Layer, Cross Section A-A'
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



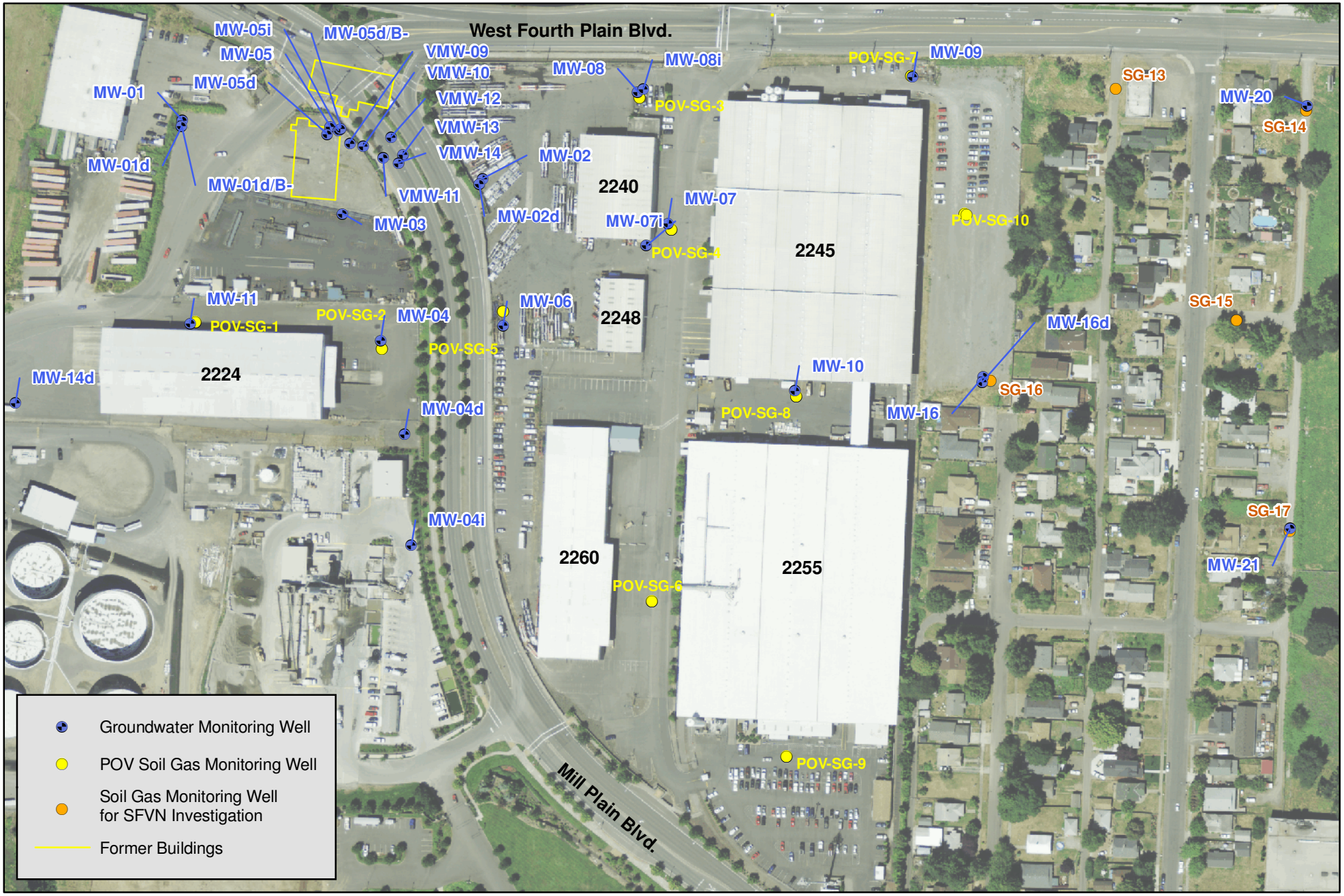
LEGEND

471 TCE SOIL CONCENTRATION (µg/kg)

Parametrix DATE: 03/12/07 3:06pm FILE: P194006441

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE : 1"=5'

Figure 5-7
SMC Source Area, Fine Grained Sand Layer Investigation, Cross Section B-B'
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

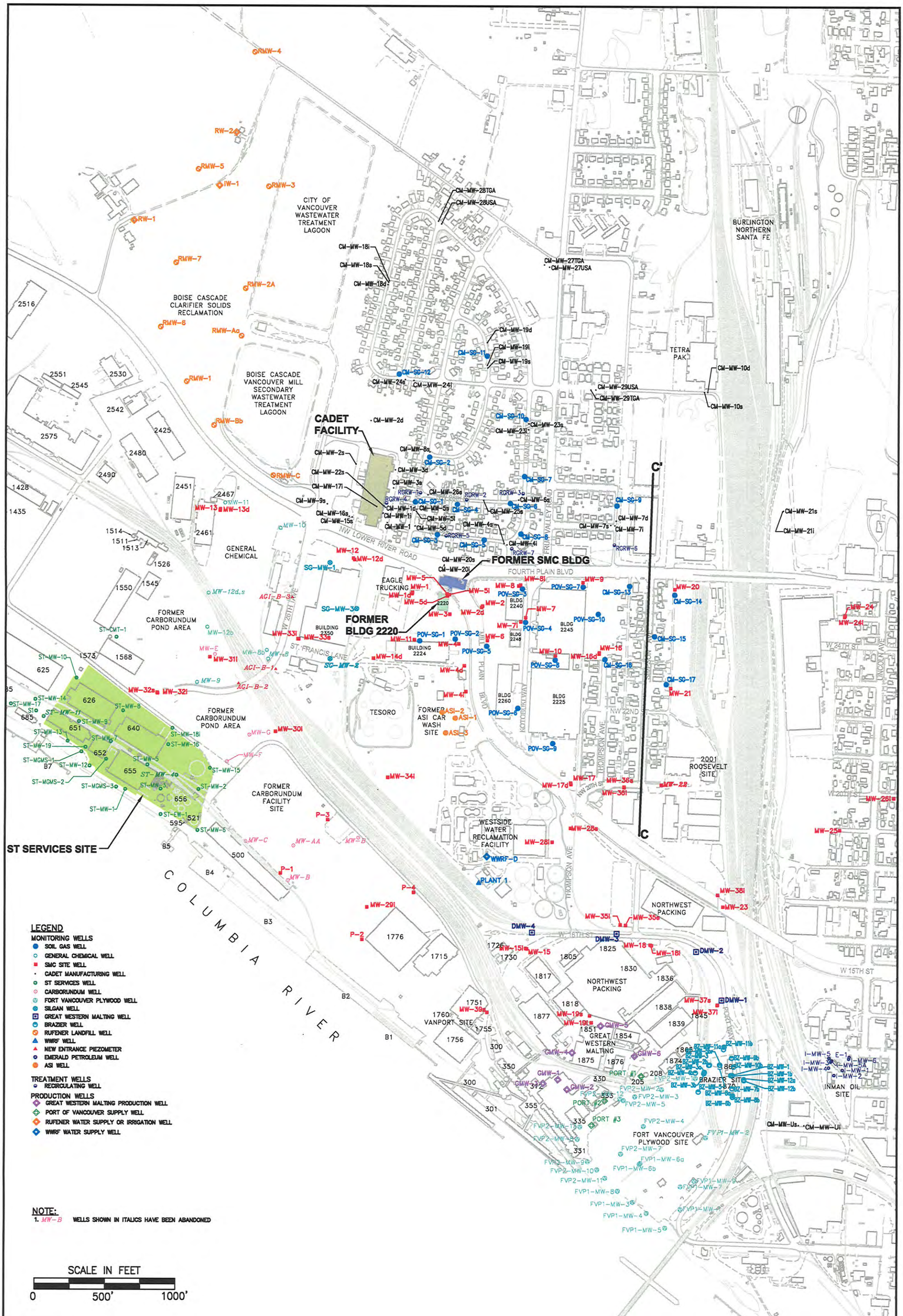


Date: 04/23/09 File: Final_RI_09/SoilGasWellLocations.mxd

Parametrix

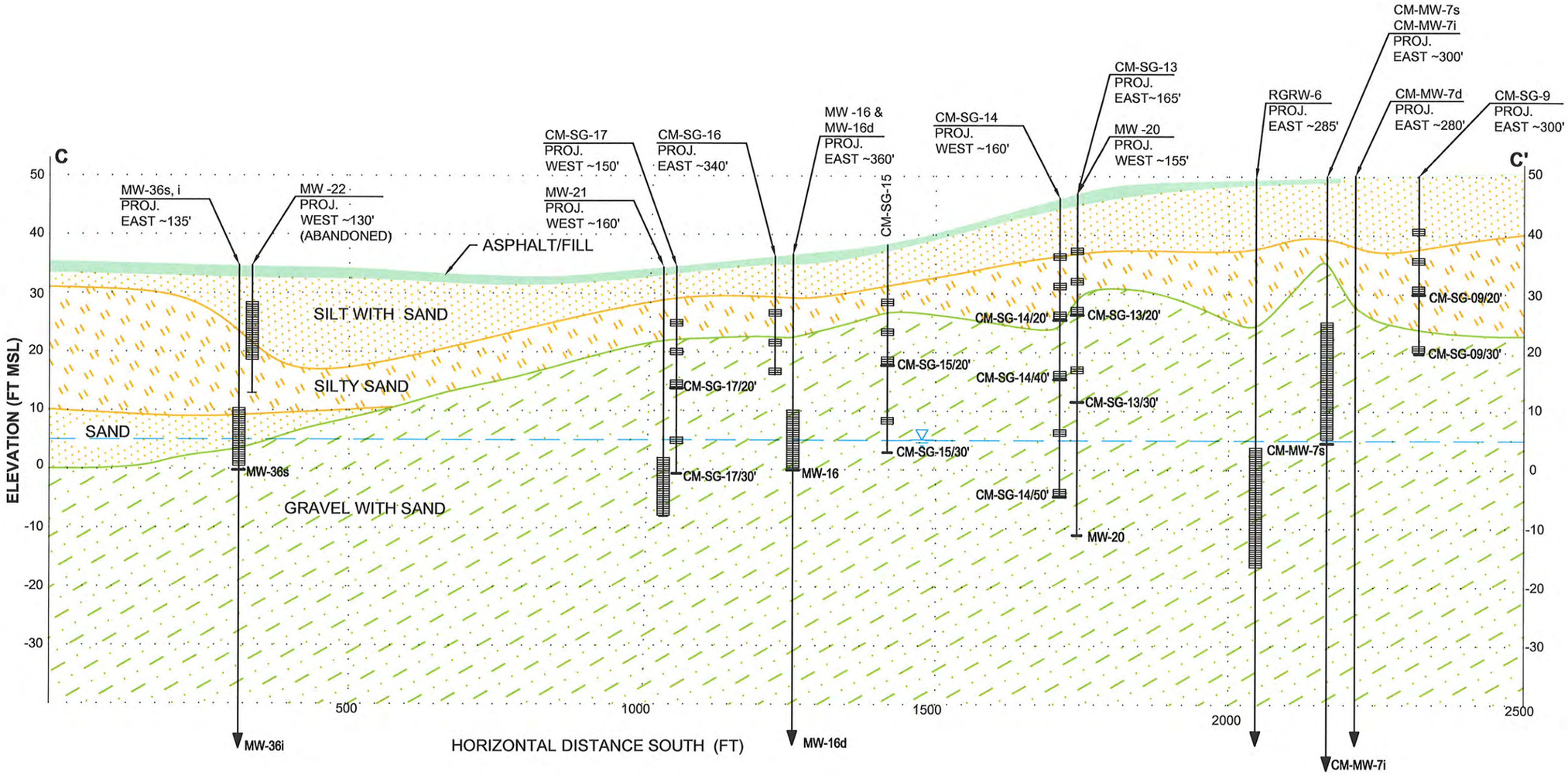
Figure 5-8:
Soil Gas Well Locations

Final Remedial Investigation Report
Port of Vancouver, Washington



Parametrix DATE: Mar 28, 2007 FILE: P194006569

Figure 5-9
Cross Section Location C-C'
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 28, 2007 FILE: P194006570

SCALE: HORIZONTAL 1"=200'
VERTICAL 1"=20'

LEGEND

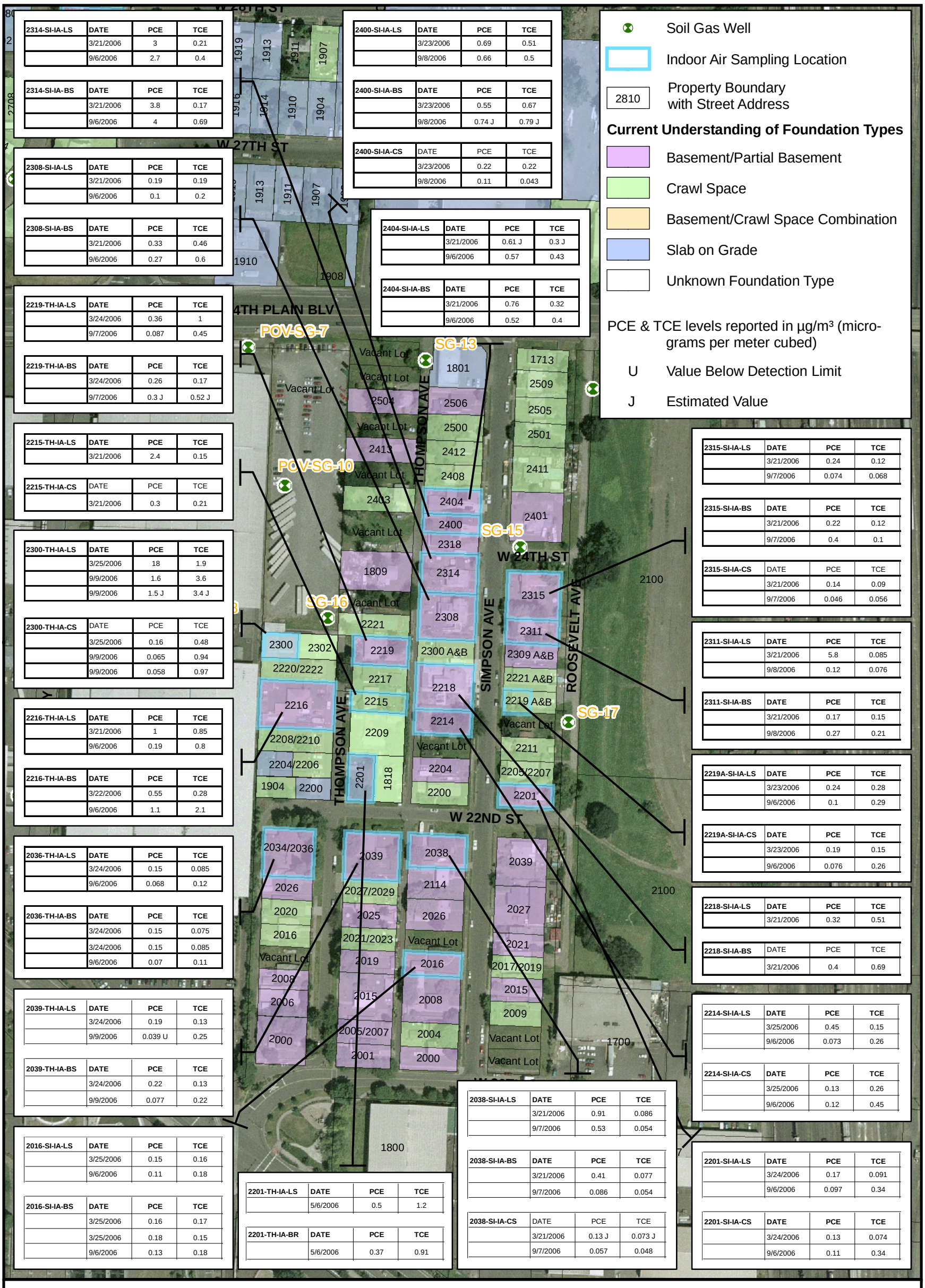
WATER TABLE AT APPROXIMATELY 5 FEET MSL (MEAN SEA LEVEL), NOVEMBER 2003 (FOR MOST WELLS)

WELL

WELL SCREEN INTERVAL

GEOLOGIC CONTACT

Figure 5-10
Cross Section C-C'
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



2314-SI-IA-LS	DATE	PCE	TCE
	3/21/2006	3	0.21
	9/6/2006	2.7	0.4

2314-SI-IA-BS	DATE	PCE	TCE
	3/21/2006	3.8	0.17
	9/6/2006	4	0.69

2308-SI-IA-LS	DATE	PCE	TCE
	3/21/2006	0.19	0.19
	9/6/2006	0.1	0.2

2308-SI-IA-BS	DATE	PCE	TCE
	3/21/2006	0.33	0.46
	9/6/2006	0.27	0.6

2219-TH-IA-LS	DATE	PCE	TCE
	3/24/2006	0.36	1
	9/7/2006	0.087	0.45

2219-TH-IA-BS	DATE	PCE	TCE
	3/24/2006	0.26	0.17
	9/7/2006	0.3 J	0.52 J

2215-TH-IA-LS	DATE	PCE	TCE
	3/21/2006	2.4	0.15

2215-TH-IA-CS	DATE	PCE	TCE
	3/21/2006	0.3	0.21

2300-TH-IA-LS	DATE	PCE	TCE
	3/25/2006	18	1.9
	9/9/2006	1.6	3.6
	9/9/2006	1.5 J	3.4 J

2300-TH-IA-CS	DATE	PCE	TCE
	3/25/2006	0.16	0.48
	9/9/2006	0.065	0.94
	9/9/2006	0.058	0.97

2216-TH-IA-LS	DATE	PCE	TCE
	3/21/2006	1	0.85
	9/6/2006	0.19	0.8

2216-TH-IA-BS	DATE	PCE	TCE
	3/22/2006	0.55	0.28
	9/6/2006	1.1	2.1

2036-TH-IA-LS	DATE	PCE	TCE
	3/24/2006	0.15	0.085
	9/6/2006	0.068	0.12

2036-TH-IA-BS	DATE	PCE	TCE
	3/24/2006	0.15	0.075
	3/24/2006	0.15	0.085
	9/6/2006	0.07	0.11

2039-TH-IA-LS	DATE	PCE	TCE
	3/24/2006	0.19	0.13
	9/9/2006	0.039 U	0.25

2039-TH-IA-BS	DATE	PCE	TCE
	3/24/2006	0.22	0.13
	9/9/2006	0.077	0.22

2016-SI-IA-LS	DATE	PCE	TCE
	3/25/2006	0.15	0.16
	9/6/2006	0.11	0.18

2016-SI-IA-BS	DATE	PCE	TCE
	3/25/2006	0.16	0.17
	3/25/2006	0.18	0.15
	9/6/2006	0.13	0.18

2201-TH-IA-LS	DATE	PCE	TCE
	5/6/2006	0.5	1.2

2201-TH-IA-BR	DATE	PCE	TCE
	5/6/2006	0.37	0.91

2400-SI-IA-LS	DATE	PCE	TCE
	3/23/2006	0.69	0.51
	9/8/2006	0.66	0.5

2400-SI-IA-BS	DATE	PCE	TCE
	3/23/2006	0.55	0.67
	9/8/2006	0.74 J	0.79 J

2400-SI-IA-CS	DATE	PCE	TCE
	3/23/2006	0.22	0.22
	9/8/2006	0.11	0.043

2404-SI-IA-LS	DATE	PCE	TCE
	3/21/2006	0.61 J	0.3 J
	9/6/2006	0.57	0.43

2404-SI-IA-BS	DATE	PCE	TCE
	3/21/2006	0.76	0.32
	9/6/2006	0.52	0.4

2038-SI-IA-LS	DATE	PCE	TCE
	3/21/2006	0.91	0.086
	9/7/2006	0.53	0.054

2038-SI-IA-BS	DATE	PCE	TCE
	3/21/2006	0.41	0.077
	9/7/2006	0.086	0.054

2038-SI-IA-CS	DATE	PCE	TCE
	3/21/2006	0.13 J	0.073 J
	9/7/2006	0.057	0.048

Soil Gas Well

Indoor Air Sampling Location

2810 Property Boundary with Street Address

Current Understanding of Foundation Types

- Basement/Partial Basement
- Crawl Space
- Basement/Crawl Space Combination
- Slab on Grade
- Unknown Foundation Type

PCE & TCE levels reported in µg/m³ (micro-grams per meter cubed)

U Value Below Detection Limit

J Estimated Value

2315-SI-IA-LS	DATE	PCE	TCE
	3/21/2006	0.24	0.12
	9/7/2006	0.074	0.068

2315-SI-IA-BS	DATE	PCE	TCE
	3/21/2006	0.22	0.12
	9/7/2006	0.4	0.1

2315-SI-IA-CS	DATE	PCE	TCE
	3/21/2006	0.14	0.09
	9/7/2006	0.046	0.056

2311-SI-IA-LS	DATE	PCE	TCE
	3/21/2006	5.8	0.085
	9/8/2006	0.12	0.076

2311-SI-IA-BS	DATE	PCE	TCE
	3/21/2006	0.17	0.15
	9/8/2006	0.27	0.21

2219A-SI-IA-LS	DATE	PCE	TCE
	3/23/2006	0.24	0.28
	9/6/2006	0.1	0.29

2219A-SI-IA-CS	DATE	PCE	TCE
	3/23/2006	0.19	0.15
	9/6/2006	0.076	0.26

2218-SI-IA-LS	DATE	PCE	TCE
	3/21/2006	0.32	0.51

2218-SI-IA-BS	DATE	PCE	TCE
	3/21/2006	0.4	0.69

2214-SI-IA-LS	DATE	PCE	TCE
	3/25/2006	0.45	0.15
	9/6/2006	0.073	0.26

2214-SI-IA-CS	DATE	PCE	TCE
	3/25/2006	0.13	0.26
	9/6/2006	0.12	0.45

2201-SI-IA-LS	DATE	PCE	TCE
	3/24/2006	0.17	0.091
	9/6/2006	0.097	0.34

2201-SI-IA-CS	DATE	PCE	TCE
	3/24/2006	0.13	0.074
	9/6/2006	0.11	0.34

N

Data Source: Parcel and Street data from Clark County GIS database (Aug 2006).

Notes: Taxlot 62639030 was divided into three sections to more clearly show foundation types (1801 4th Plain, 2506 and 2500 Simpson.)
Taxlot 62580000 was divided into two sections to more clearly show foundation types (1904 W 22nd and 2200 Thompson.)
Taxlot 62575000 was divided into two sections to more clearly show foundation types (2204 and 2206 Thompson.)

0 200 400 800 Feet

Figure 5-11:

Indoor Air Concentrations for PCE & TCE
South Fruit Valley Neighborhood
(Mar 2006 through Sept 2006)
Final Remedial Investigation Report
Port of Vancouver, WA

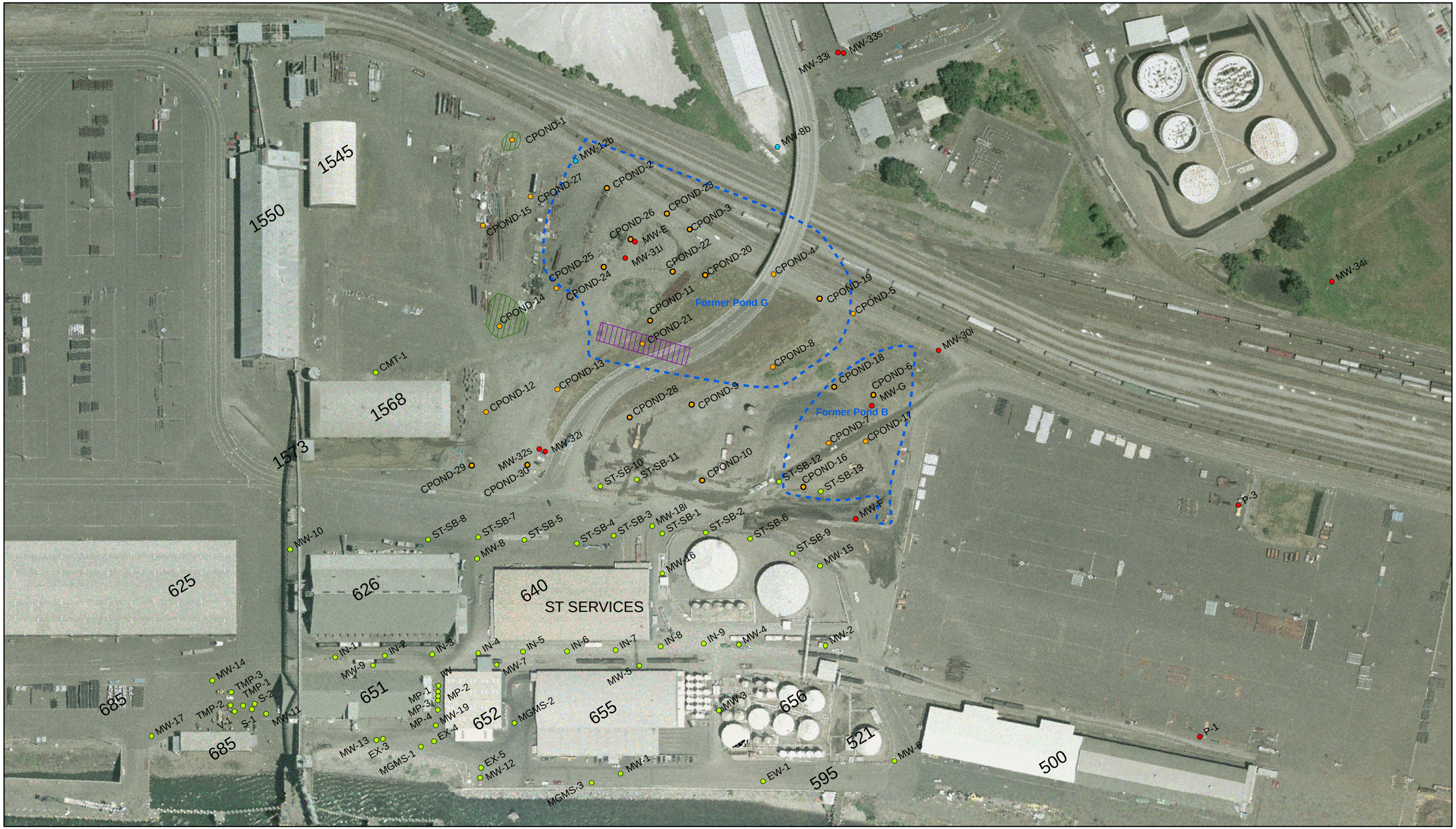
Parametrix

Analysis by K. Benck: File Name: S:\275 EES\1940-006 POV ASI-Mill Plain (post 10-23-04)\GIS\Updates_for_sampling_maps\SFVN_IA.mxd

Parametrix DATE: Mar 28, 2007 FILE: P194006526

0 N 500'
SCALE IN FEET

Figure 5-12
Outdoor Air Sampling Locations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix

Site Location

- POV Well
- ST Services Well/Boring
- General Chemical Well
- POV Probe Boring Location
- Disturbed Area April 11, 1980 Aerial Photograph
- Disturbed Area July 3, 1972 Aerial Photograph

0 125 250 Feet

Figure 5-13 Former Carborundum Pond Probe Boring Locations
Final Remedial Investigation Report
Port of Vancouver, Washington

Parametrix DATE: 03/13/07 3:21pm FILE: P194006576

0 200'
N
SCALE IN FEET

Figure 5-14
PCE Isoconcentrations
Former Carborundum Pond
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

Parametrix DATE: 03/13/07 3:46pm FILE: P194006577

0 200'
N
SCALE IN FEET

Figure 5-15
TCE Isoconcentrations
Former Carborundum Pond
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

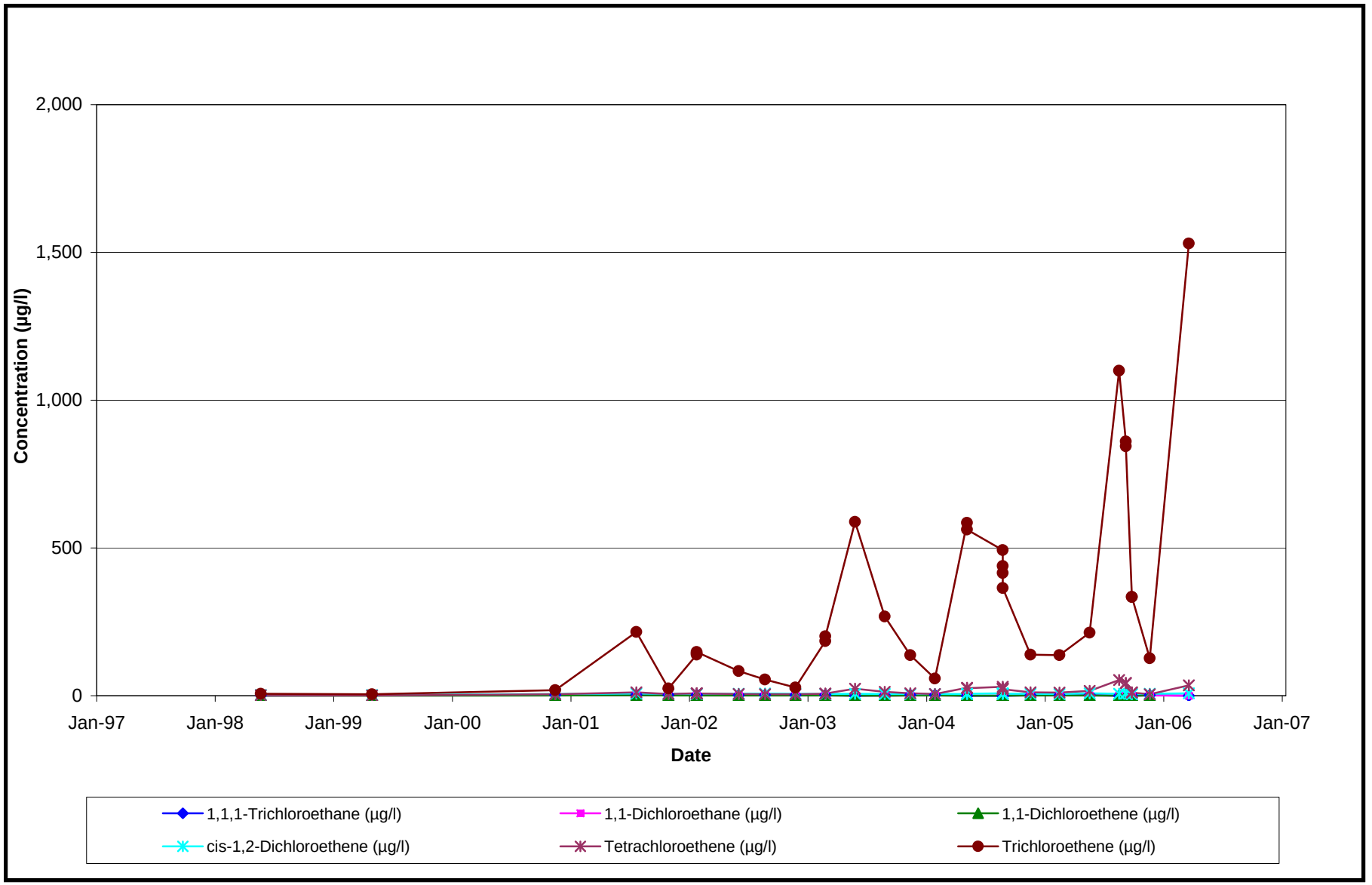


Figure 5-16
Select VOC Concentrations in MW-5d

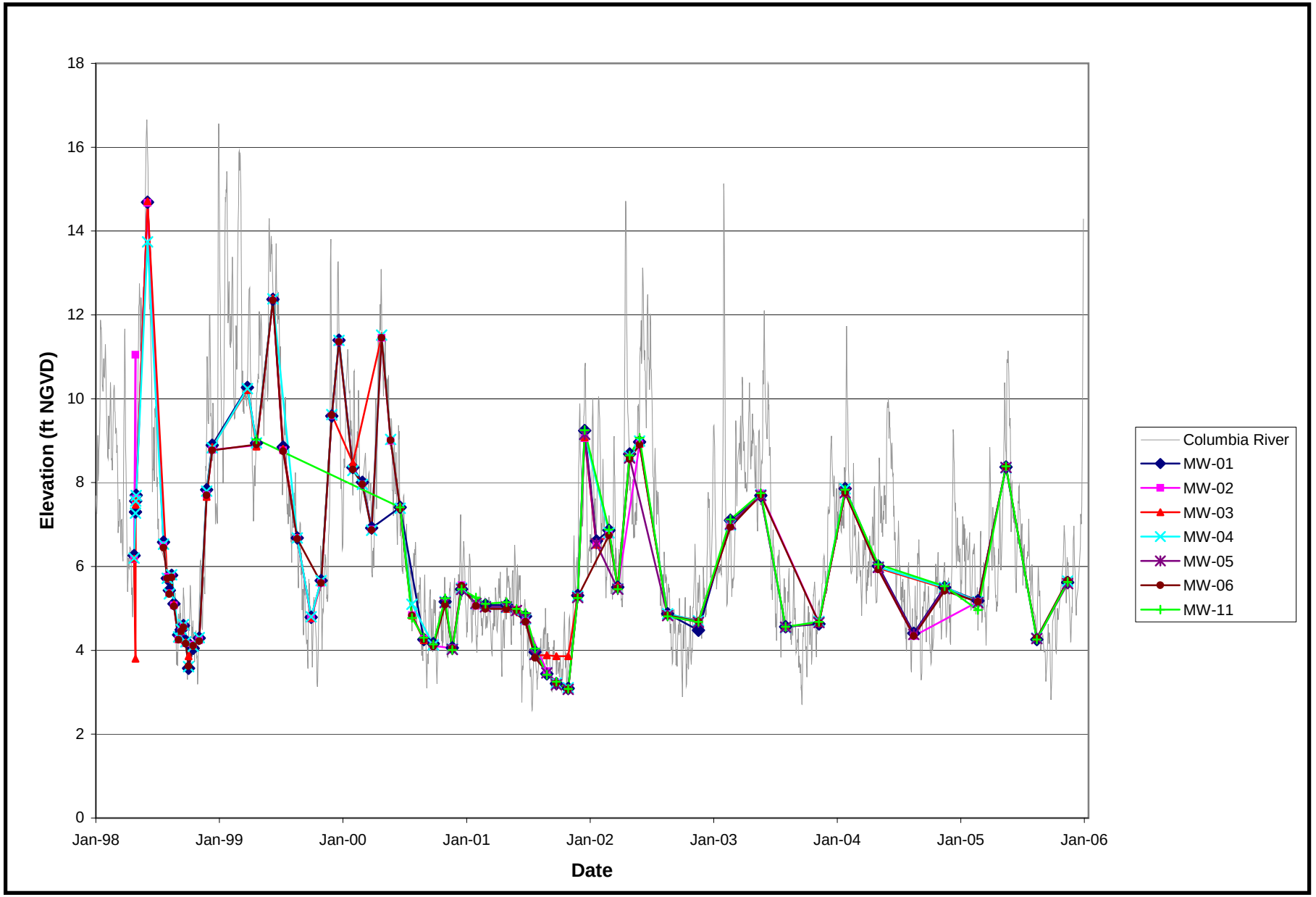


Figure 5-17
Groundwater Elevation Trends - Shallow Wells

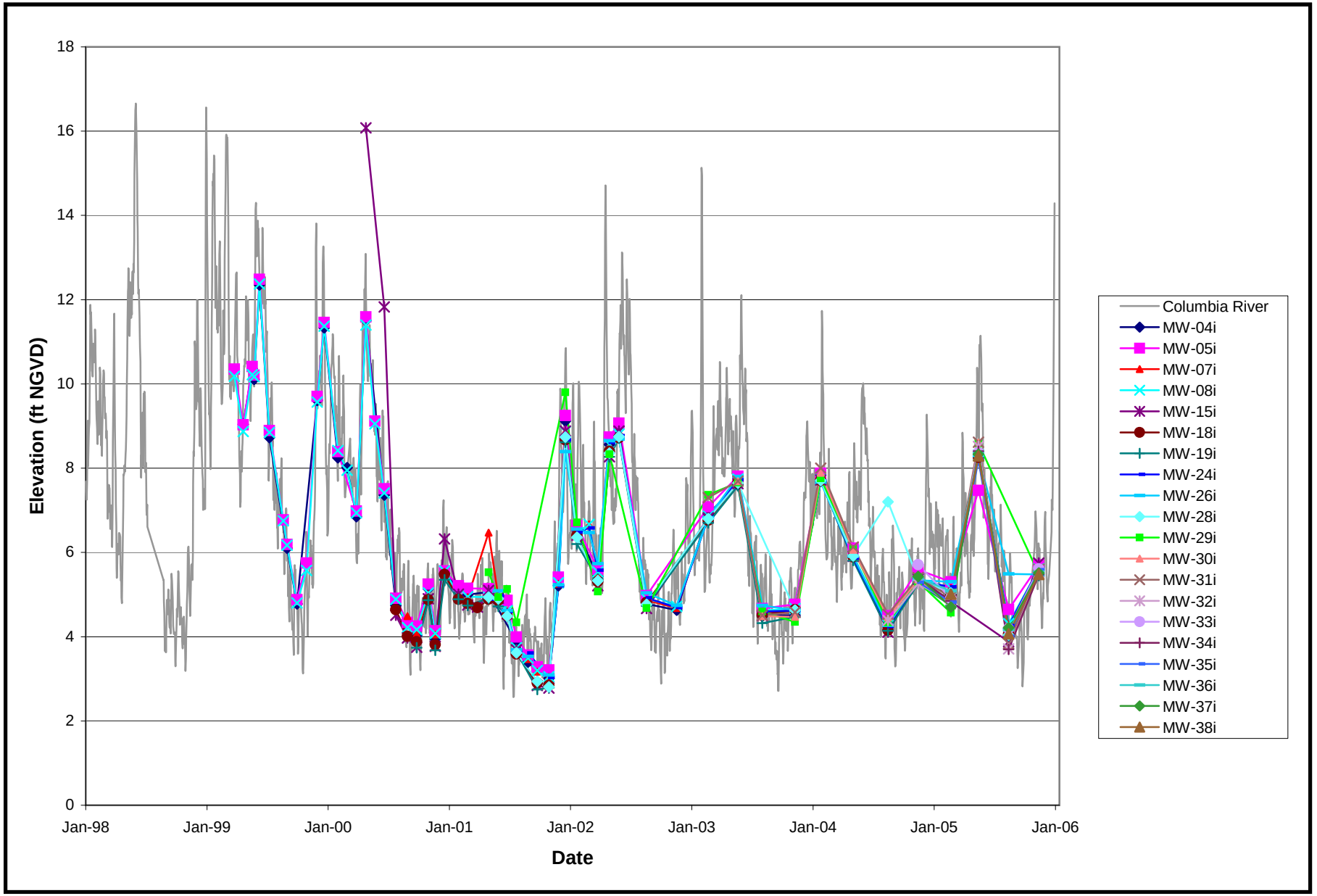


Figure 5-18

Groundwater Elevation Trends - Intermediate Wells

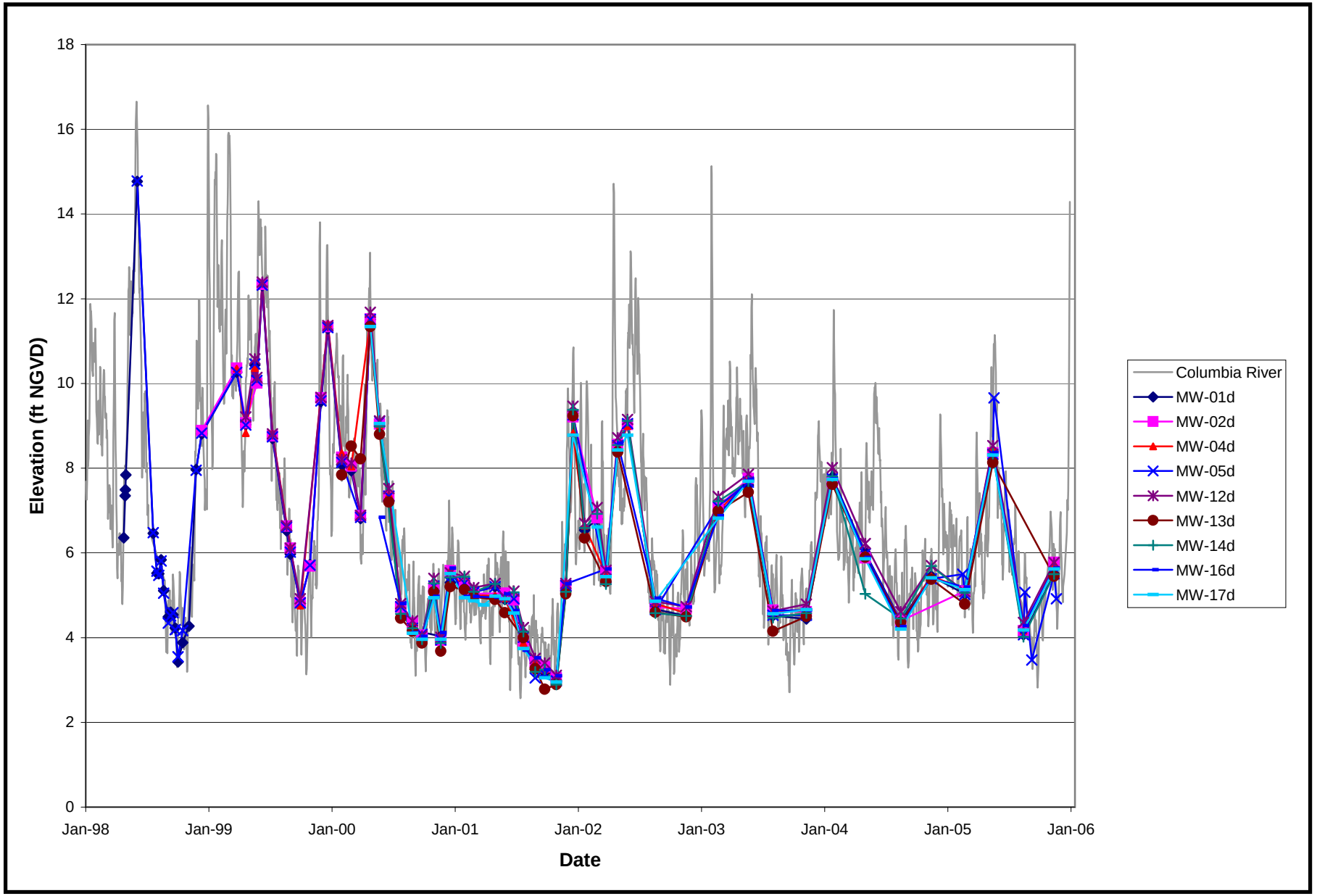
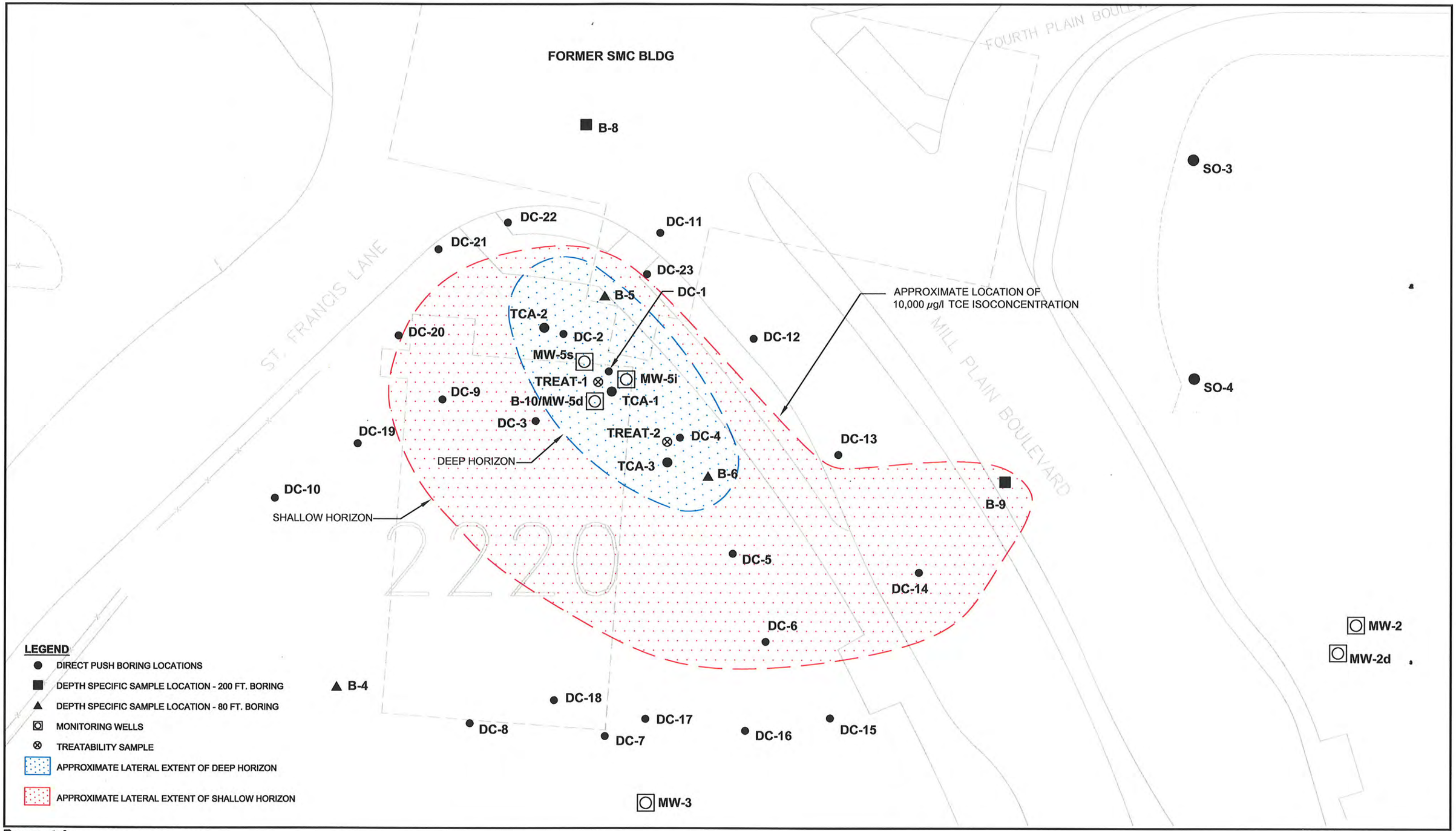


Figure 5-19
Groundwater Elevation Trends - Deep Wells



Parametrix DATE: Mar 27, 2007 FILE: P194006578

N

0 30'

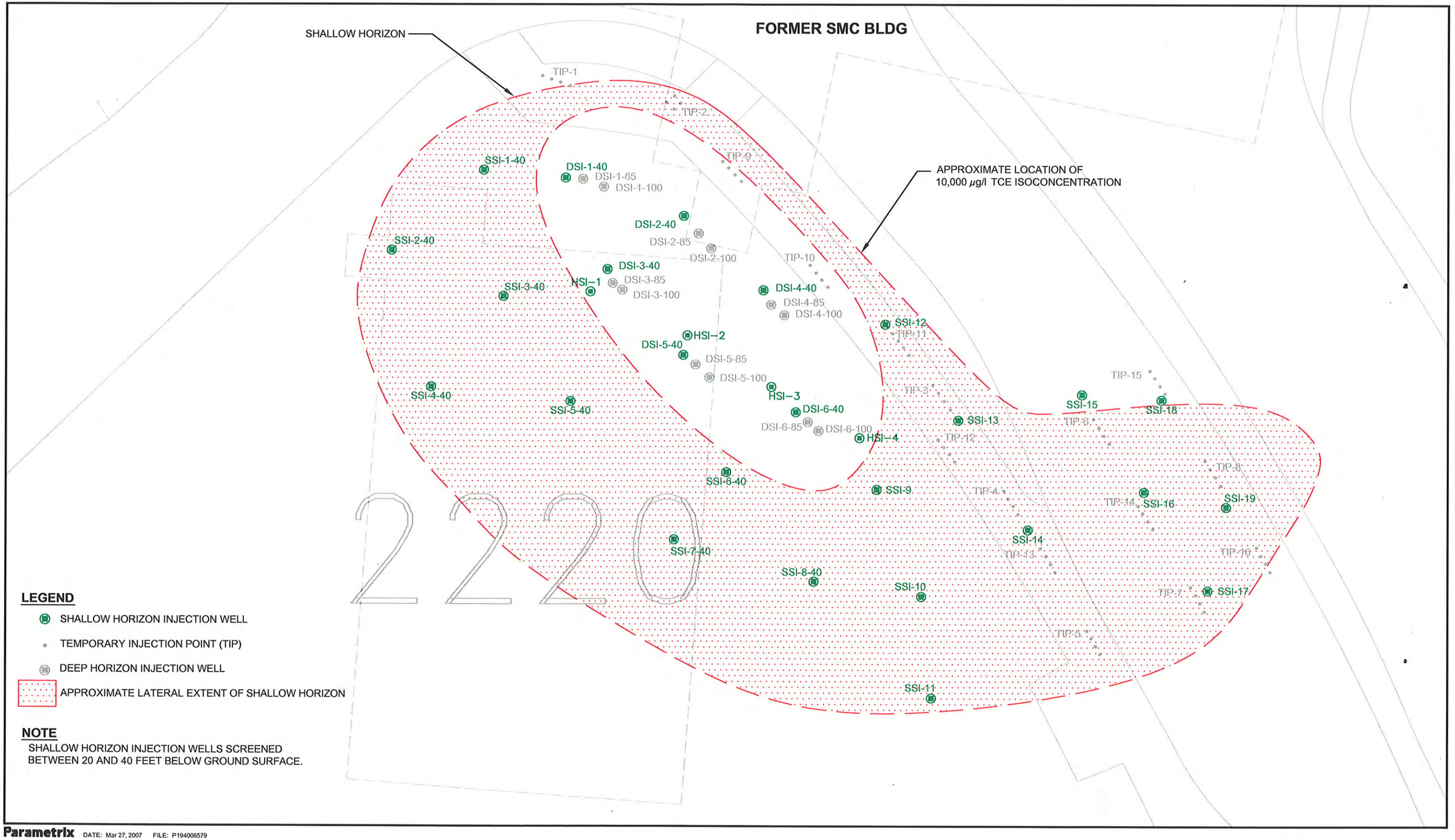
SCALE IN FEET

NOTES:

ALL INFORMATION RELATED TO THE TREATMENT ZONES, LOCATION OF INJECTORS, AND GROUNDWATER INTERIM ACTION PERFORMANCE MONITORING WELLS IS CONCEPTUAL IN NATURE AND SUBJECT TO CHANGE.

Figure 6-1
Approximate Extent of Residual TCE (Pre-Treatment)

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



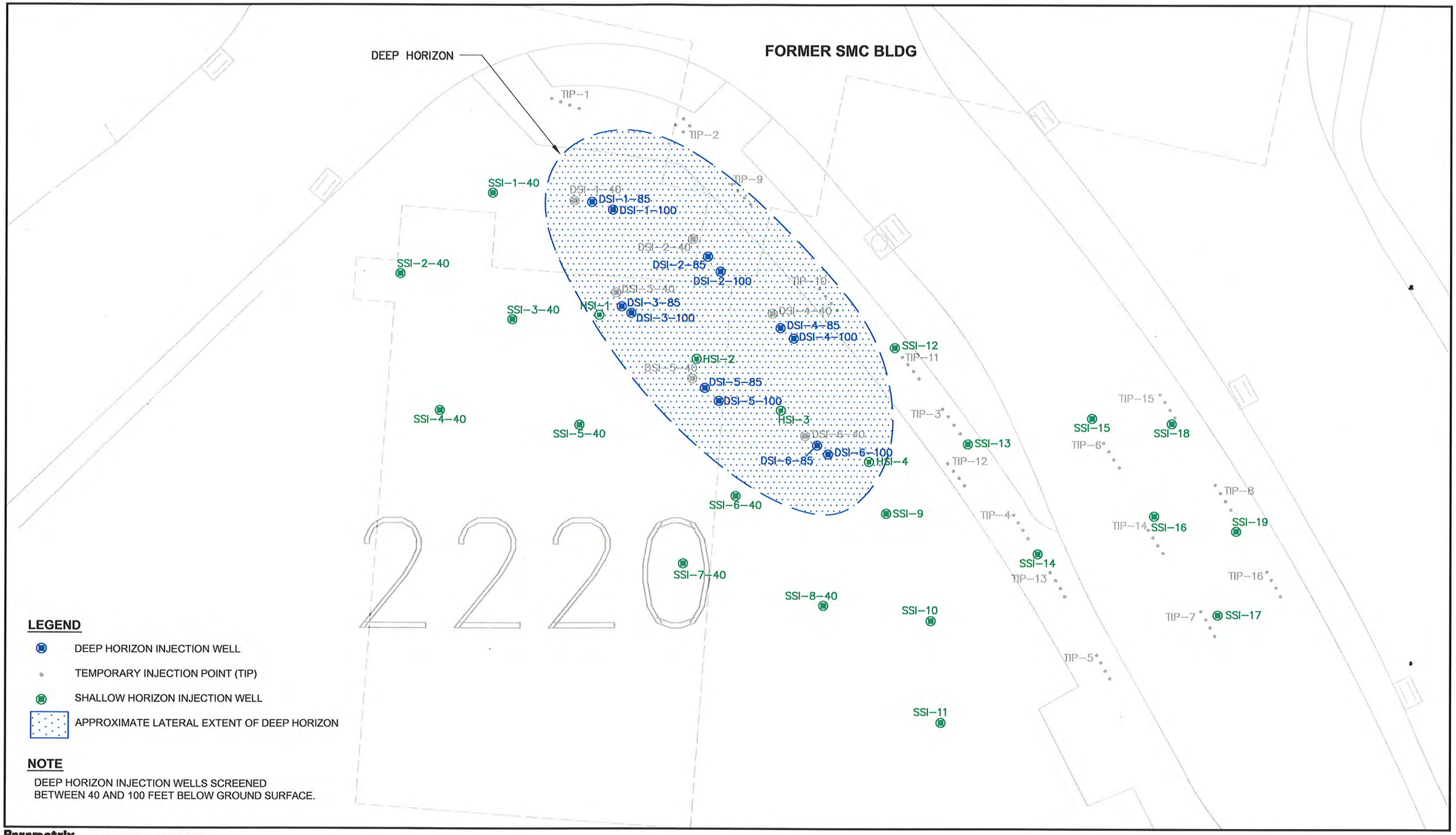
Parametrix DATE: Mar 27, 2007 FILE: P194006579

N

0 20'

SCALE IN FEET

Figure 6-2
Shallow Horizon (0-40 Ft)
Injection Well Locations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



LEGEND

- DEEP HORIZON INJECTION WELL
- TEMPORARY INJECTION POINT (TIP)
- SHALLOW HORIZON INJECTION WELL
- APPROXIMATE LATERAL EXTENT OF DEEP HORIZON

NOTE

DEEP HORIZON INJECTION WELLS SCREENED BETWEEN 40 AND 100 FEET BELOW GROUND SURFACE.

Parametrix DATE: Mar 27, 2007 FILE: P194006580

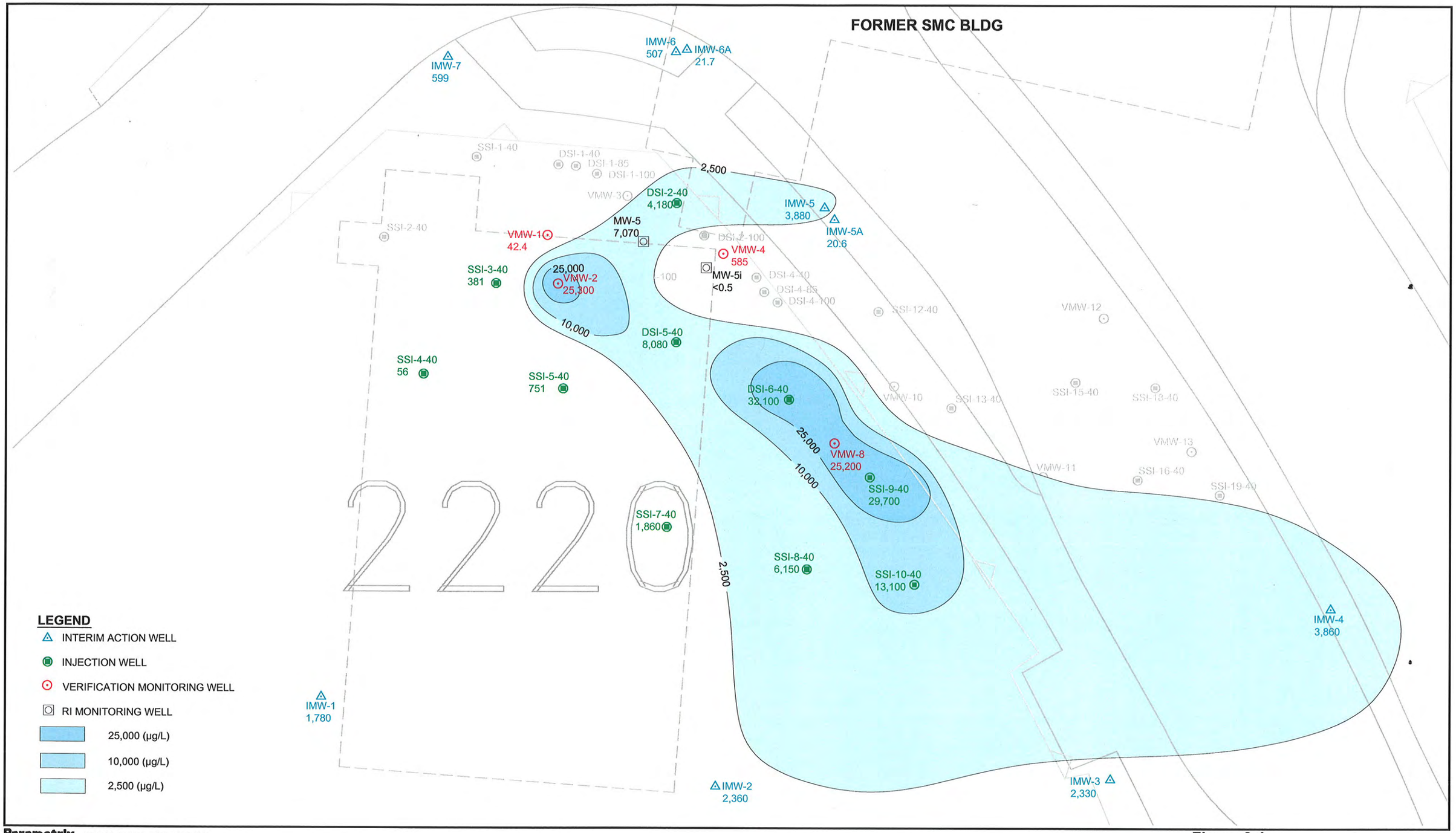
N

0 20'

SCALE IN FEET

Figure 6-3
Deep Horizon (40-100 Ft) Injection Well Locations

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



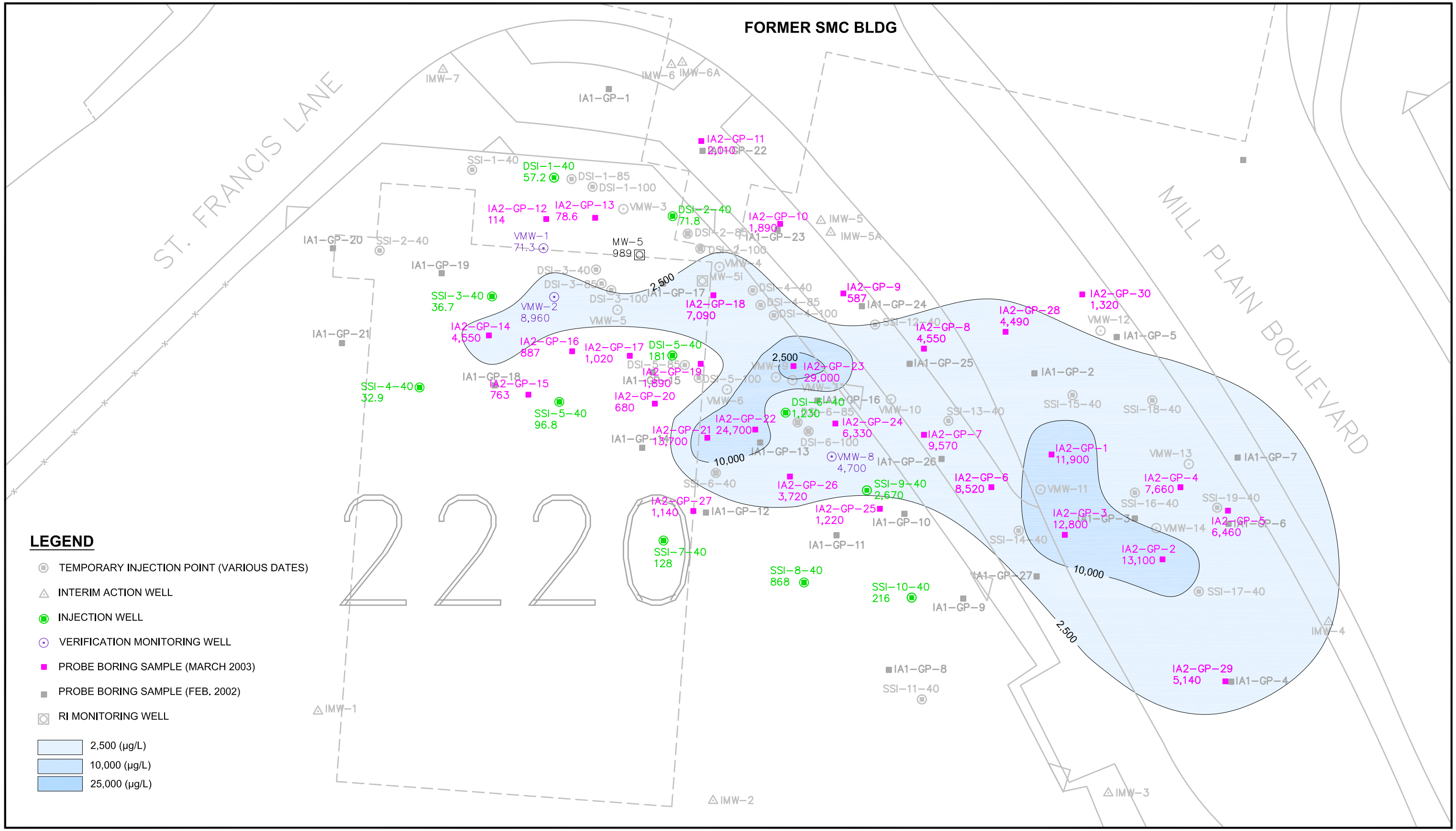
Parametrix DATE: Mar 28, 2007 FILE: P194006581

N

0 20'

SCALE IN FEET

Figure 6-4
Baseline TCE Concentration Map - Shallow Horizon
(December 2001 /January 2002)
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Apr 06, 2009 FILE: P194006582

N

0 20'

SCALE IN FEET

Figure 6-5
TCE Concentration Map - Shallow Horizon
Second Verification Sampling Event (March 2002)

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

FORMER SMC BUILDING

ST. FRANCIS LANE

MILL PLAIN BOULEVARD

IMW-7

IMW-6 IMW-6A

IMW-5 IMW-5A

SSI-1-40

DSI-1-40
501
DSI-1-85
DSI-1-100

DSI-2-40
1,770
DSI-2-85
DSI-2-100

SSI-2-40

VMW-1
64.2

MW-5

VMW-4
1,890

DSI-3-40
DSI-3-85
DSI-3-100
MW-5i

SSI-3-40
496

TP-5
TP-6
TP-7
TP-8

10,000

VMW-2
10,500

DSI-4-40
DSI-4-85
DSI-4-100

SSI-12-40
10,900

TP-4

25,000
50,000

VMW-9
82,800

DSI-5-40
4,450

DSI-5-85
DSI-5-100
TP-3
TP-1
TP-2

2,500

VMW-12
2,170

SSI-4-40
145

SSI-5-40
6,150

VMW-10
13,600

SSI-15-40
3,190

SSI-18-40
1,470

DSI-6-40
6,640

DSI-6-85
DSI-6-100

10,000

SSI-13-40
3,030

25,000

VMW-13
2,830

VMW-8
31,600

SSI-6-40

SSI-9-40
6,260

VMW-11
3,340

SSI-16-40
3,890

SSI-19-40
2,060

VMW-14
2,720

SSI-14-40
2,330

SSI-7-40
4,510

SSI-8-40
2,010

SSI-10-40
1,020

SSI-17-40
1,570

IMW-4

SSI-11-40

IMW-1

IMW-2

IMW-3

2220

LEGEND

- TEMPORARY INJECTION POINT (VARIOUS DATES)
- INTERIM ACTION WELL
- INJECTION WELL
- VERIFICATION MONITORING WELL
- RI MONITORING WELL
- TEMPORARY INJECTION POINT (SEPT. 2002)

- 2,500 (µg/L)
- 10,000 (µg/L)
- 25,000 (µg/L)
- 50,000 (µg/L)

Parametrix DATE: Apr 06, 2009 FILE: P194006583

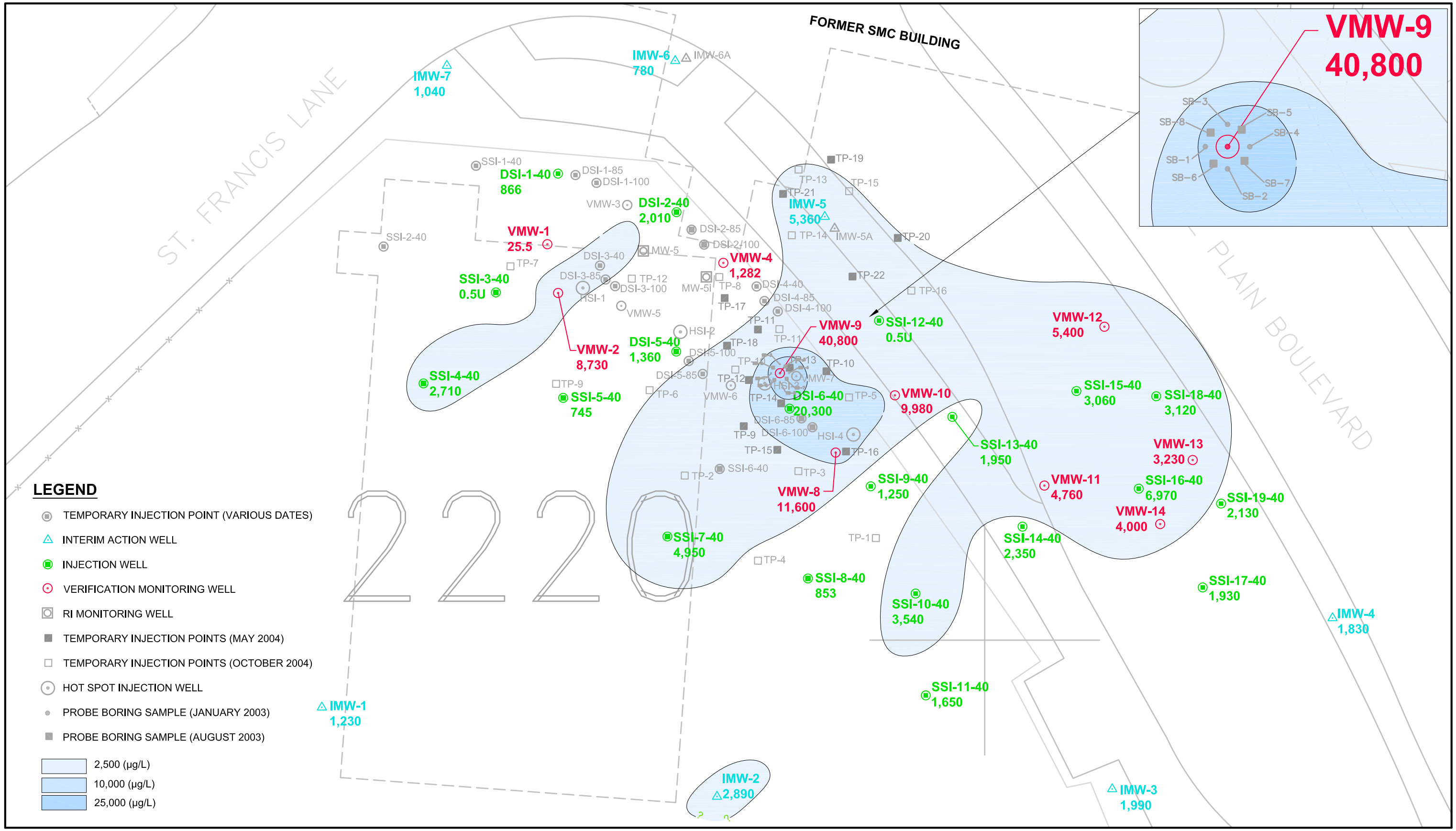
N

0 20'

SCALE IN FEET

Figure 6-6
TCE Concentration Map - Shallow Horizon
Seventh Verification Sampling Event (February-March 2003)

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: 03/27/07 1:53pm FILE: P194006584

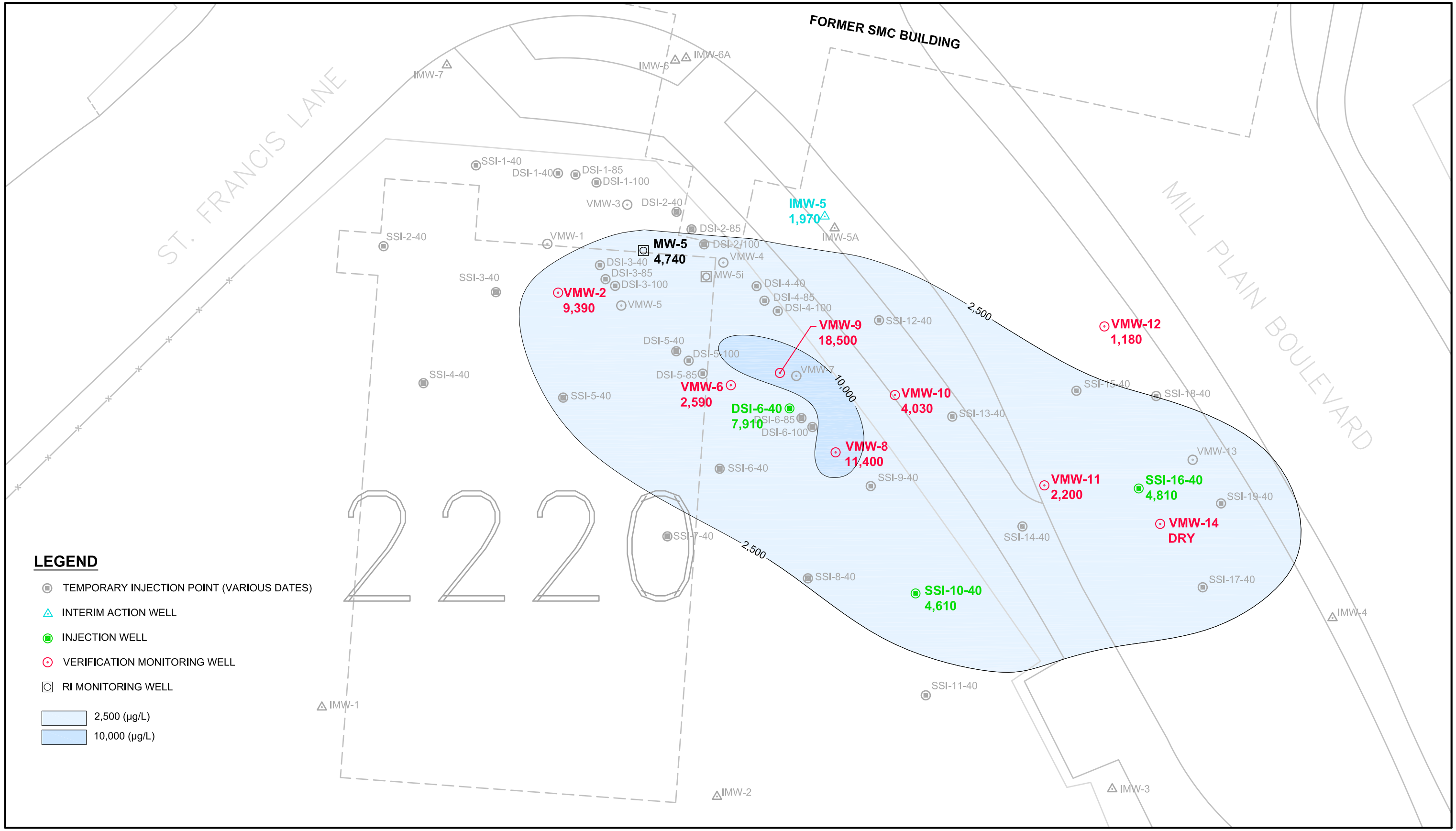
N

0 20'

SCALE IN FEET

Figure 6-7
TCE Concentration Map - Shallow Horizon
Twelfth Verification Sampling Event
(January -February 2005)

FINAL REMEDIAL INVESTIGATION REPORT, PORT OF VANCOUVER, WA



LEGEND

- TEMPORARY INJECTION POINT (VARIOUS DATES)
- INTERIM ACTION WELL
- INJECTION WELL
- VERIFICATION MONITORING WELL
- RI MONITORING WELL
- 2,500 (µg/L)
- 10,000 (µg/L)

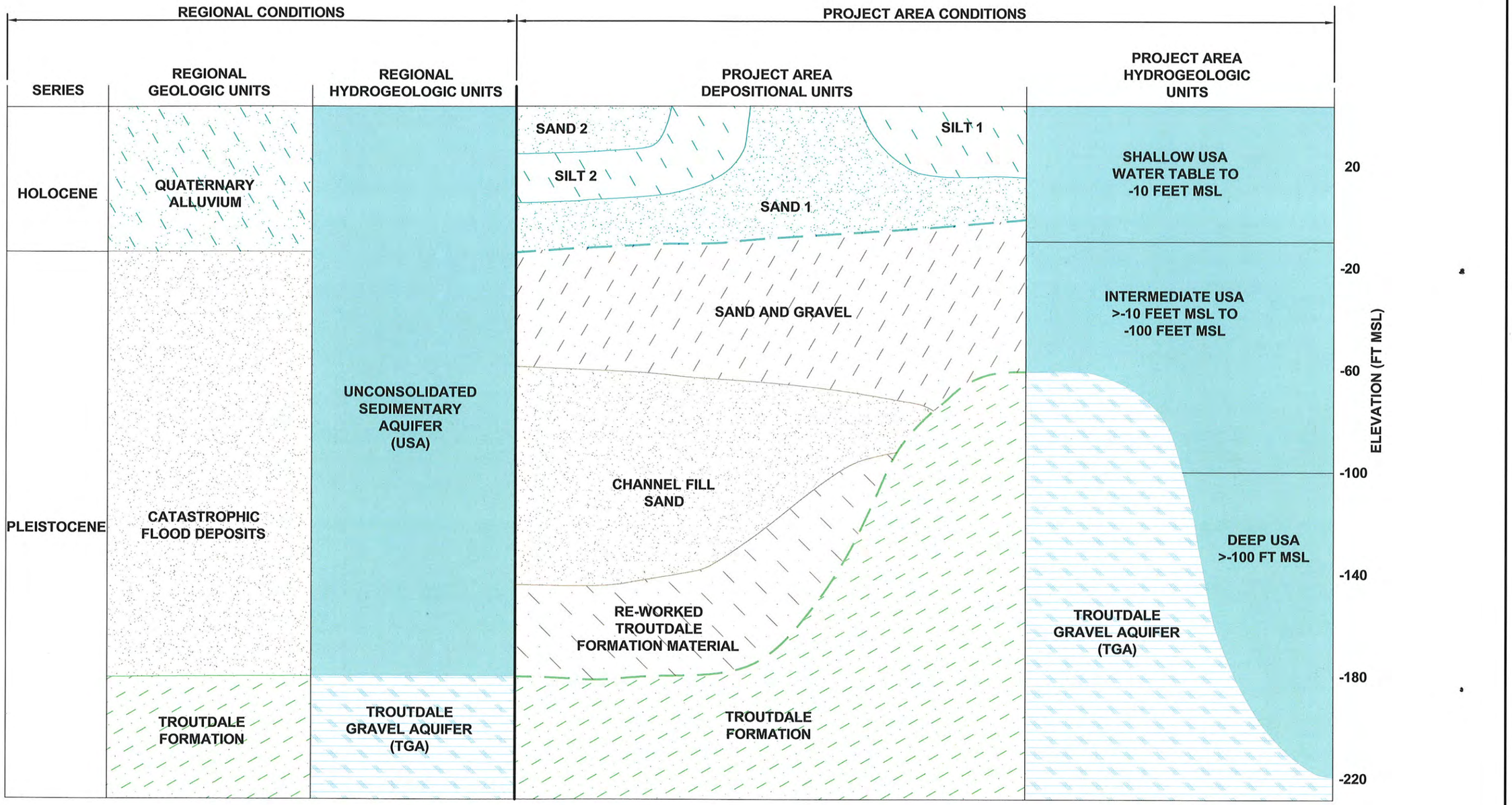
Parametrix DATE: 03/27/07 1:59pm FILE: P194006585

N

0 20'

SCALE IN FEET

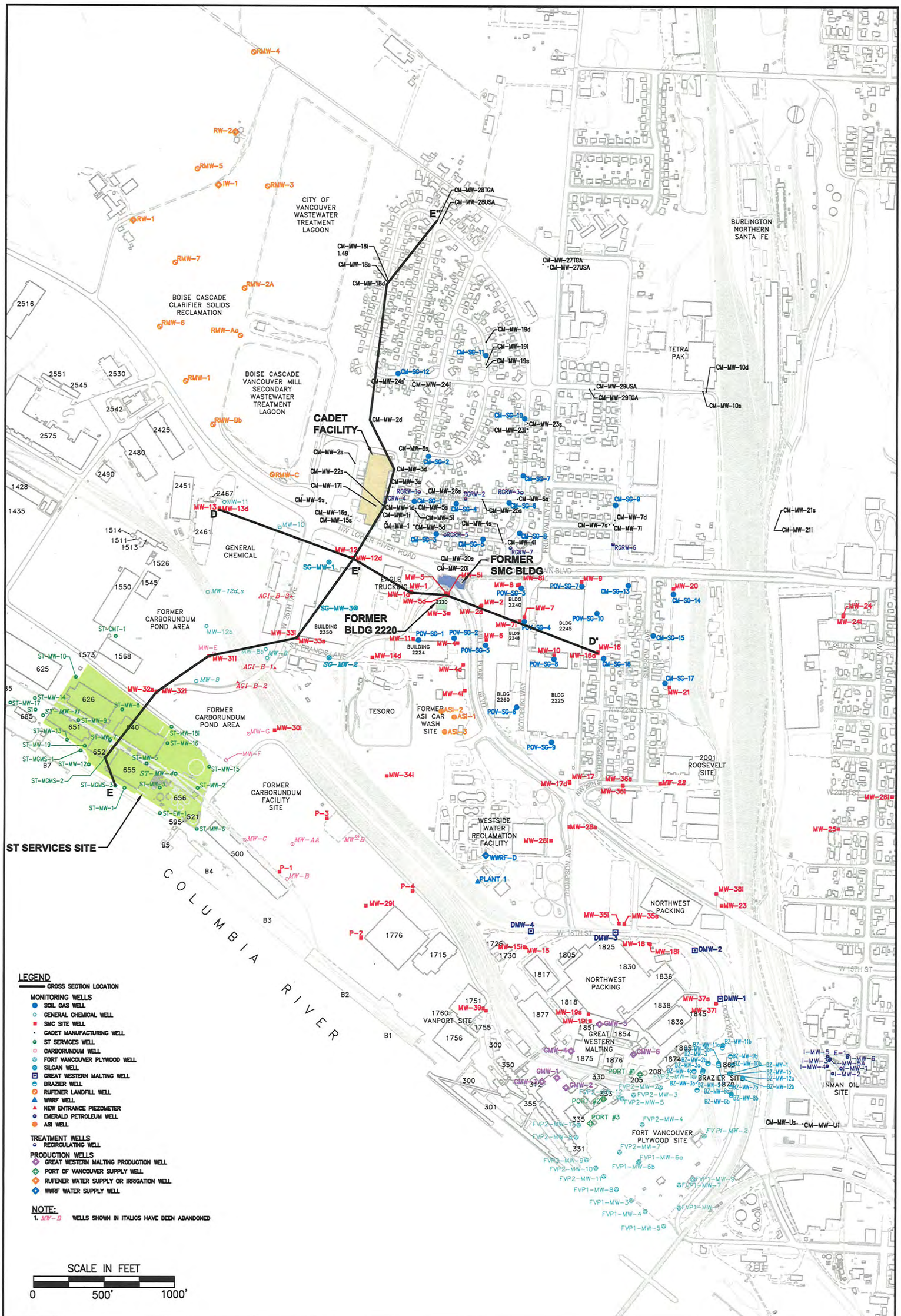
Figure 6-8
TCE Concentration Map - Shallow Horizon
February 2007 Sampling Event
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006586

SCALE: HORIZONTAL NOT TO SCALE
VERTICAL 1"=40'

Figure 7-1
Regional And Project Area Geologic And Hydrologic Units
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006587

Figure 7-2
Cross Section Orientations
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

D

D'

MW-13d

MW-12d

MW-1d

MW-5d

MW-2d

MW-7i

ELEVATION (FT MSL)

60

20

-20

-60

-100

-140

-180

-220

-260

SAND 1

ALLUVIUM

SAND AND GRAVEL

CATASTROPHIC
FLOOD DEPOSITS

GRAVEL WITH SAND

CHANNEL FILL

RE-WORKED
TROUTDALE FORMATION
MATERIAL

TROUTDALE FORMATION

?

SAND 1

SAND AND GRAVEL

CHANNEL FILL

RE-WORKED
TROUTDALE
FORMATION
MATERIAL

TROUTDALE FORMATION

Parametrix DATE: Apr 21, 2009 FILE: P194006588

APPROXIMATE SCALE: HORIZONTAL 1"=200'
VERTICAL 1"=80'

LEGEND

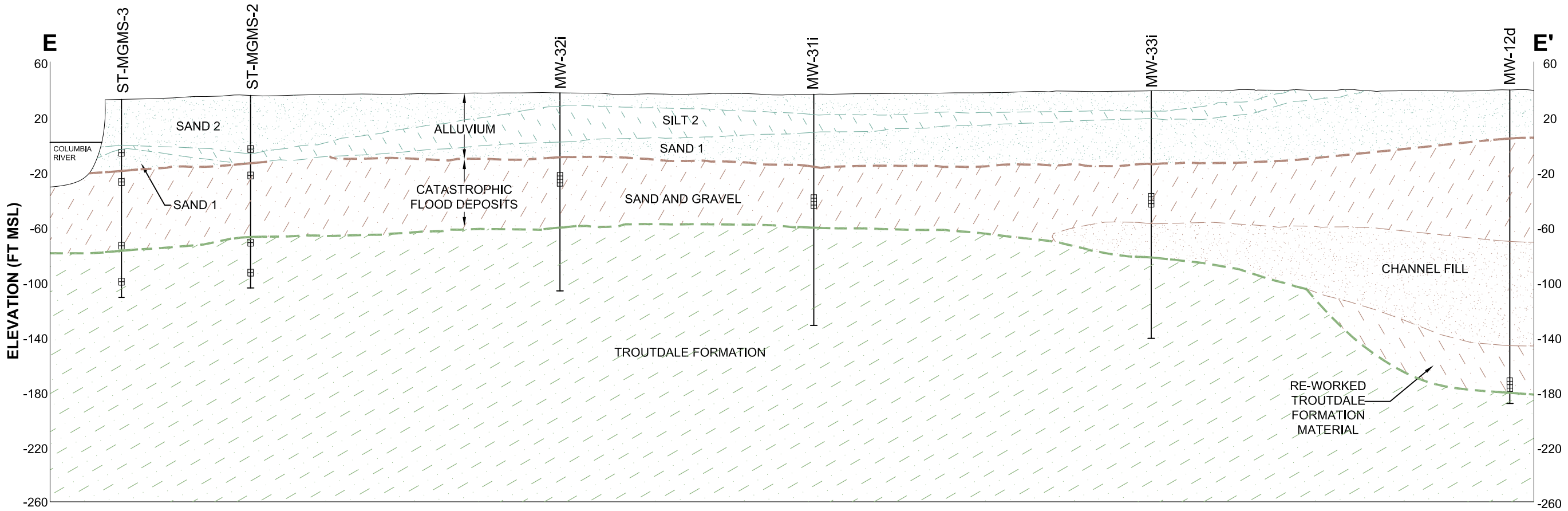
WELL

WELL SCREEN INTERVAL

GEOLOGIC CONTACT

BOTTOM OF BORING

Figure 7-3
Cross Section D-D'
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



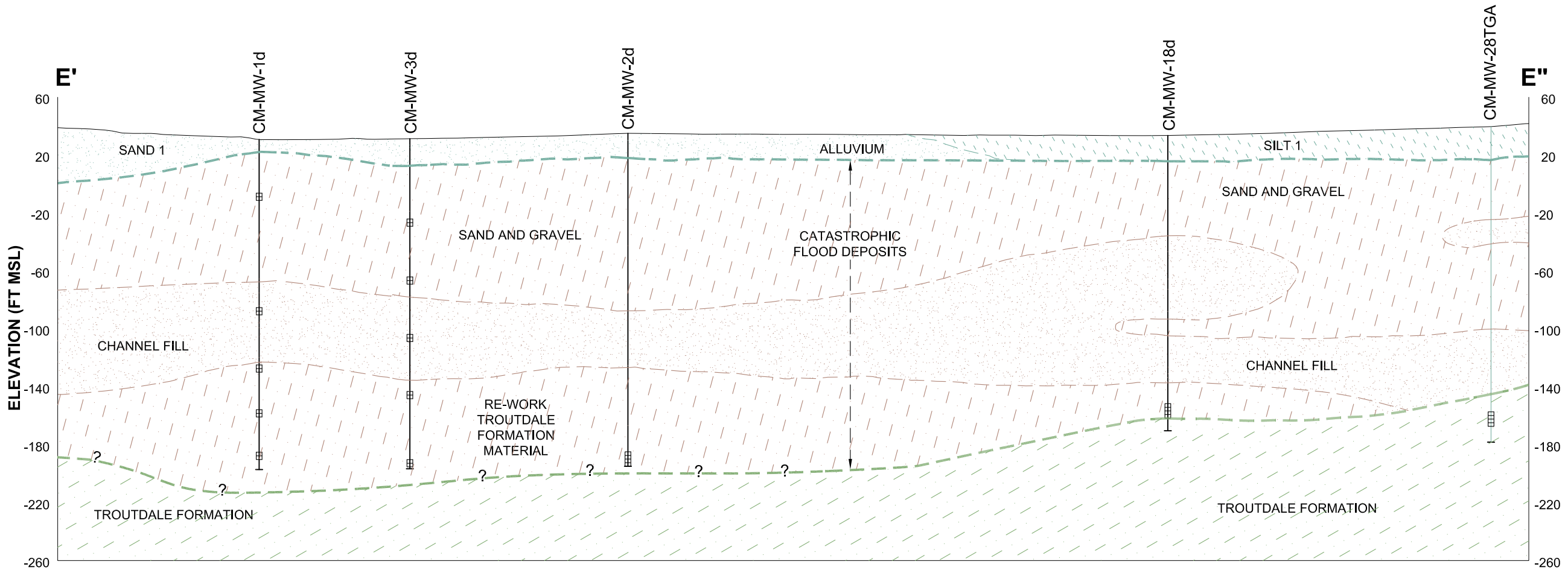
Parametrix DATE: Apr 21, 2009 FILE: P194006589

APPROXIMATE SCALE: HORIZONTAL 1"=200'
VERTICAL 1"=80'

LEGEND

- WELL
- WELL SCREEN INTERVAL
- GEOLOGIC CONTACT
- BOTTOM OF BORING

Figure 7-4
Cross Section E-E'
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



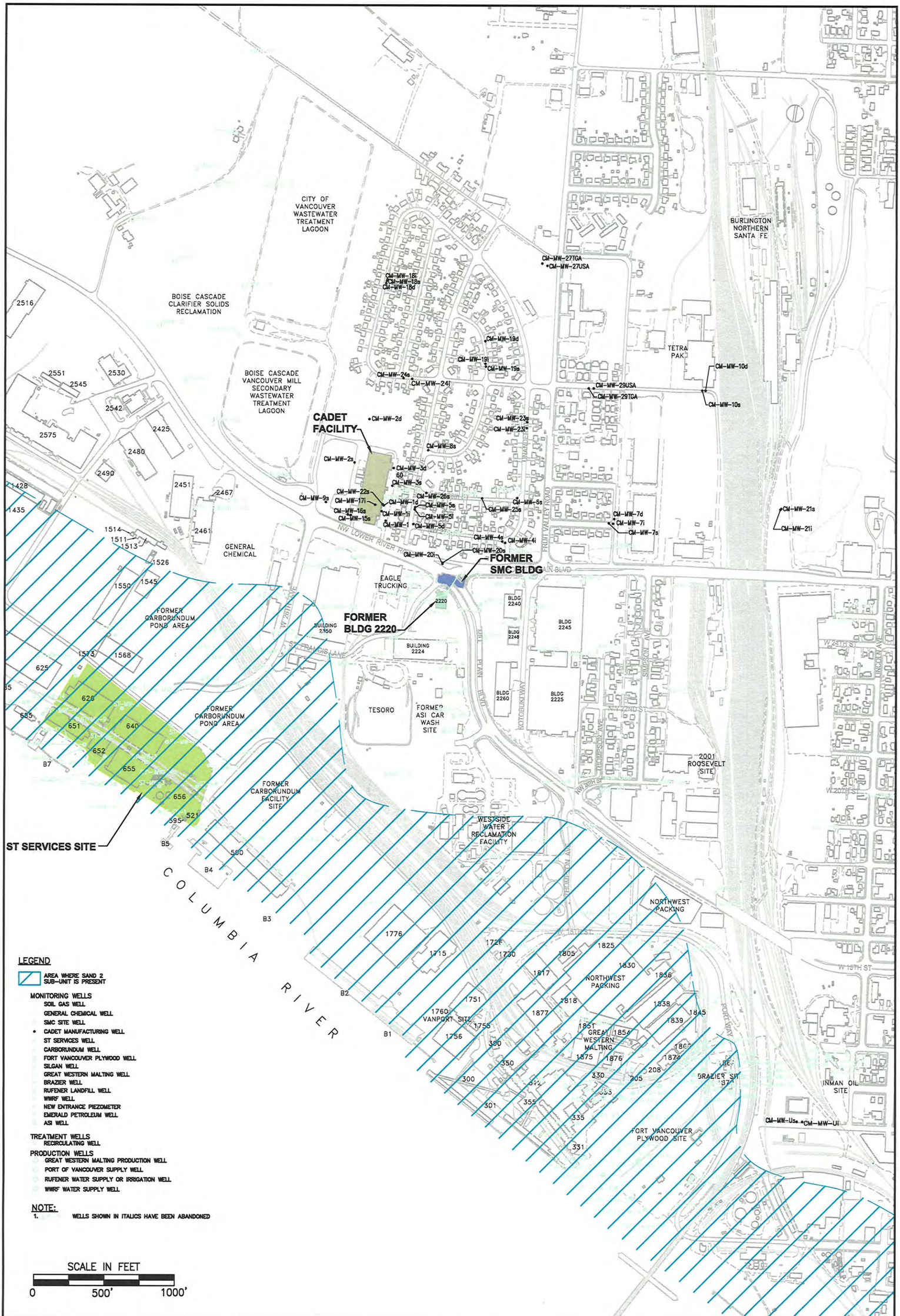
Parametrix DATE: Apr 21, 2009 FILE: P194006590

APPROXIMATE SCALE: HORIZONTAL 1"=200'
VERTICAL 1"=80'

LEGEND

- WELL
- WELL SCREEN INTERVAL
- GEOLOGIC CONTACT
- BOTTOM OF BORING

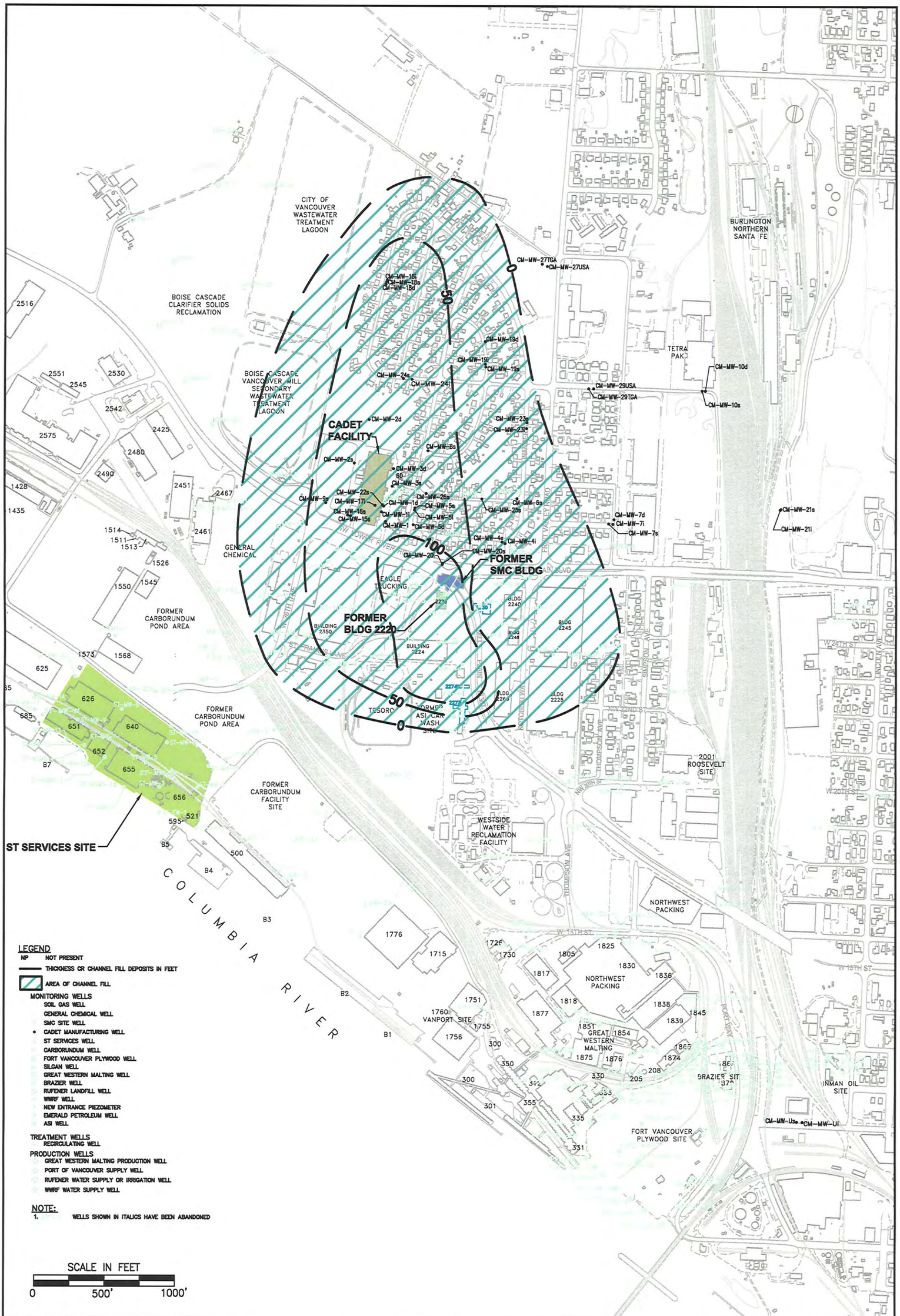
Figure 7-5
Cross Section E'-E"
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 28, 2007 FILE: P194006593

Figure 7-6
Extent of Primary Dredge Fill Deposits

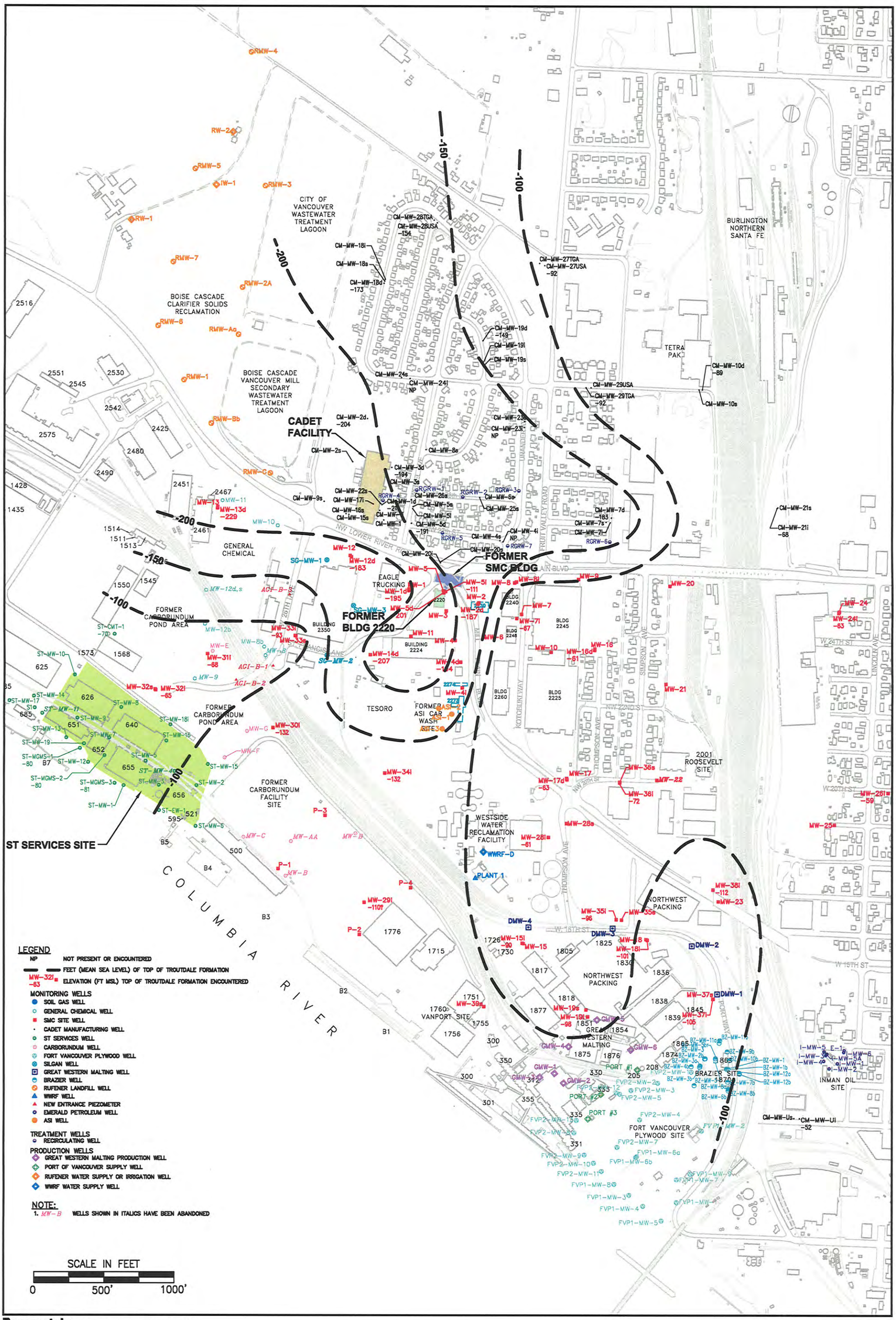
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 28, 2007 FILE: P194006592

Figure 7-7
Channel Fill Thickness

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006591

Figure 7-8
Top of Troutdale Formation
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

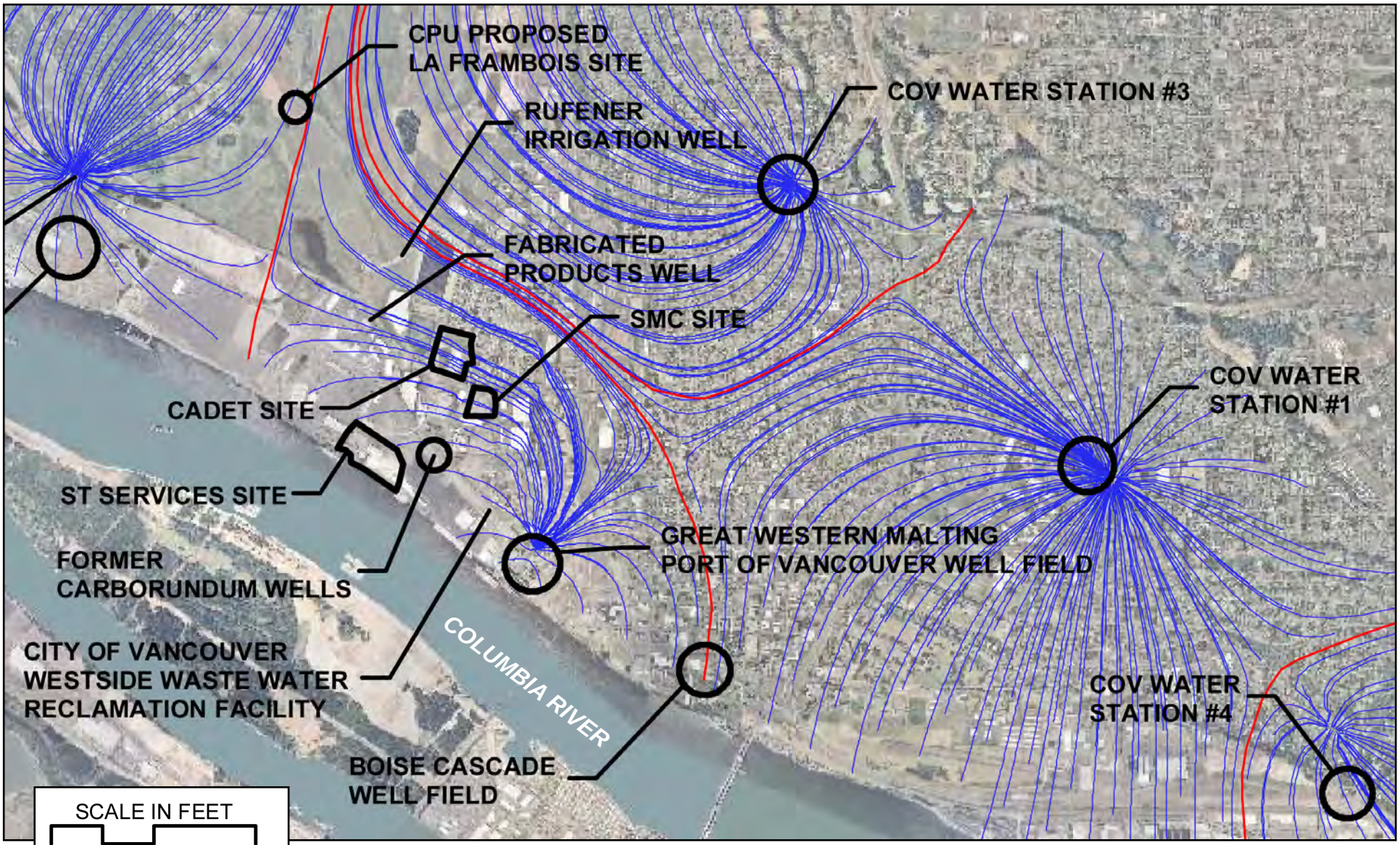
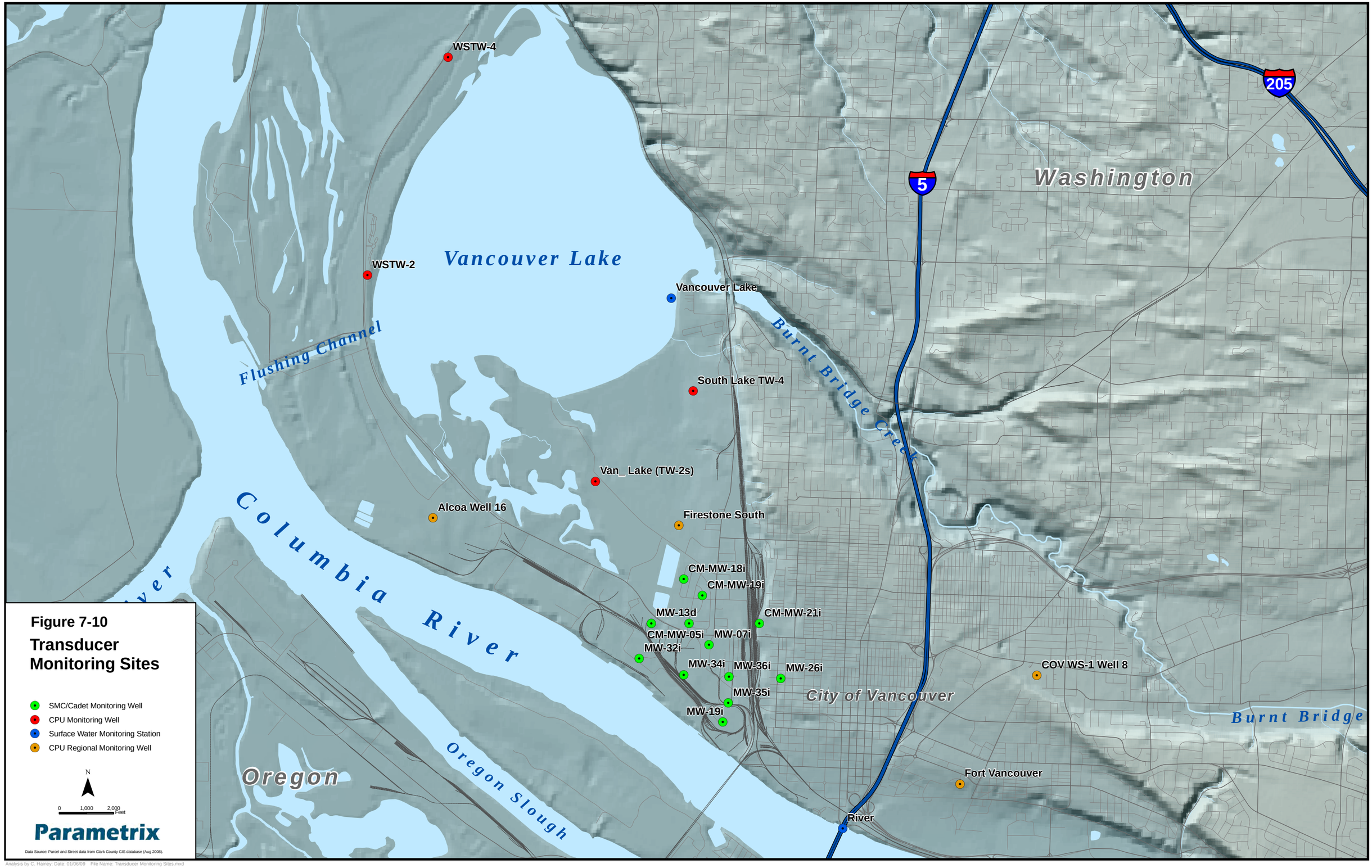


Figure 7-9
Capture Zones
Final Remedial Investigation Report
Port of Vancouver, Washington



Analysis by C. Hainey: Date: 01/06/09 File Name: Transducer Monitoring Sites.mxd

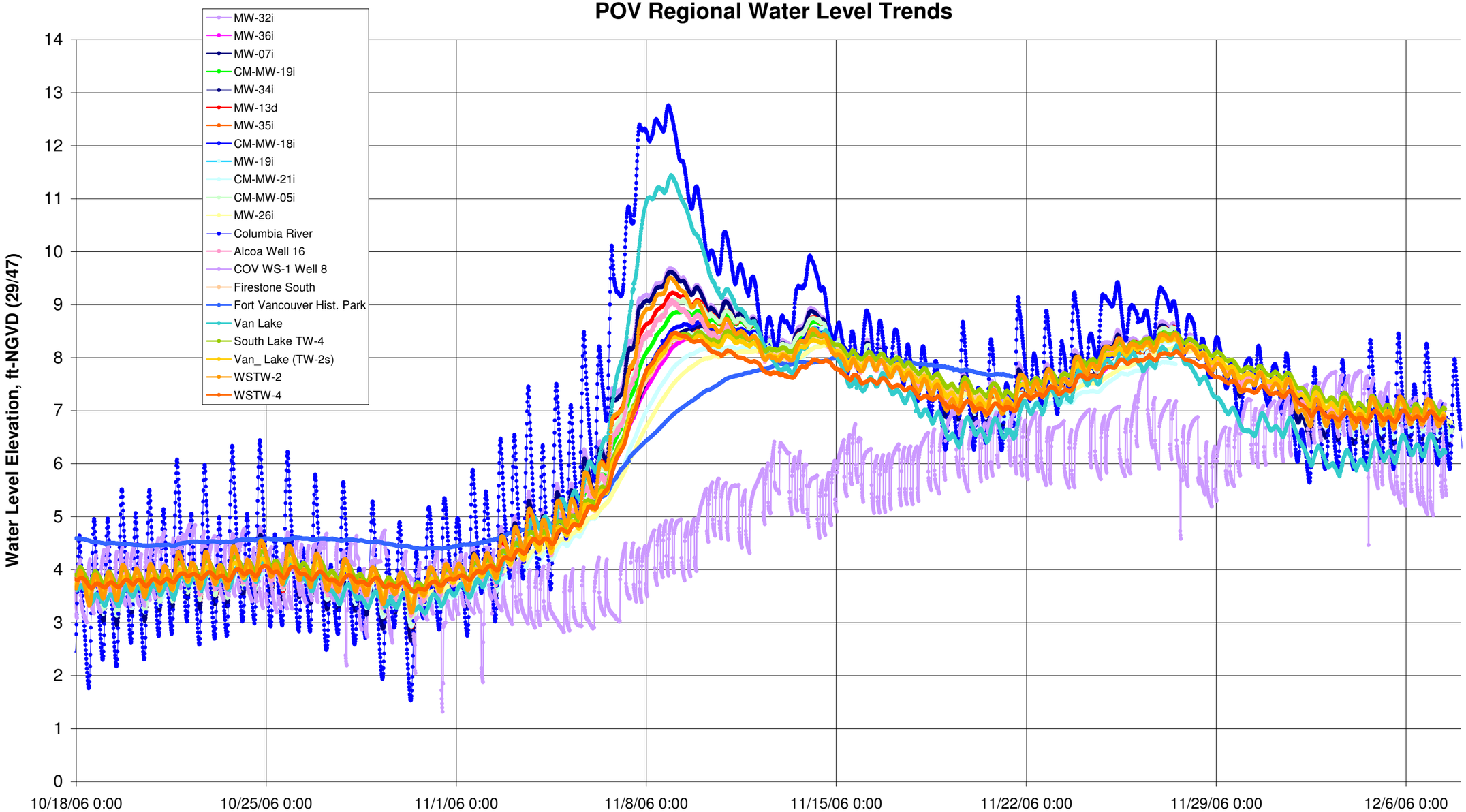


Figure 7-11
POV Regional Water Level Trends

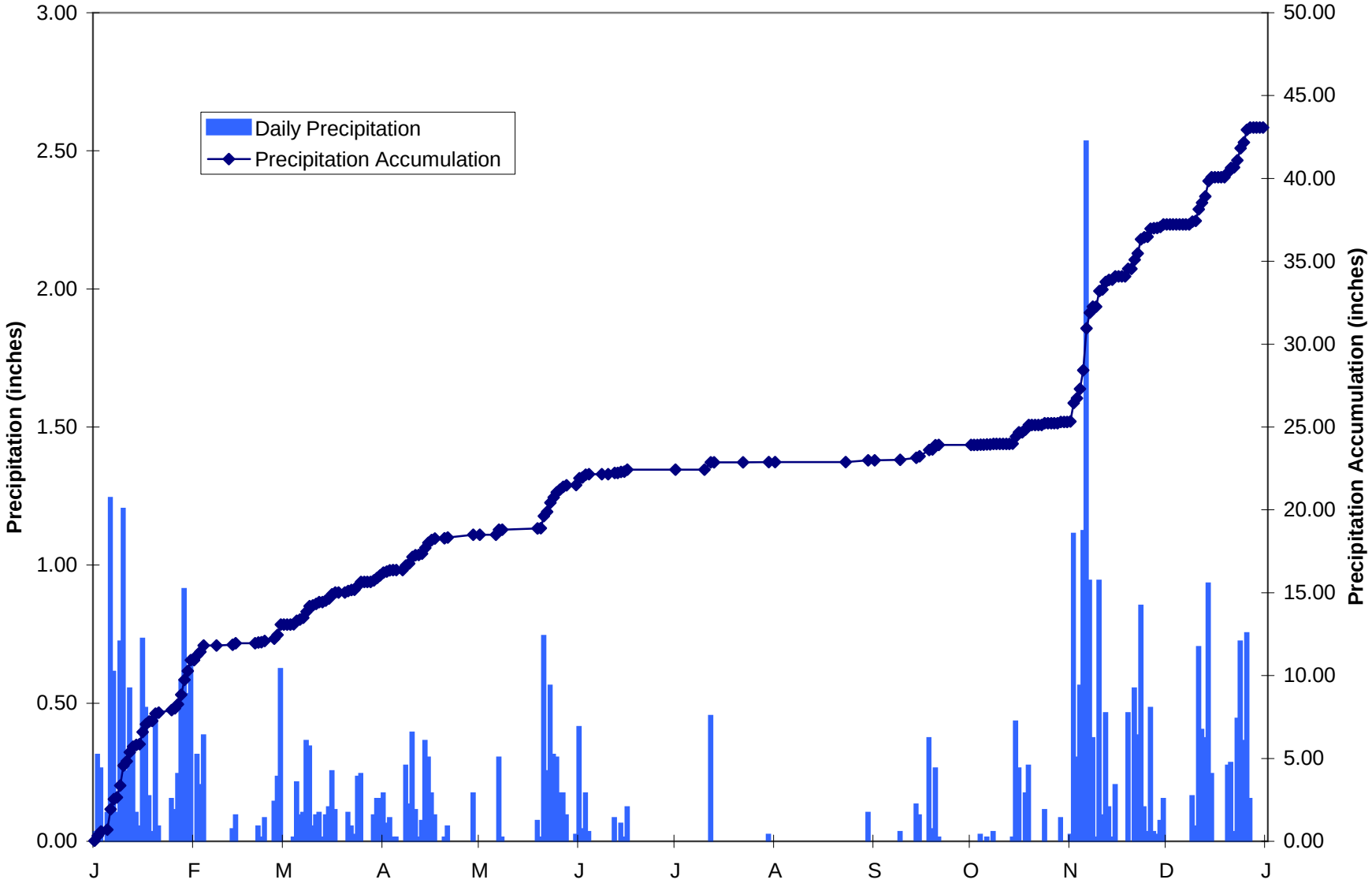


Figure 7-12
Daily Precipitation and Accumulated Precipitation for 2006

Vancouver Lake

Flushing Channel

Columbia River

Oregon Slough

Burnt Bridge Creek

Burnt Bridge

Washington

Oregon

City of Vancouver

WSTW-4
3.87 9%

WSTW-2
3.97 24%

Vancouver Lake
3.77 18%

South Lake TW-4
4.03 14%

Van_Lake (TW-2s)
3.88 15%

Alcoa Well 16
3.86 21%

Firestone South
3.92 15%

CM-MW-18i
3.86 14%

CM-MW-19i
3.83 19%

MW-13d
3.84 28%

CM-MW-05i
3.79 25%

CM-MW-21i
3.66 14%

MW-07i
3.79 16%

MW-32i
3.84 40%

MW-34i
3.78 36%

MW-36i
3.77 17%

MW-26i
3.85 12%

MW-35i
3.79 19%

MW-19i
3.73 23%

COV WS-1 Well 8
3.93 NA

Fort Vancouver
4.53 5%

River
4.01

5

205

Figure 7-13

Tidal Efficiency

- SMC/Cadet Monitoring Well
- CPU Monitoring Well
- Surface Water Monitoring Station
- CPU Regional Monitoring Well

Monitor Site
3.25 14%
Average Water Level (Ft) — Tidal Efficiency

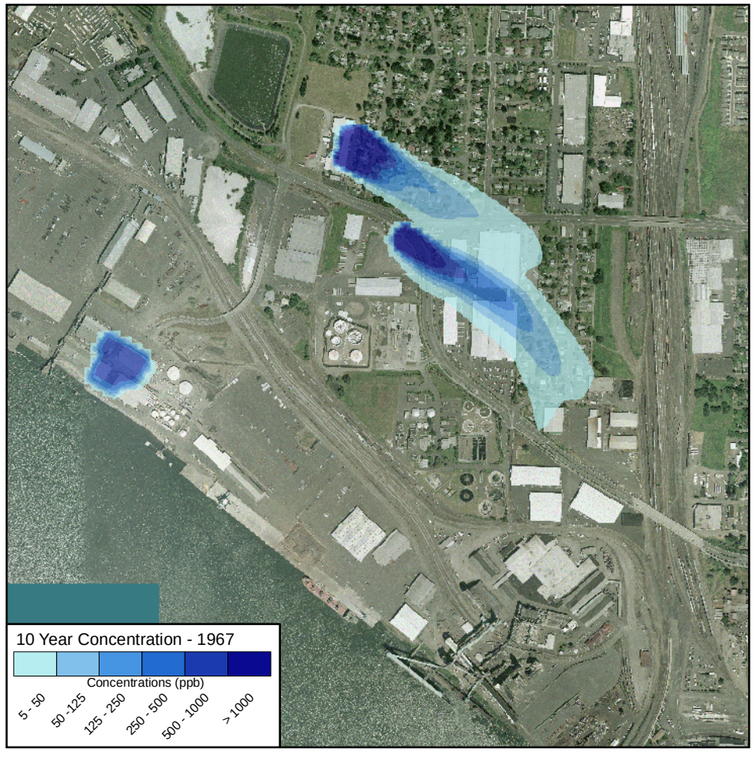
N

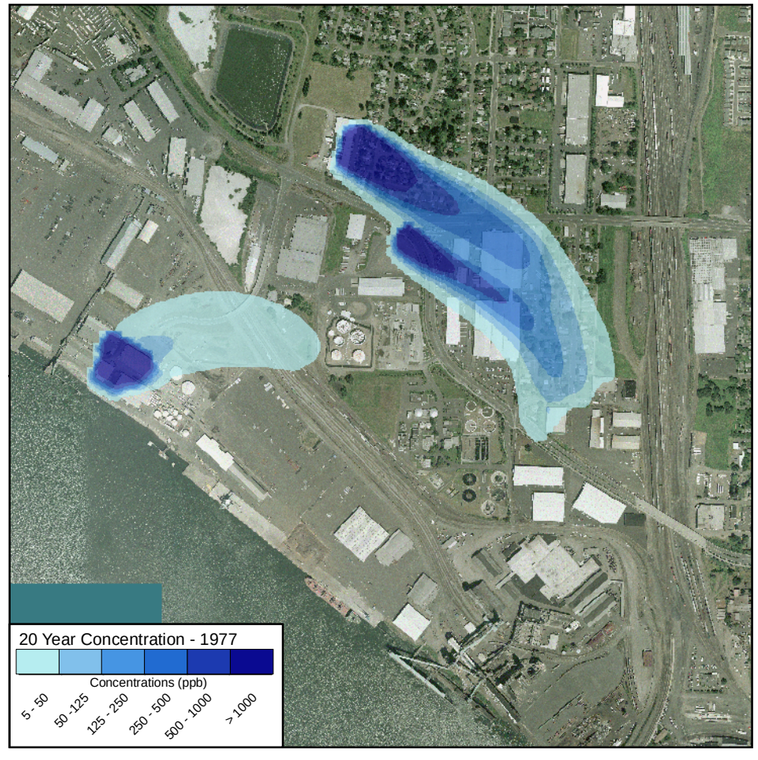
0 1,000 2,000 Feet

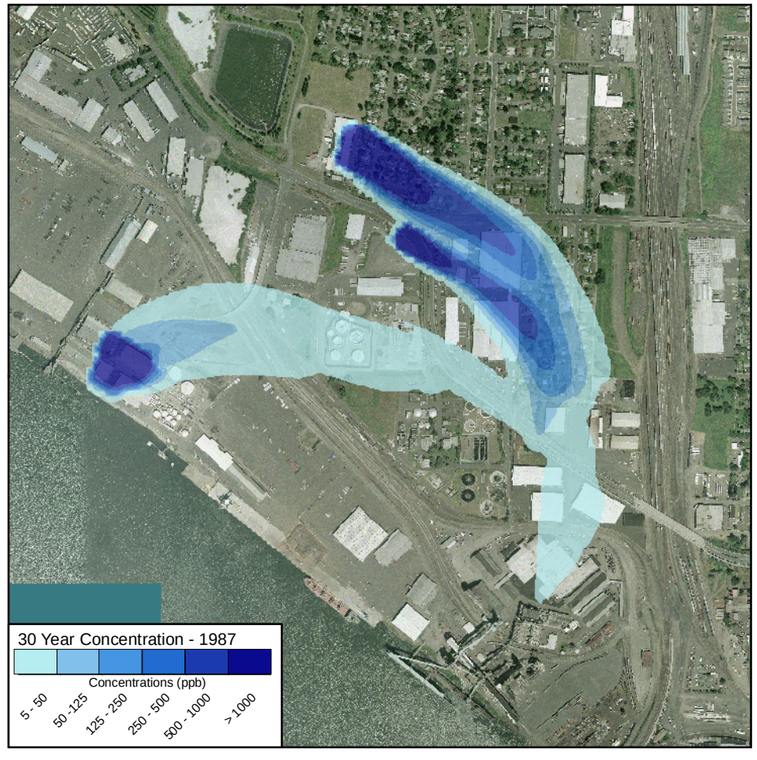
Parametrix

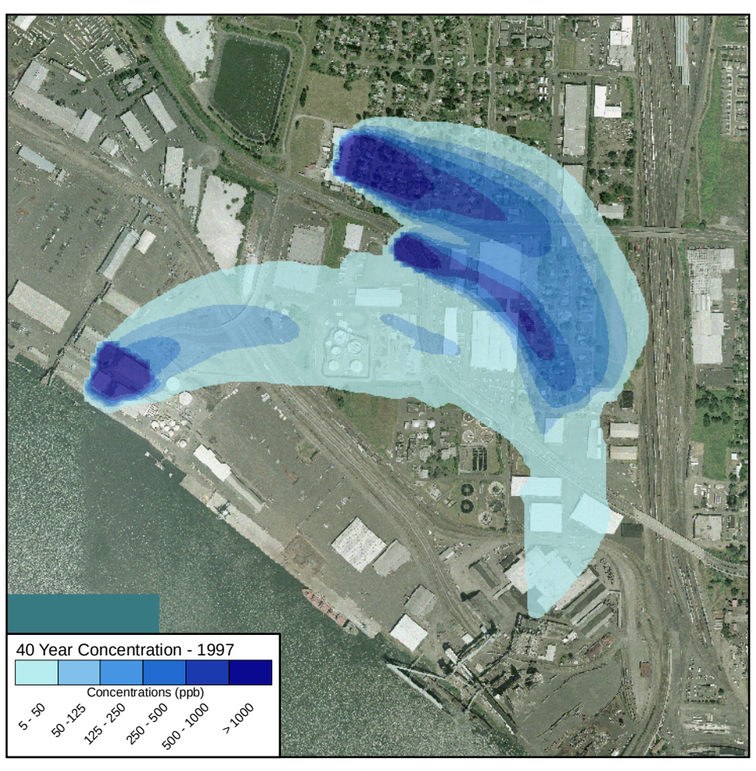
Data Source: Parcel and Street data from Clark County GIS database (Aug 2008).

Analysis by C. Hainey: Date: 01/06/09 File Name: TidalEfficiency.mxd









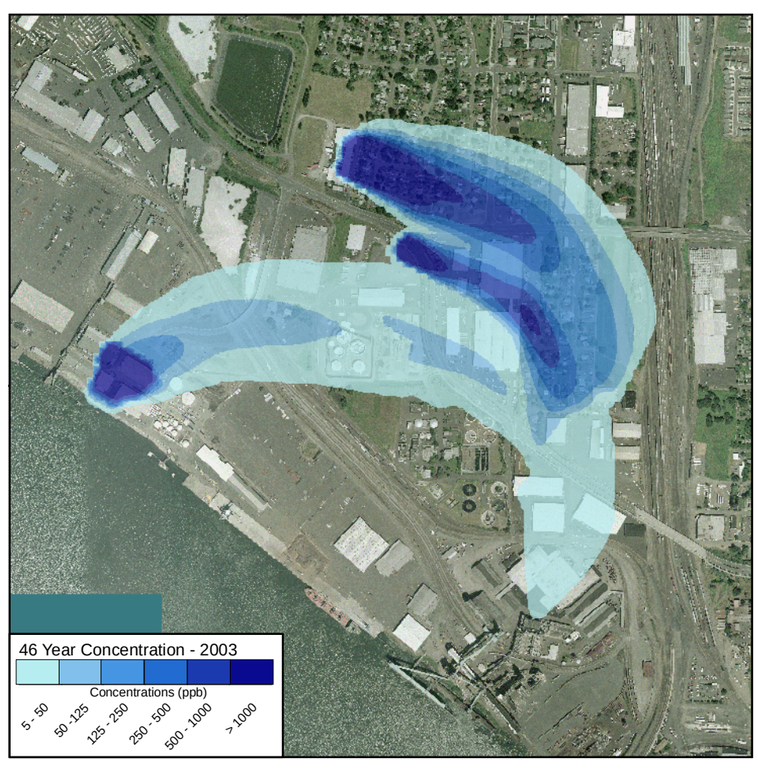
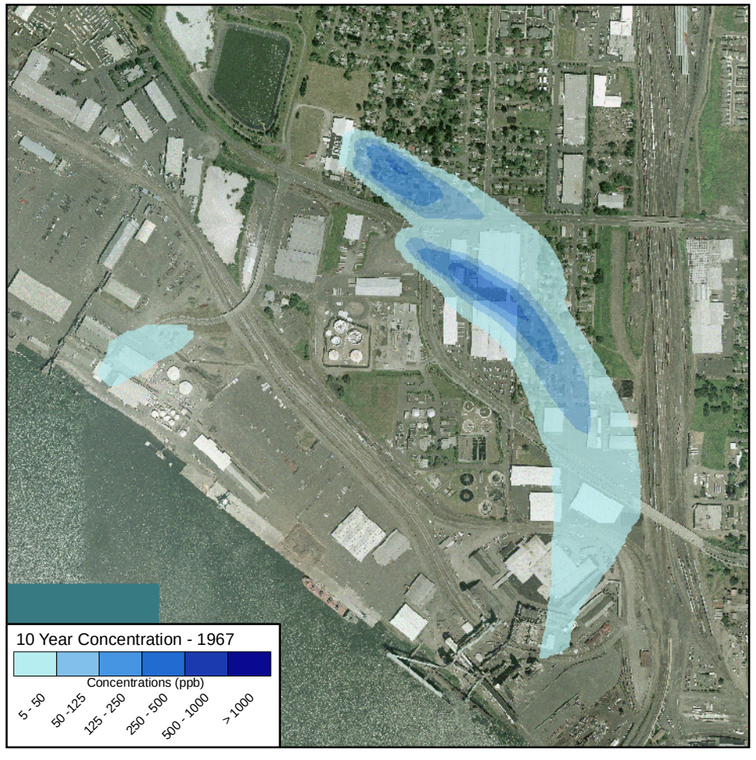


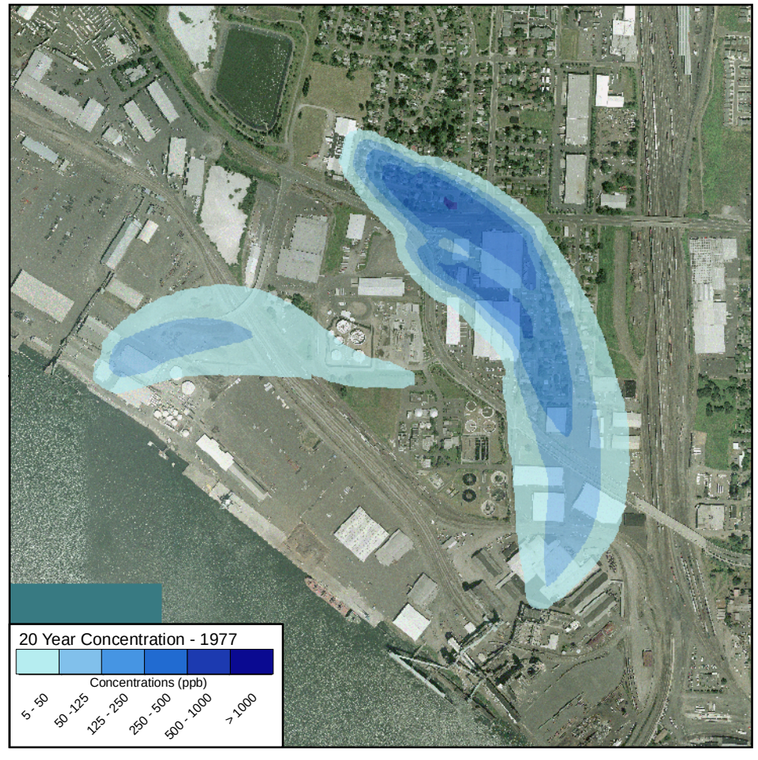
Figure 8-1: Chlorinated Solvent Concentrations in the Lower Section of Recent Alluvium 1967 to 2003

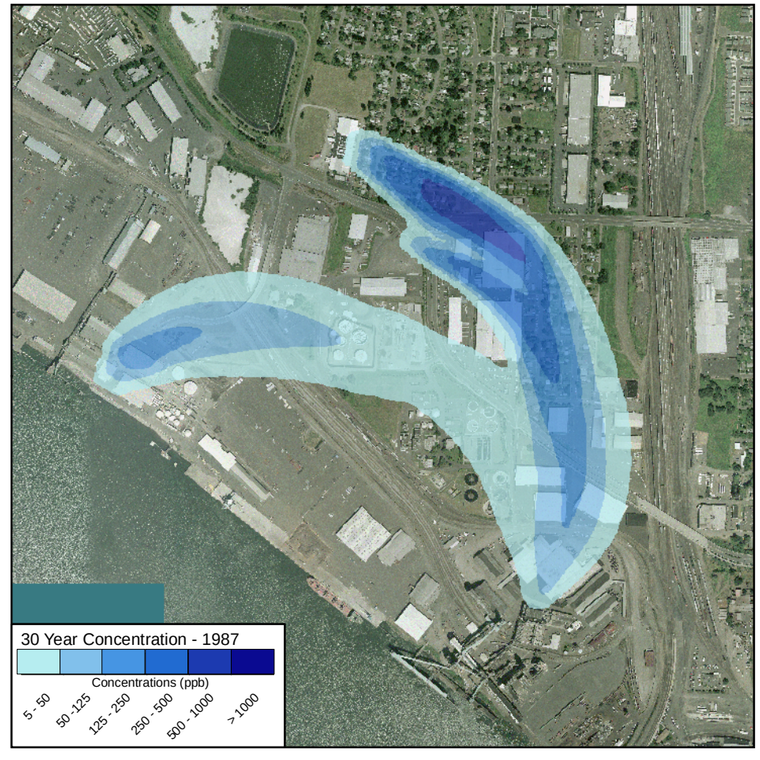
N

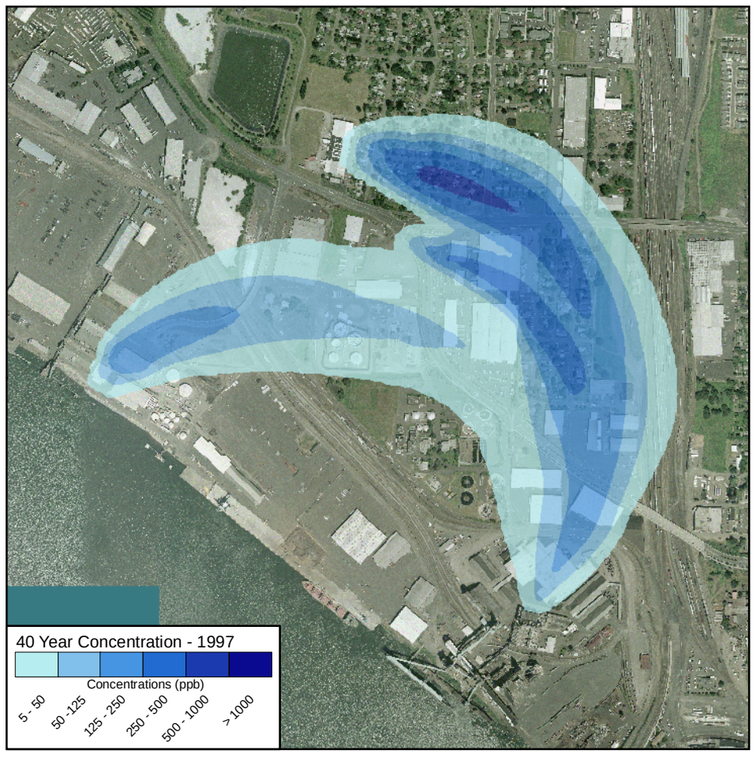
Feet
0 530 1,060 1,590 2,120

Parametrix









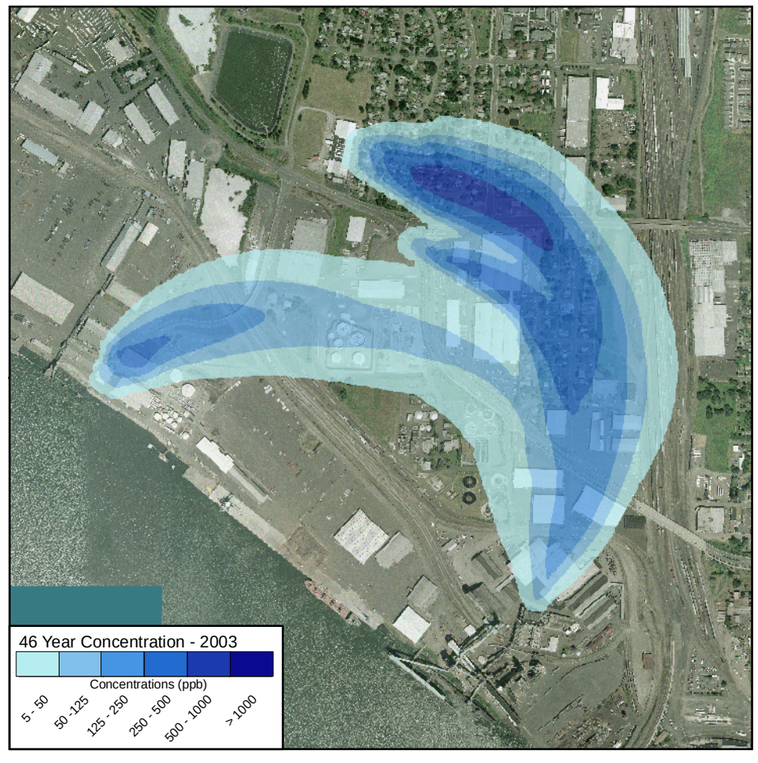
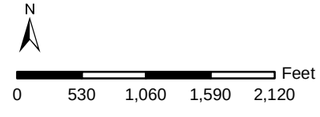
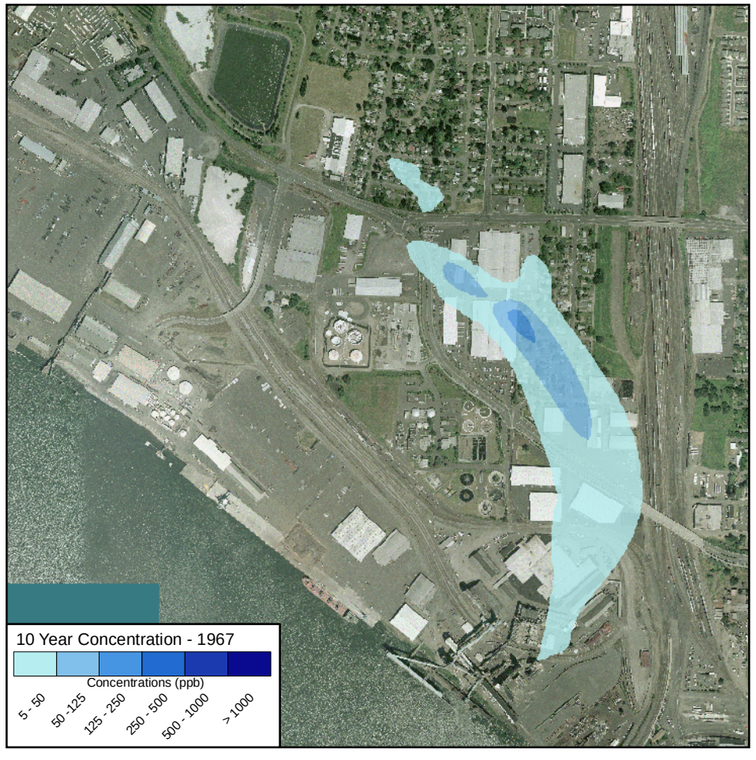
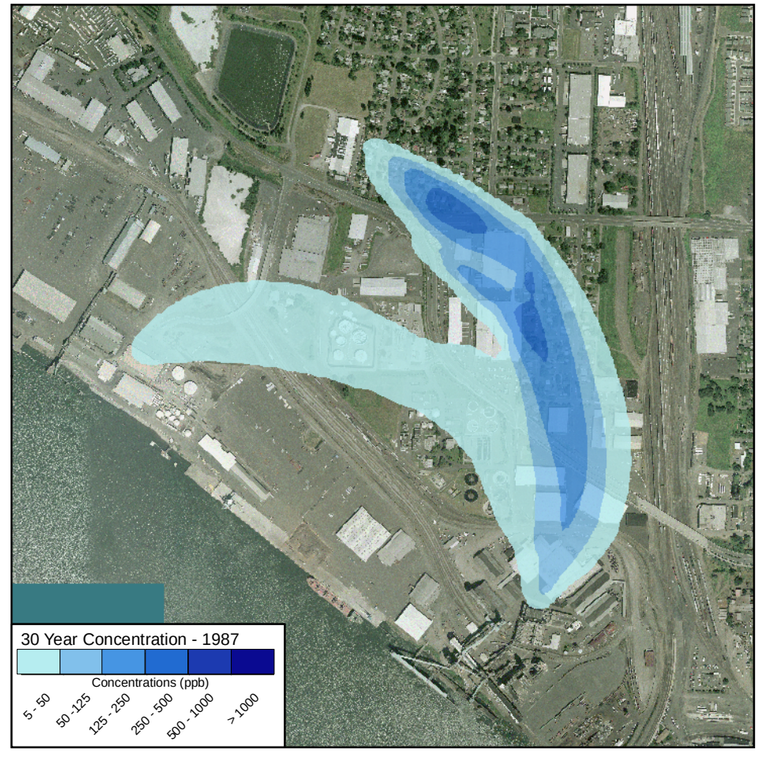


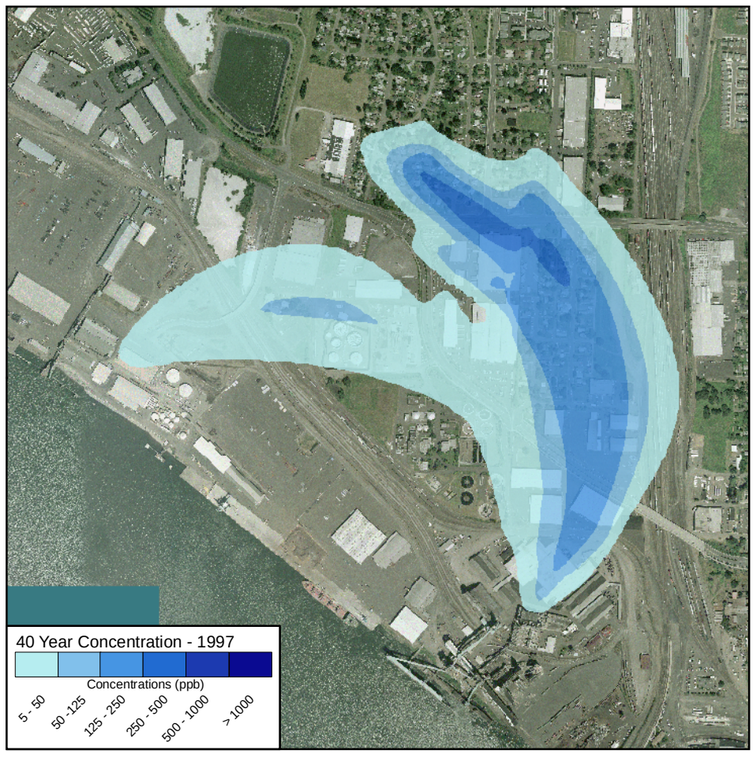
Figure 8-2: Chlorinated Solvent Concentrations in the Upper Section of USA 1967 to 2003



Parametrix







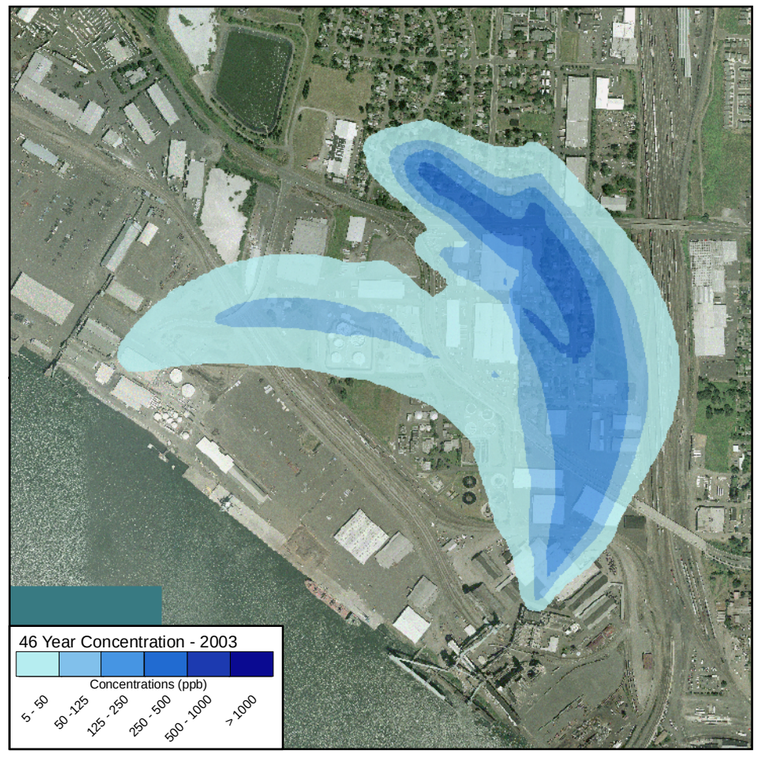
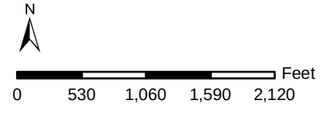
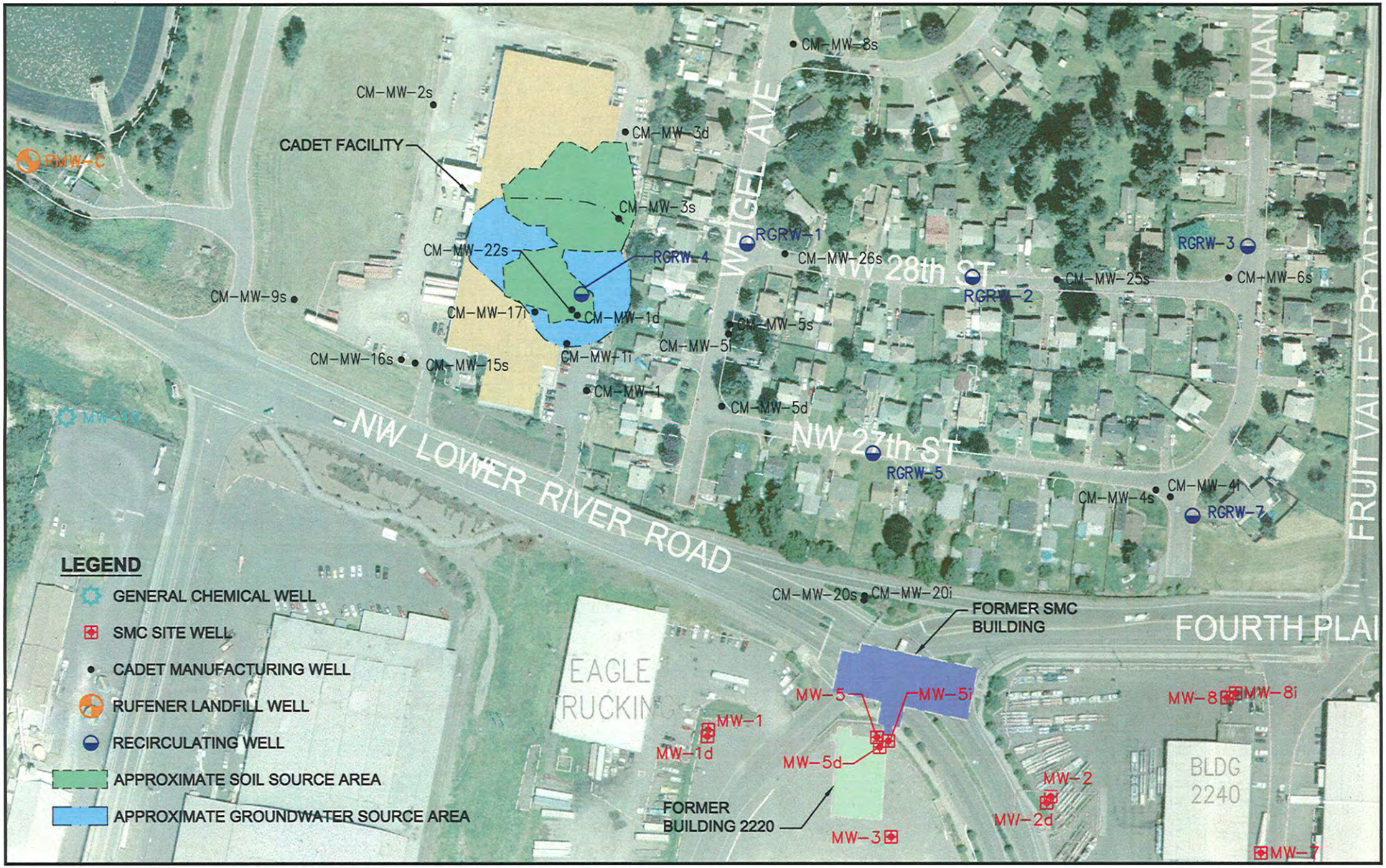


Figure 8-3: Chlorinated Solvent Concentrations in the Lower Section of USA 1967 to 2003



Parametrix



Parametrix DATE: Oct 07, 2008 FILE: P194006566

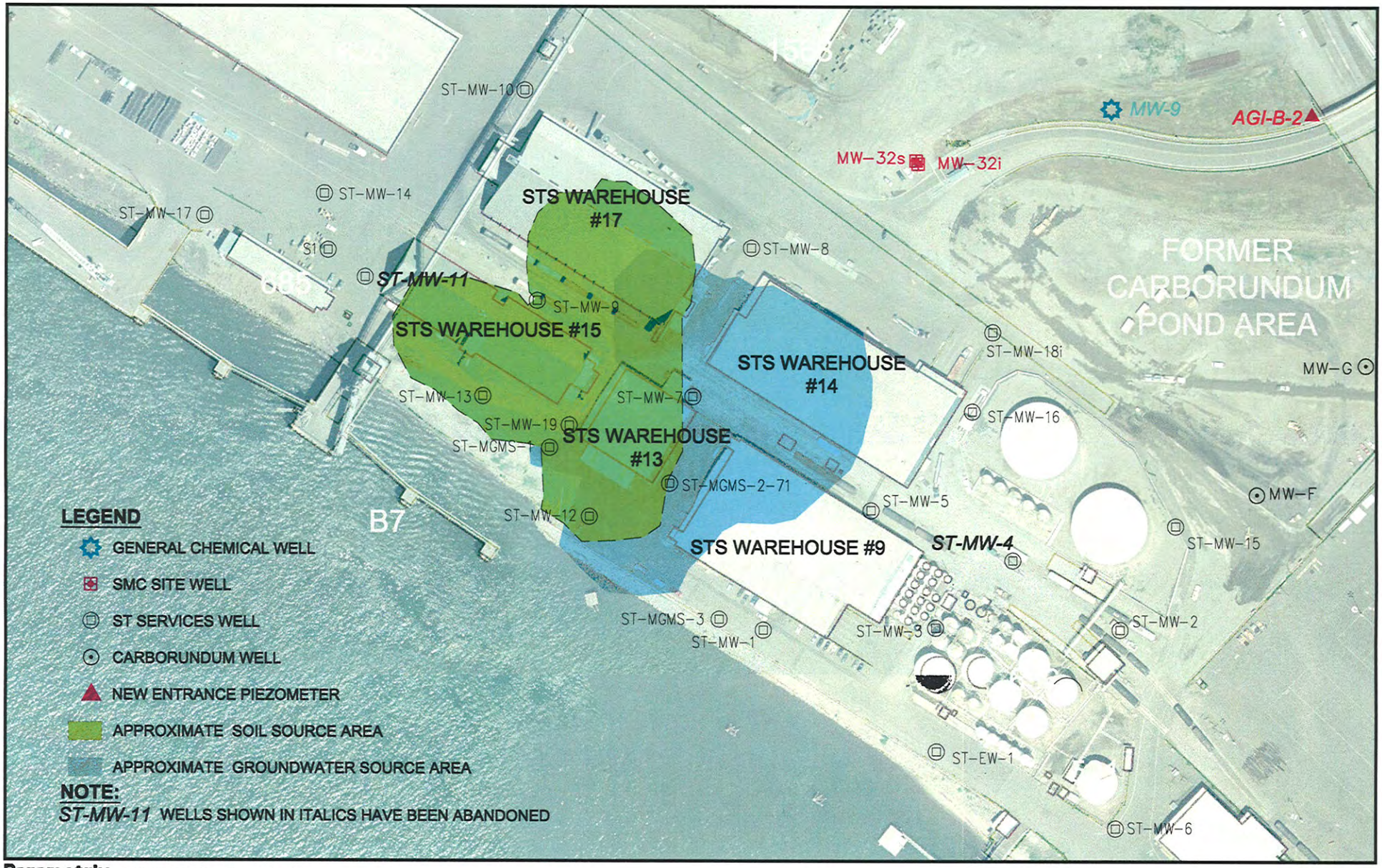
N

0 200'

SCALE IN FEET

Figure 8-4
Cadet Facility Model Source Area

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006567

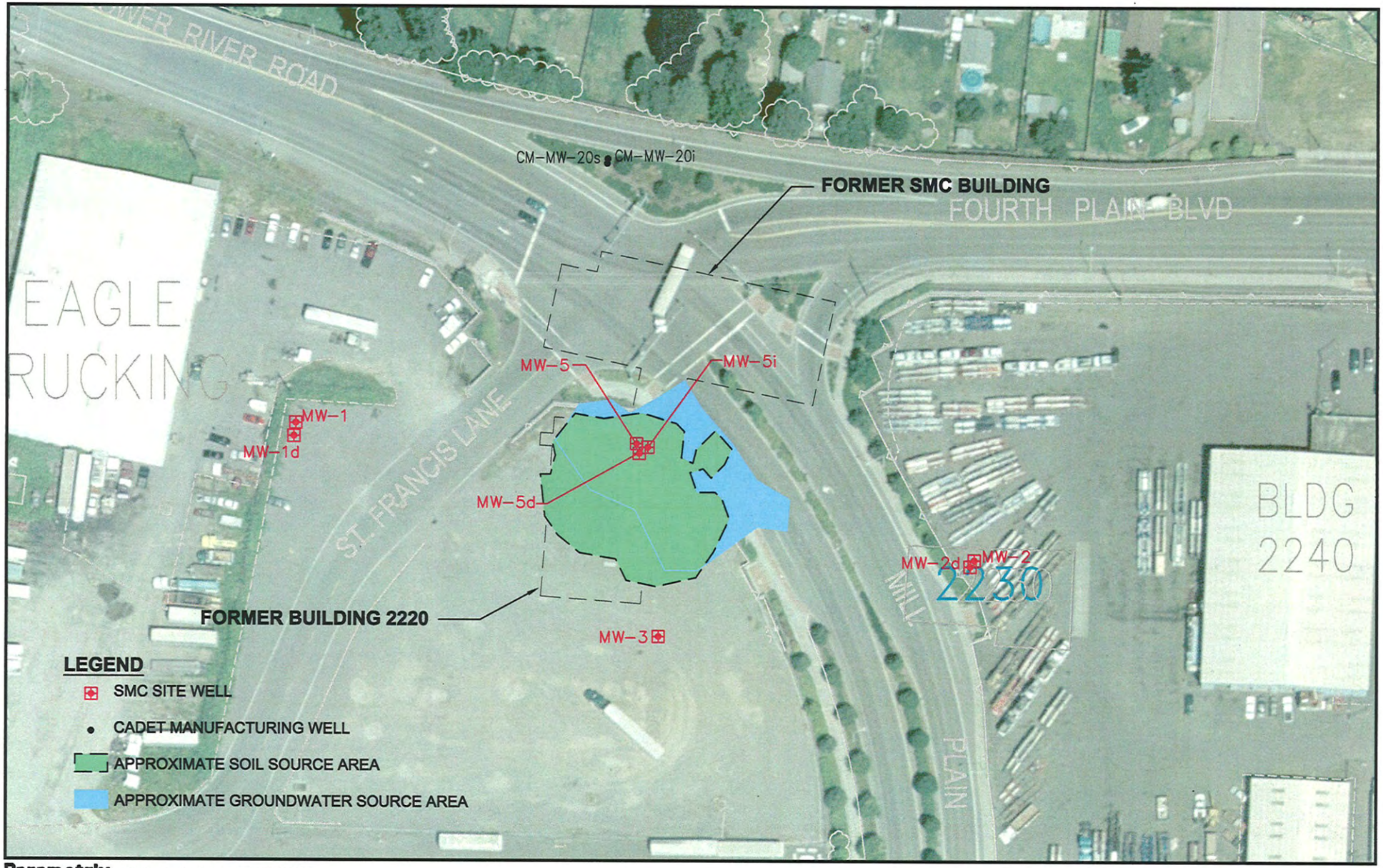
N

0 200'

SCALE IN FEET

Figure 8-5
ST Services Model Source Area

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006568

N

0 100'

SCALE IN FEET

Figure 8-6
SMC Site Model Source Area

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

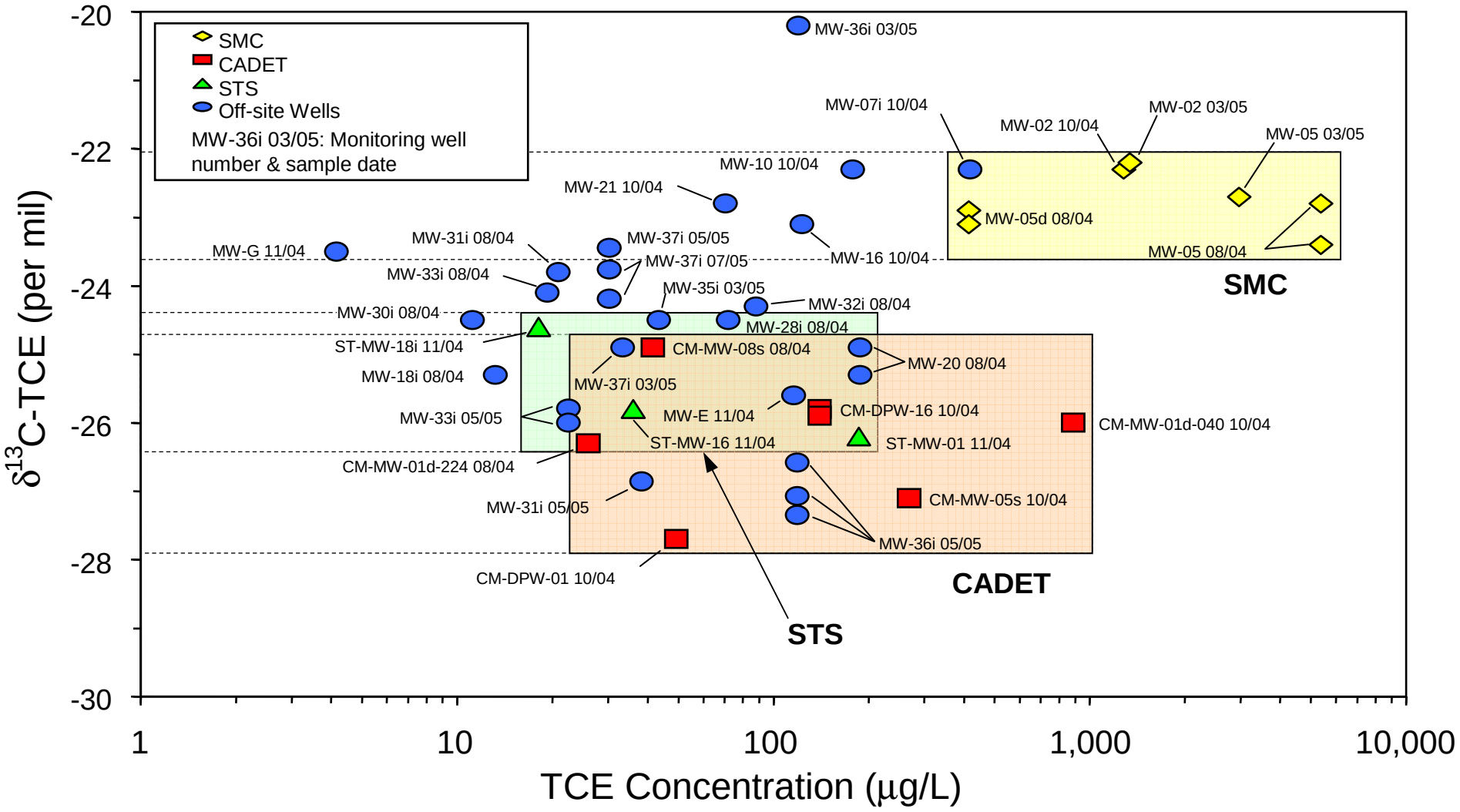


Figure 9-1
Compound Specific Carbon Isotope Signatures - TCE
Final Remedial Investigation Report
Port of Vancouver, Washington

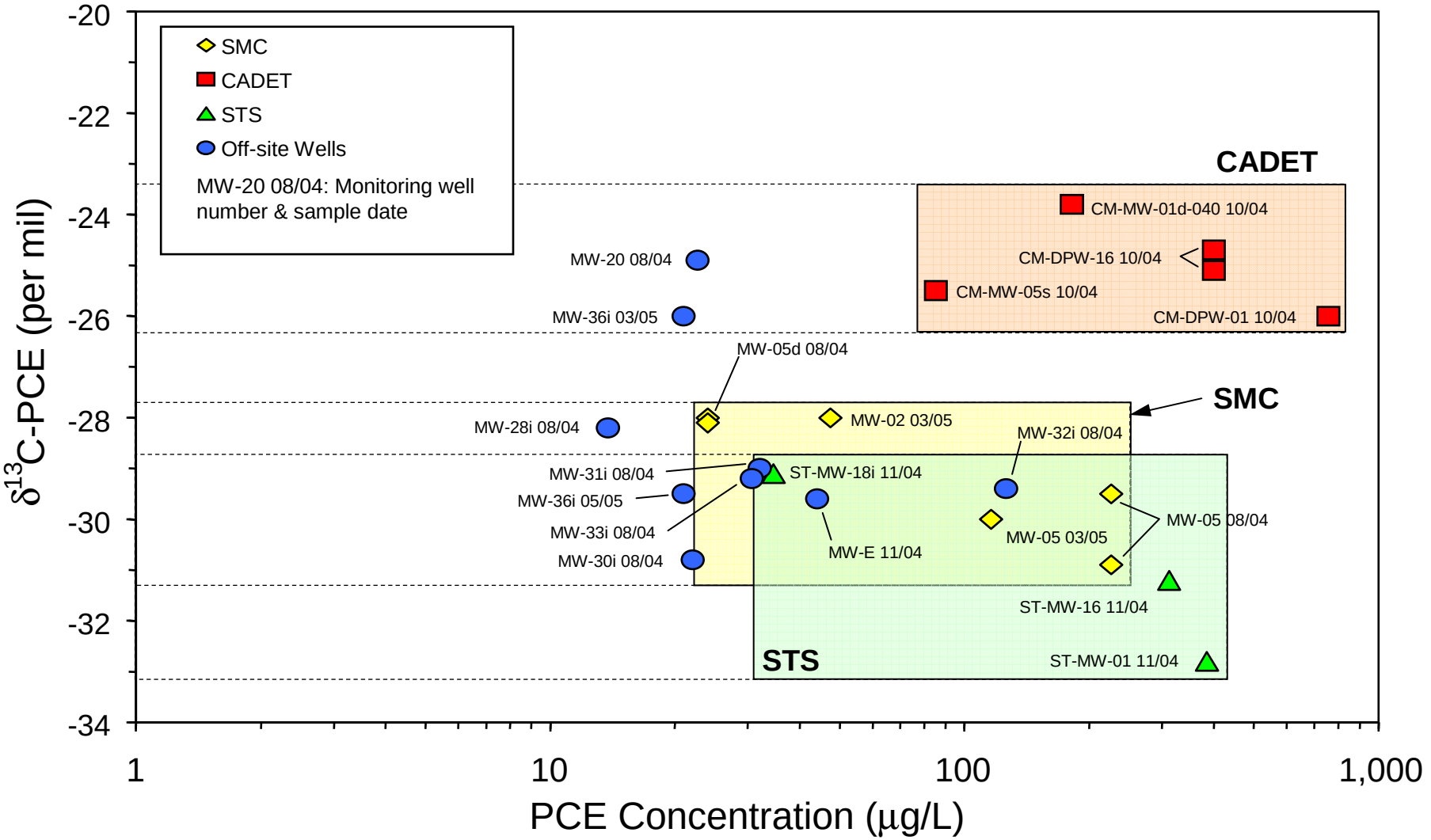


Figure 9-2
Compound Specific Carbon Isotope Signatures - PCE
Final Remedial Investigation Report
Port of Vancouver, Washington

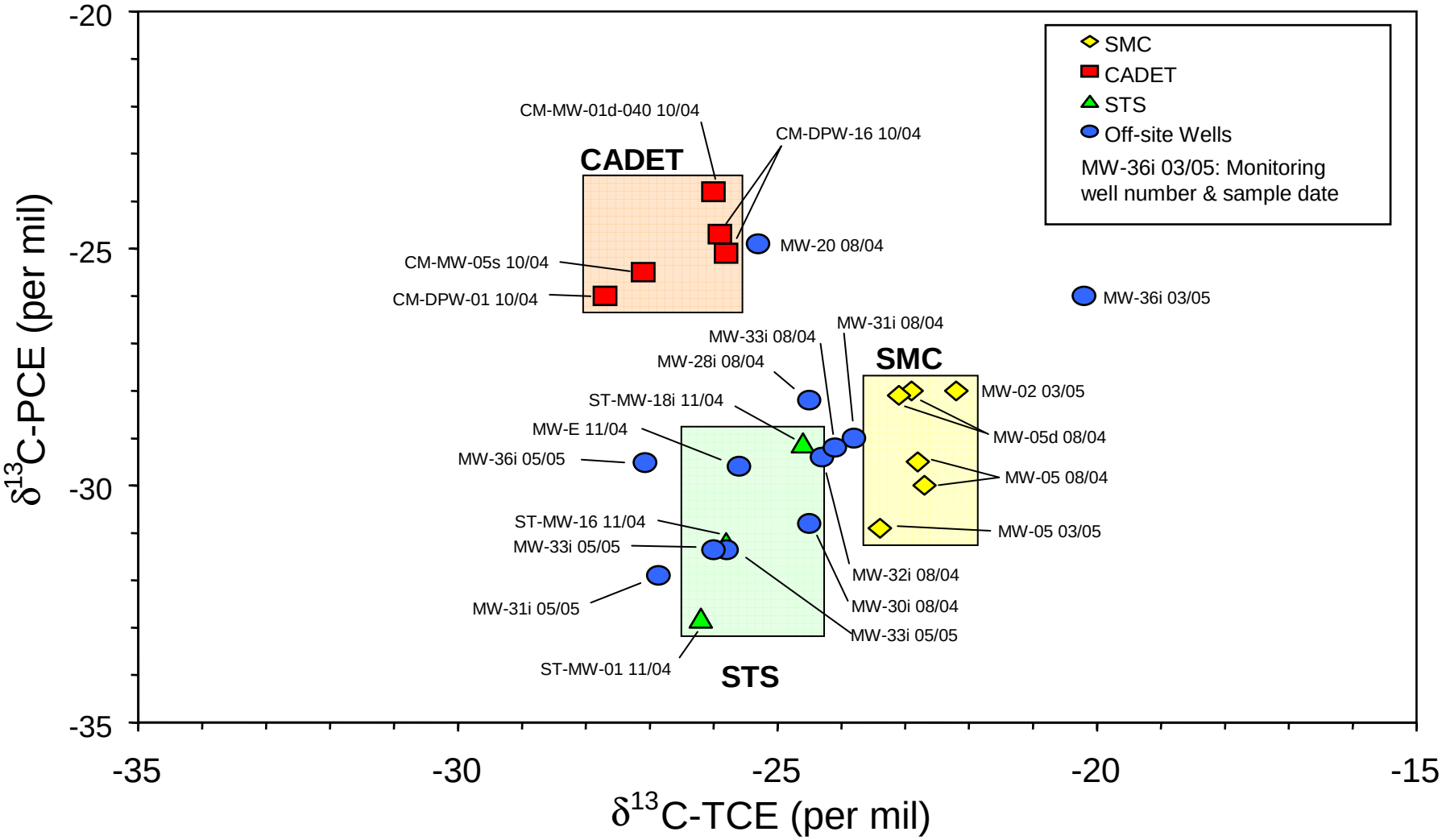


Figure 9-3
Compound Specific Carbon Isotope Signatures – PCE vs. TCE
Final Remedial Investigation Report
Port of Vancouver, Washington

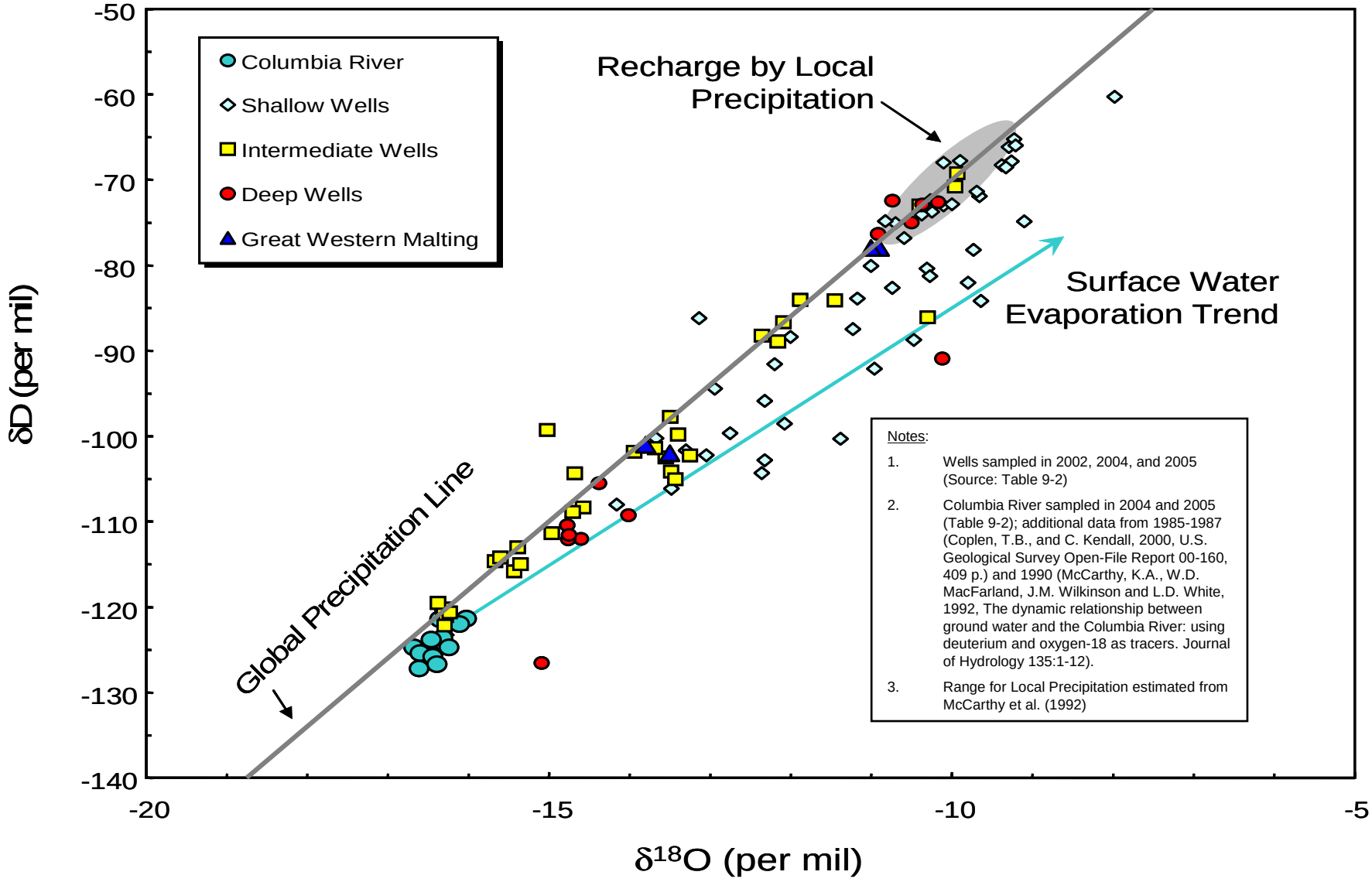


Figure 9-4
Stable Hydrogen vs. Oxygen Isotope Plot
Final Remedial Investigation Report
Port of Vancouver, Washington

Spatial Distribution of Mean $d^{18}O$ in Precipitation in Washington State (after Kendall and Coplen, 2001).

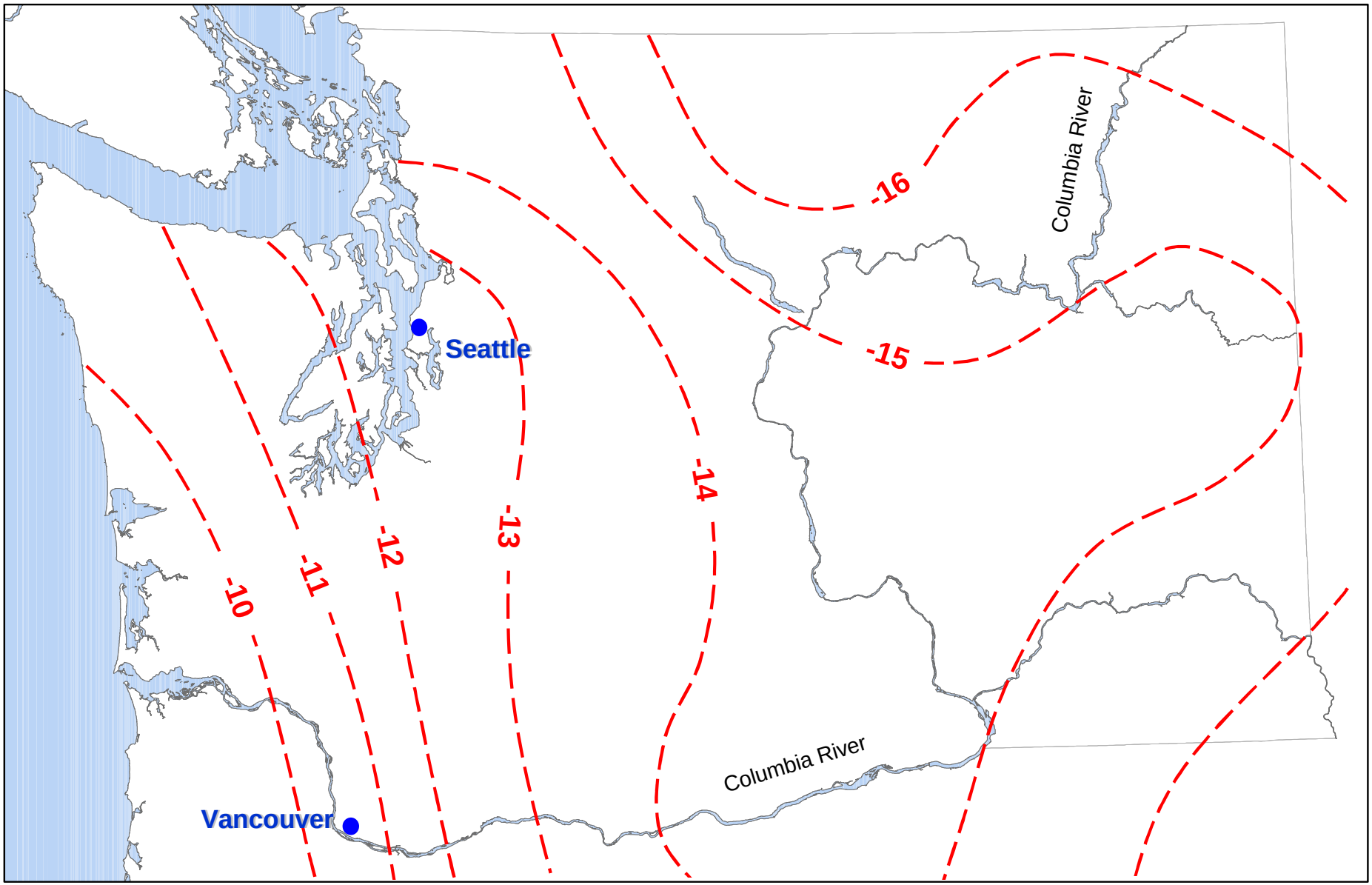


Figure 9-5: Spatial Distribution of Mean Oxygen in Precipitation in Washington State

Remedial Investigation Update
Port of Vancouver

Analysis by A Wainhouse; Analysis Date: 25-April-2006; Plot Date: October-2006; File Name: POV_F1_SiteLocation_Edit.mxd

N

Site Location

Parametrix

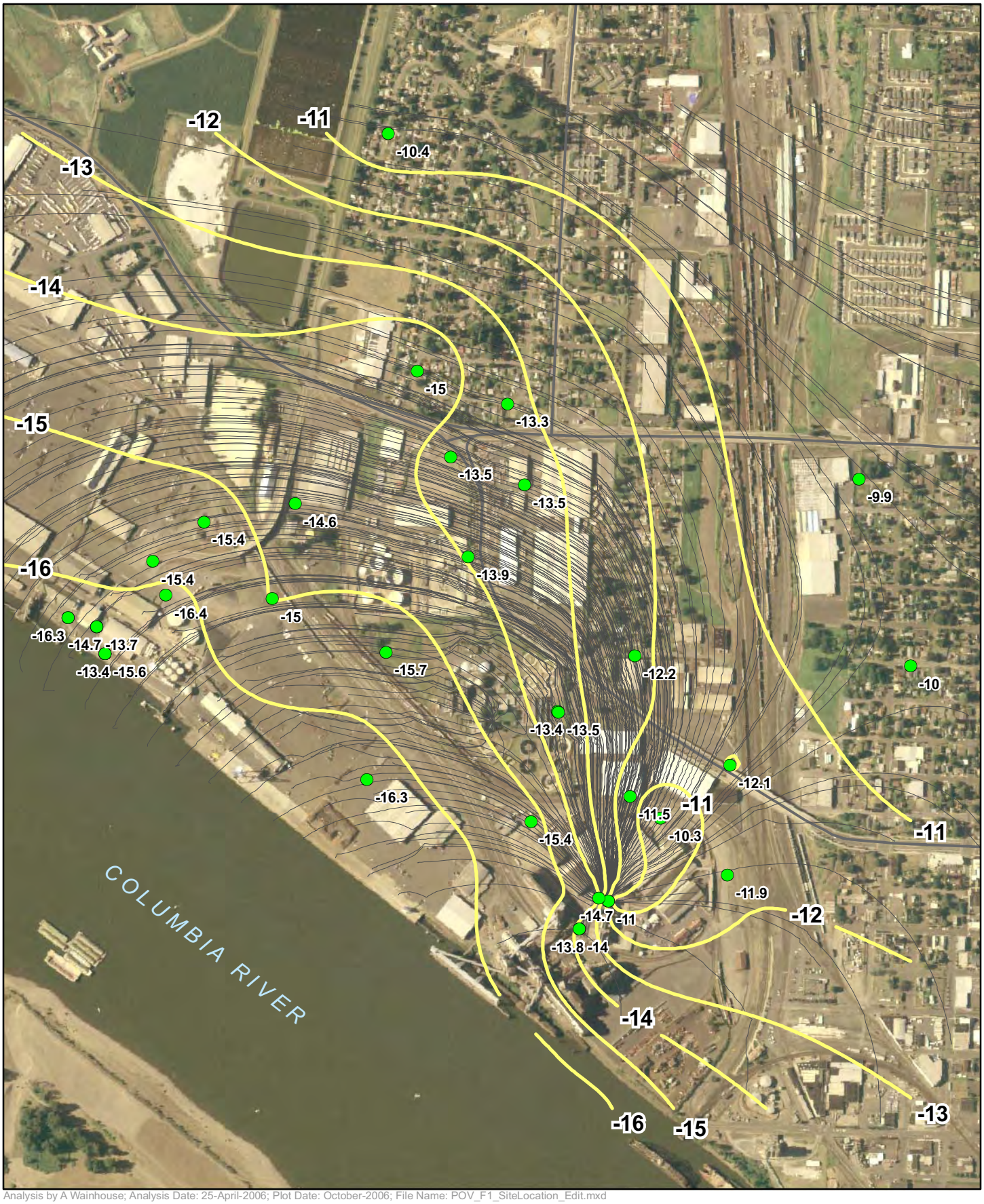
Sample Location and Value

Isocontour

0 500 1,000 Feet

Figure 9-6
Oxygen Isotope Ratios

Shallow Depth Wells
Final Remedial Investigation Report
Port of Vancouver, Washington



Analysis by A Wainhouse; Analysis Date: 25-April-2006; Plot Date: October-2006; File Name: POV_F1_SiteLocation_Edit.mxd

N

Site Location

Parametrix

Sample Location and Value

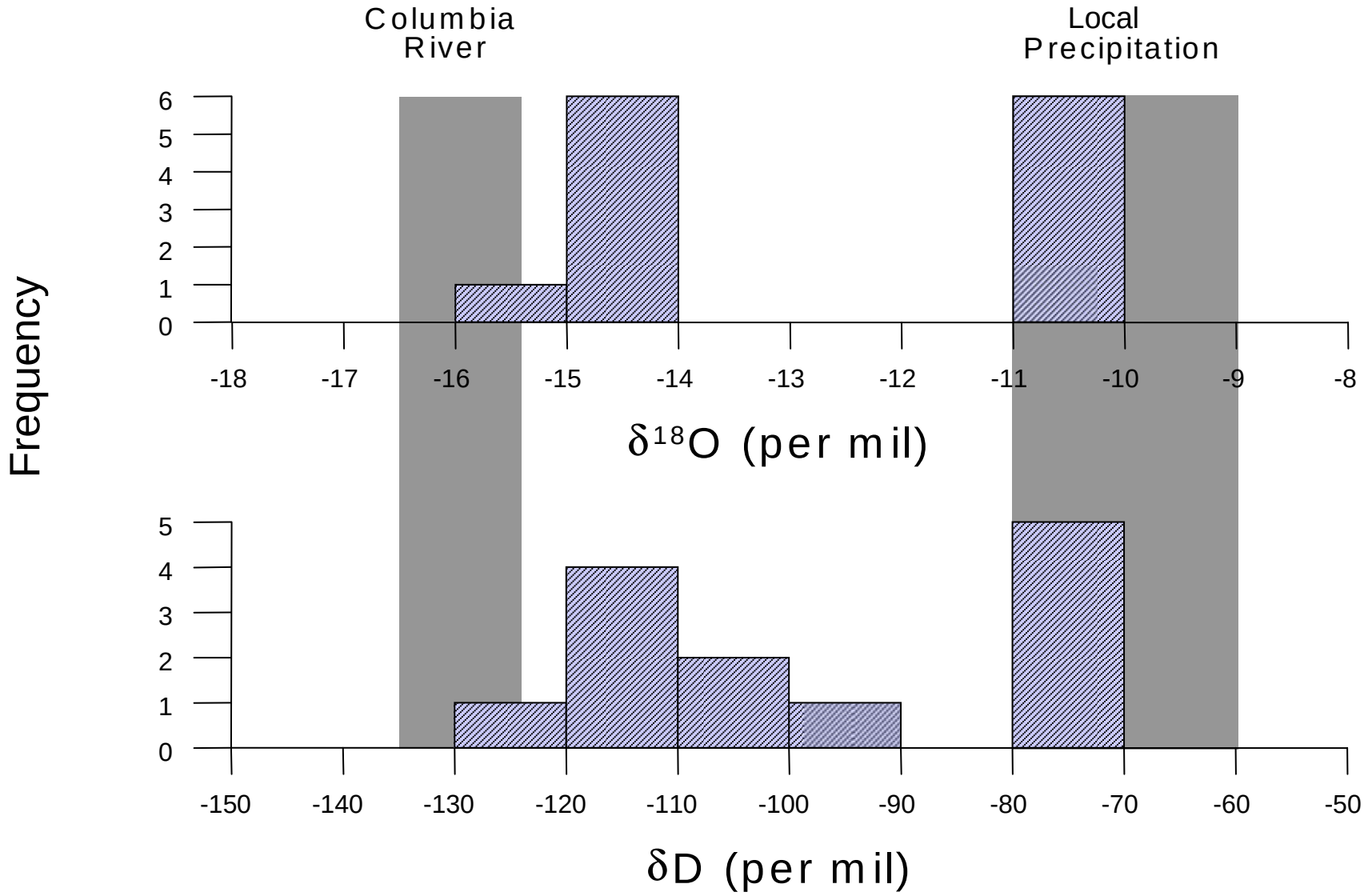
Isocontour

Particle Track

0 500 1,000 Feet

Figure 9-7
Oxygen Isotope Ratios and Model Groundwater Flow Paths

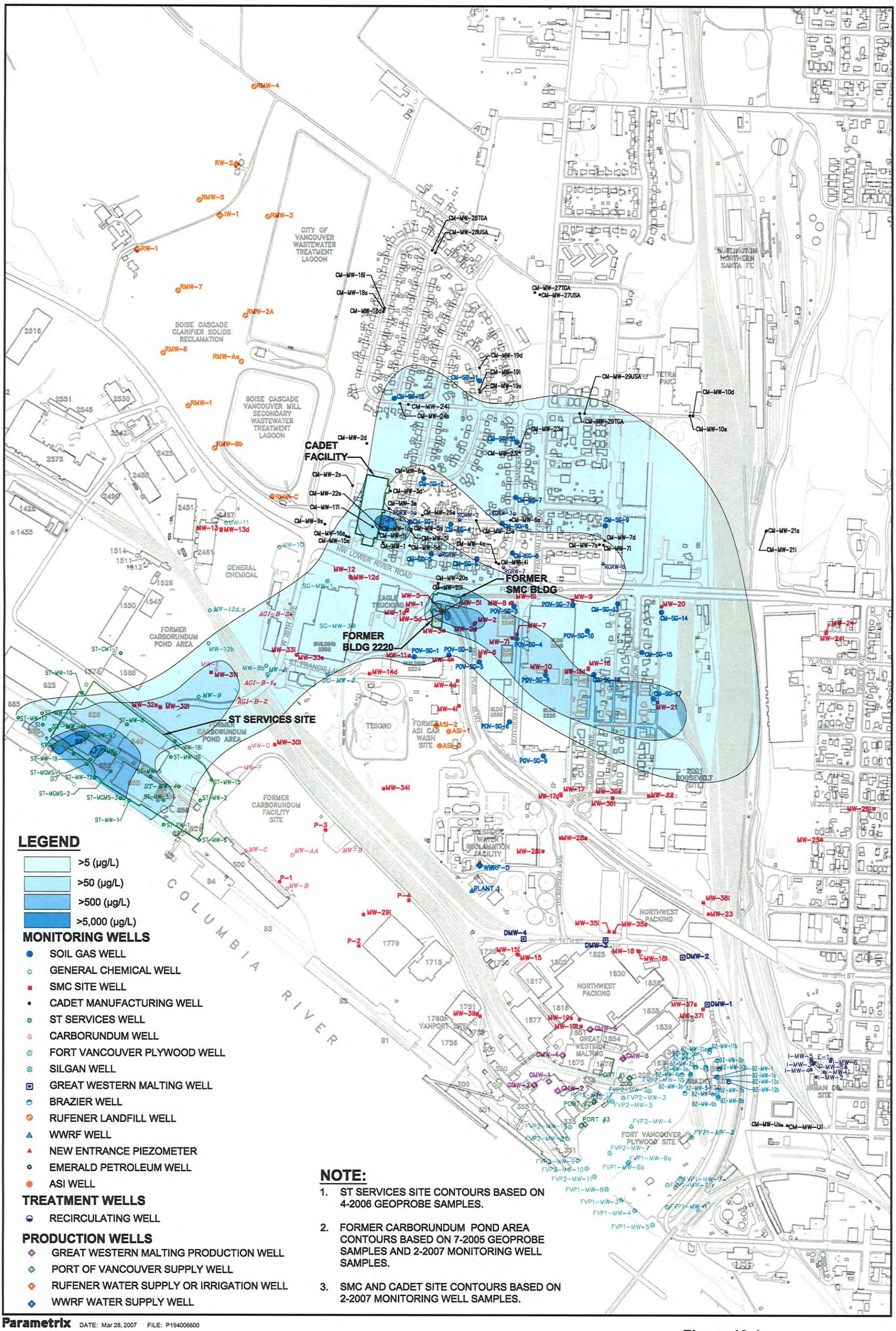
Intermediate Depth Wells
Final Remedial Investigation Report
Port of Vancouver, Washington



Notes:
Frequency distribution of stable oxygen and hydrogen isotope ratios in deep wells (MW-01d, MW-02d, MW-05d, MW-12d, MW-13d, MW-14d, MW-16d, MW-17d, CM-MW-01d, CM-MW-05d, CM-MW-10d, and CM-MW-18d) sampled in 2002, 2004, and 2005 (data from Table 9-2).

Ranges for Columbia River and Local Precipitation taken from Figure 9-4.

Figure 9-8
Histograms for Stable Oxygen and Hydrogen Isotope Ratios
Final Remedial Investigation Report
Port of Vancouver, Washington



Parametrix DATE: Mar 28, 2007 FILE: P194006600

Figure 10-1
TCE Concentrations
Shallow USA Zone

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

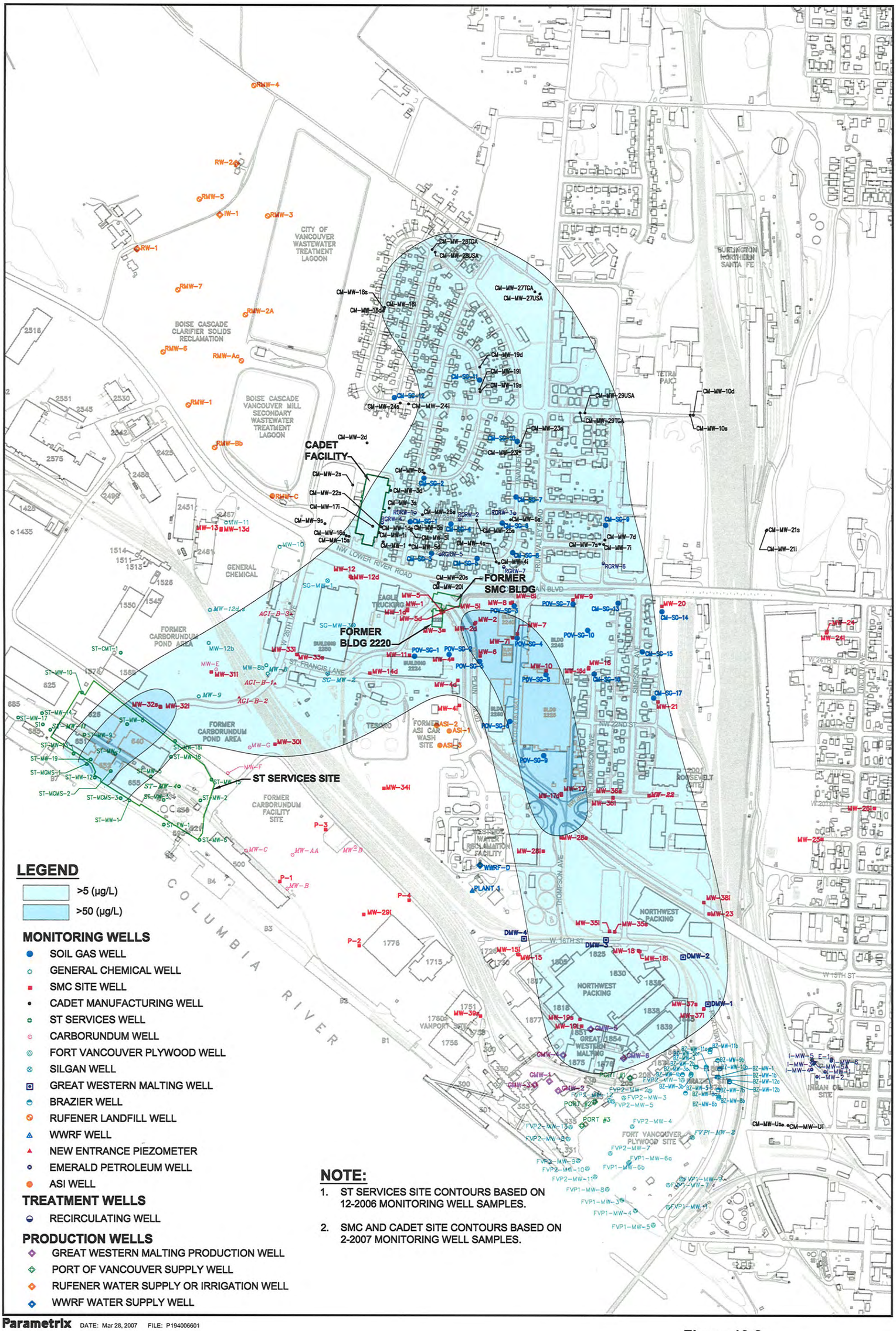


Figure 10-2
TCE Concentrations
Intermediate USA Zone

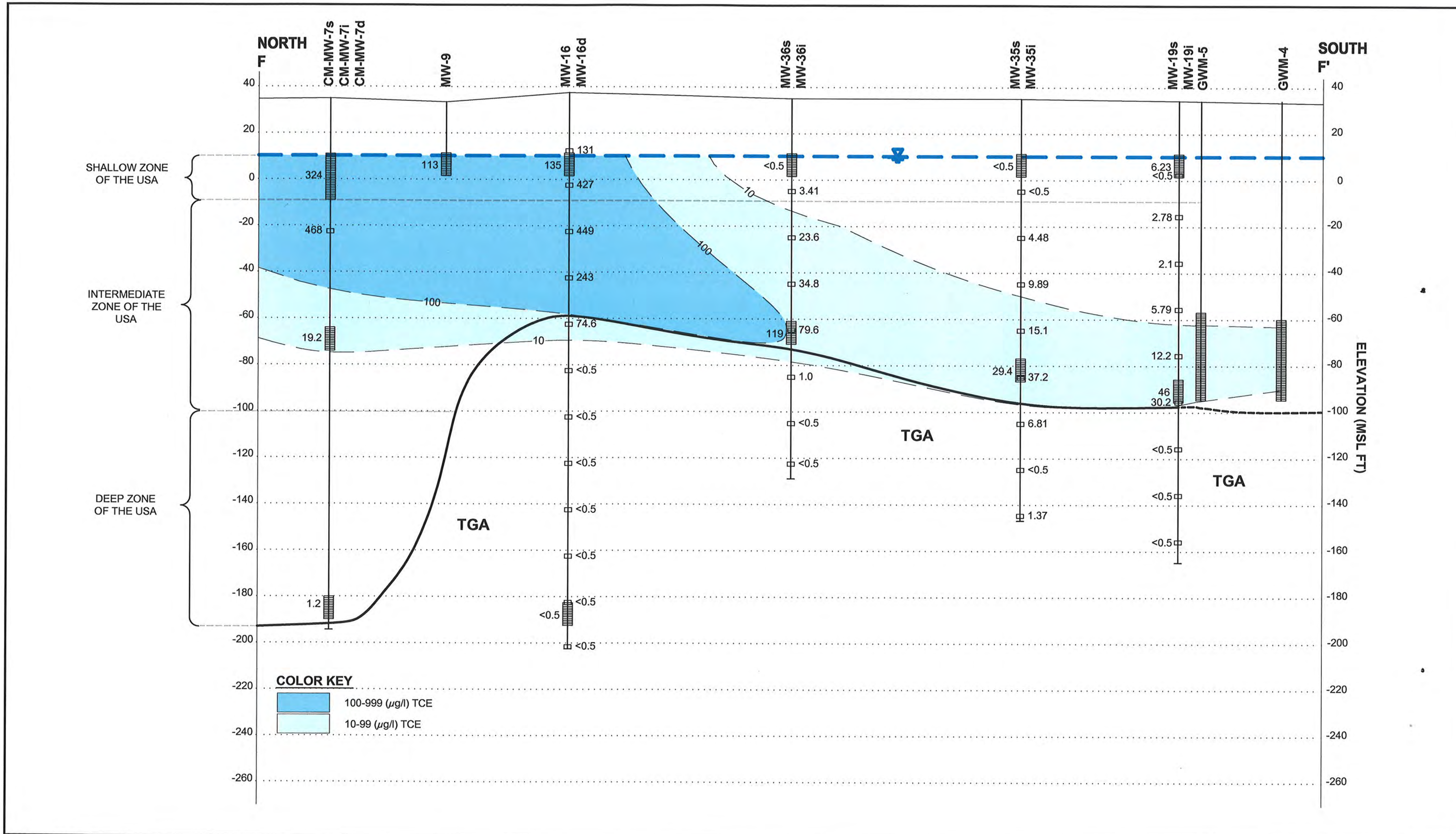
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

Parametrix DATE: Mar 28, 2007 FILE: P194006594

0 N 600'
SCALE IN FEET

Figure 10-3
Cross Section Orientation

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006595

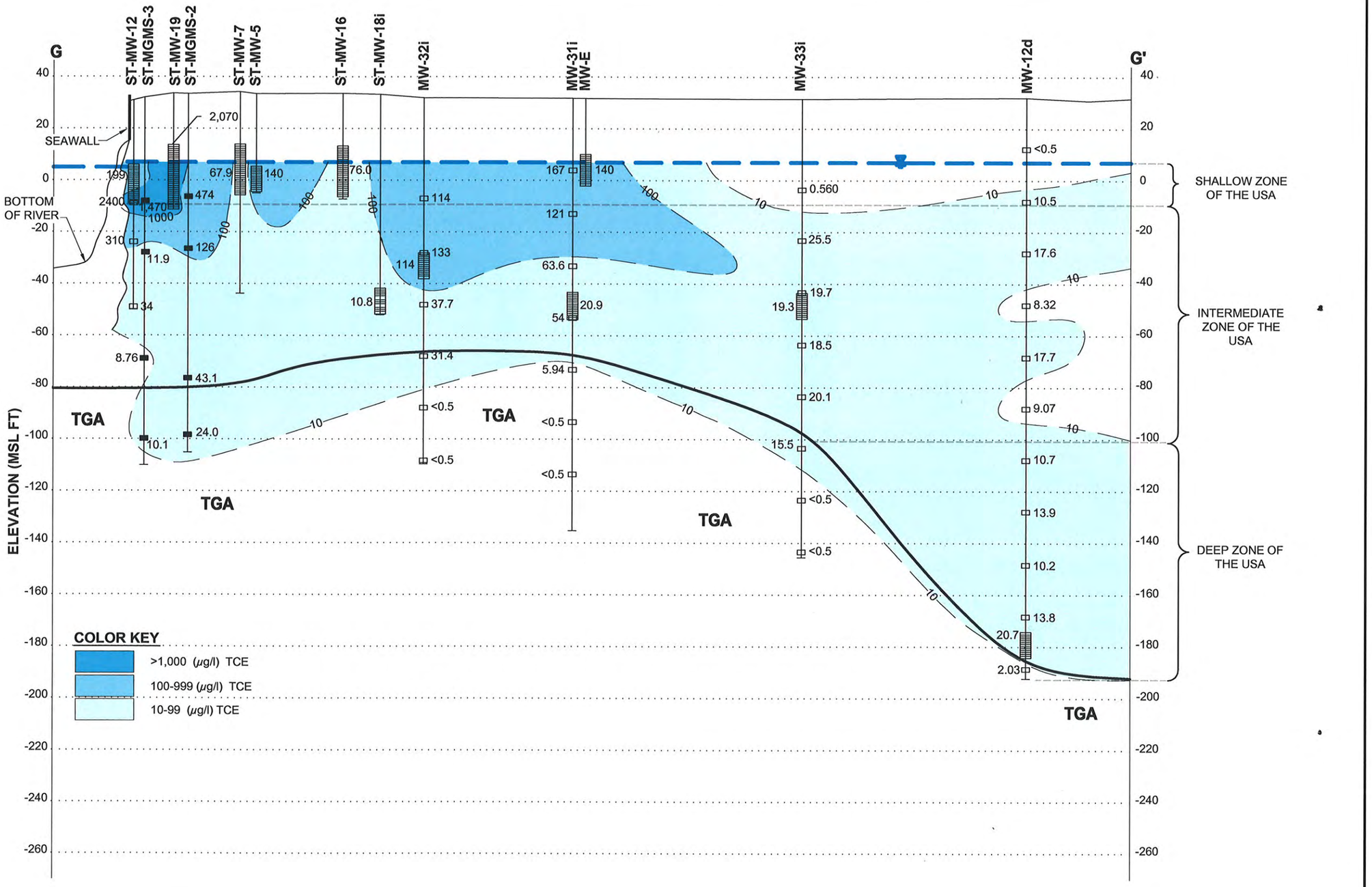
NOTE:
CONCENTRATIONS SHOWN ARE FROM VARIOUS SAMPLE COLLECTION AND WELL DRILLING EVENTS.

HORIZONTAL SCALE (1"=300')
VERTICAL SCALE (1"=40')

LEGEND
- BOREHOLE
- TEMPORARY WELL POINT LOCATION WITH TCE CONCENTRATION(μg/l)
- MONITORING WELL SCREEN INTERVAL WITH TCE CONCENTRATION(μg/l)
- —10— PLUME CONCENTRATION CONTOUR INTERVAL (μg/l)

Figure 10-4
Vertical Distribution of TCE Along Cross Section F-F'

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006596

NOTE:
CONCENTRATIONS SHOWN ARE FROM VARIOUS SAMPLE COLLECTION AND WELL DRILLING EVENTS.

HORIZONTAL SCALE (1"=300')
DISTANCE BETWEEN WELLS IS APPROXIMATE.
VERTICAL SCALE (1"=40')

LEGEND

MULTI-PORT SAMPLE LOCATION WITH TCE CONCENTRATION (µg/l)

BOREHOLE

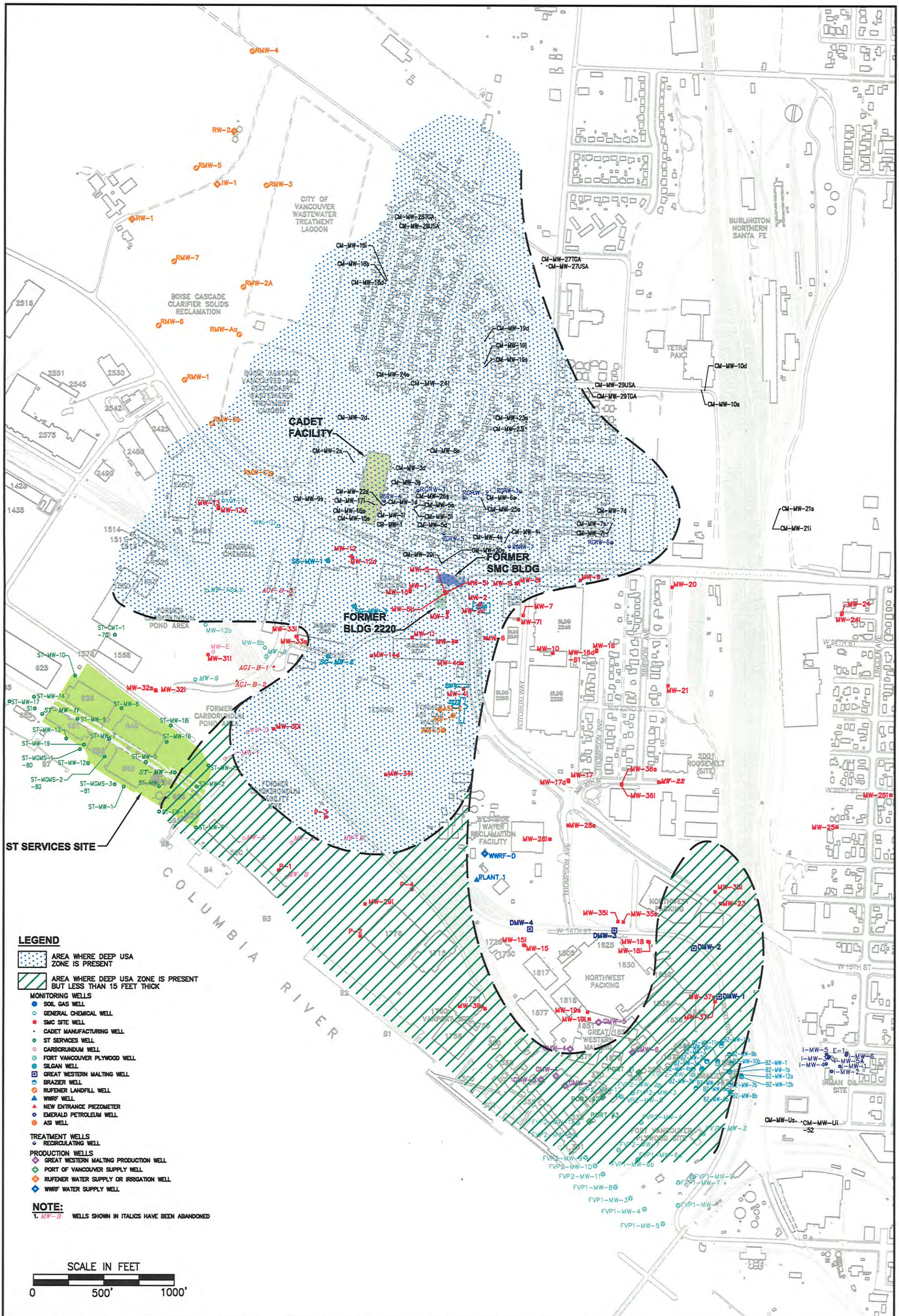
TEMPORARY WELL POINT LOCATION WITH TCE CONCENTRATION (µg/l)

MONITORING WELL SCREEN INTERVAL WITH TCE CONCENTRATION (µg/l)

PLUME CONCENTRATION CONTOUR INTERVAL (µg/l)

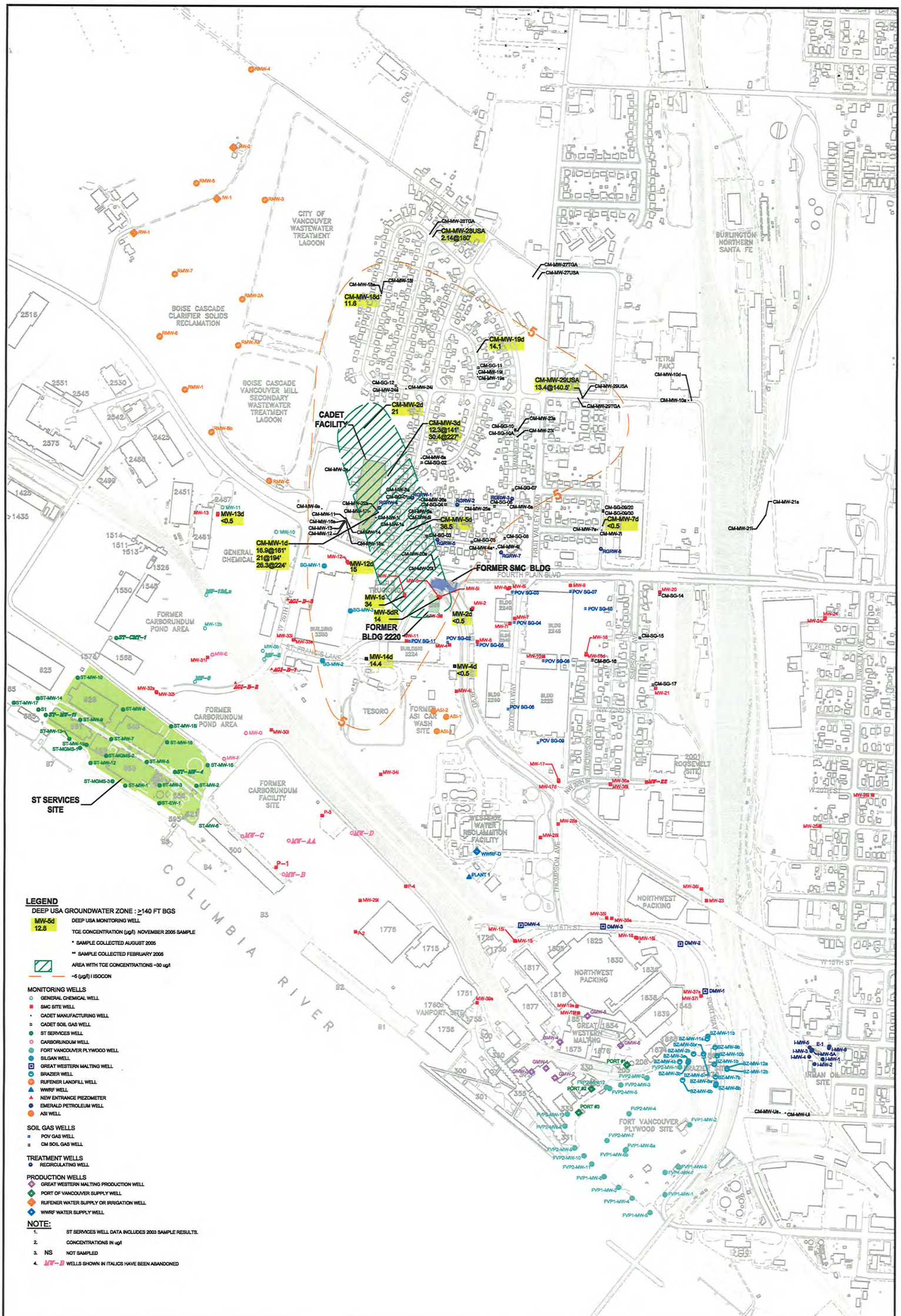
Figure 10-5
Vertical Distribution of TCE Along Cross Section G-G'

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006597

Figure 10-6
Extent of the Deep USA Zone
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006598

0 N 650'
SCALE IN FEET

Figure 10-7
Distribution of TCE in the Deep USA Groundwater Zone
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON

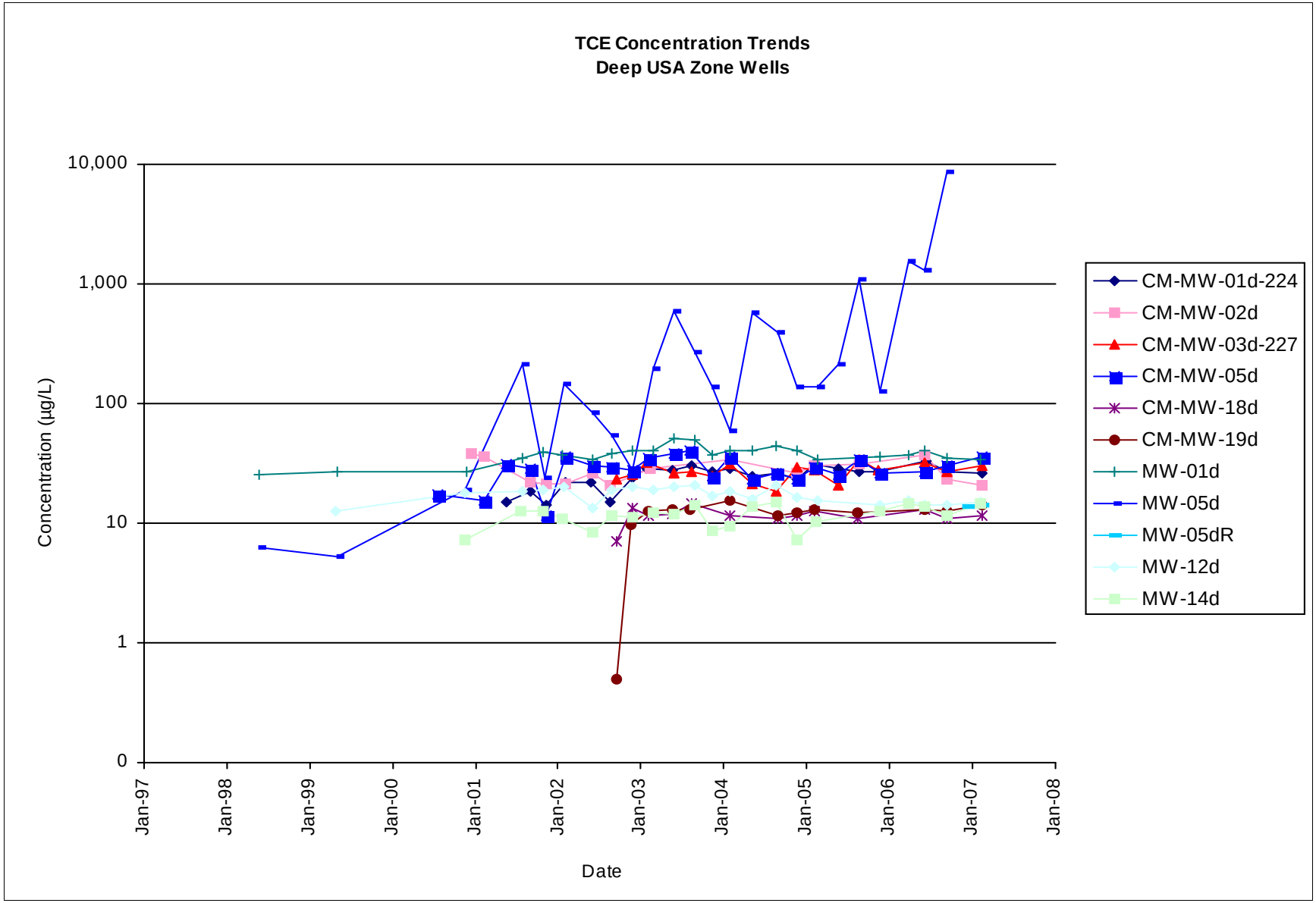
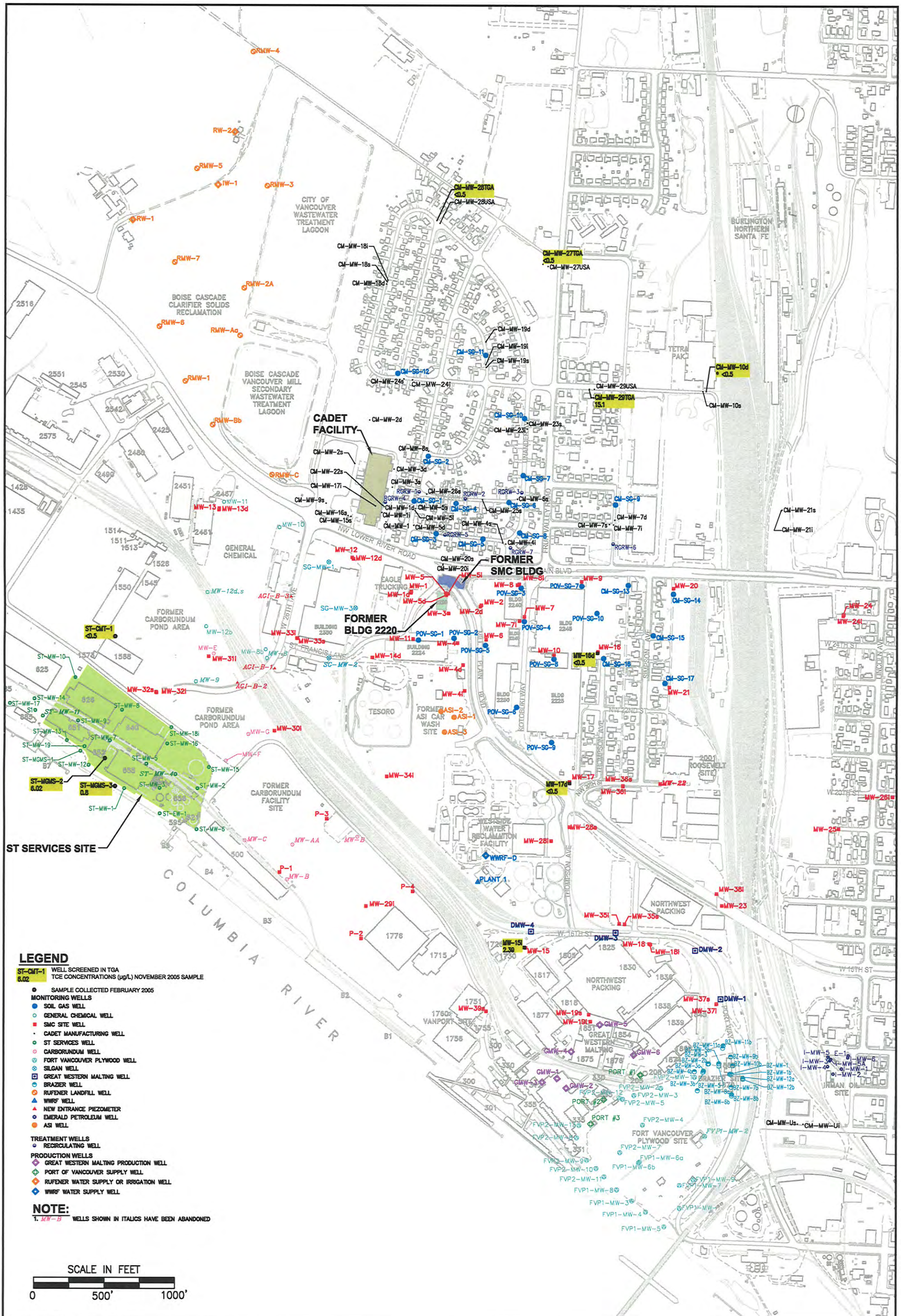
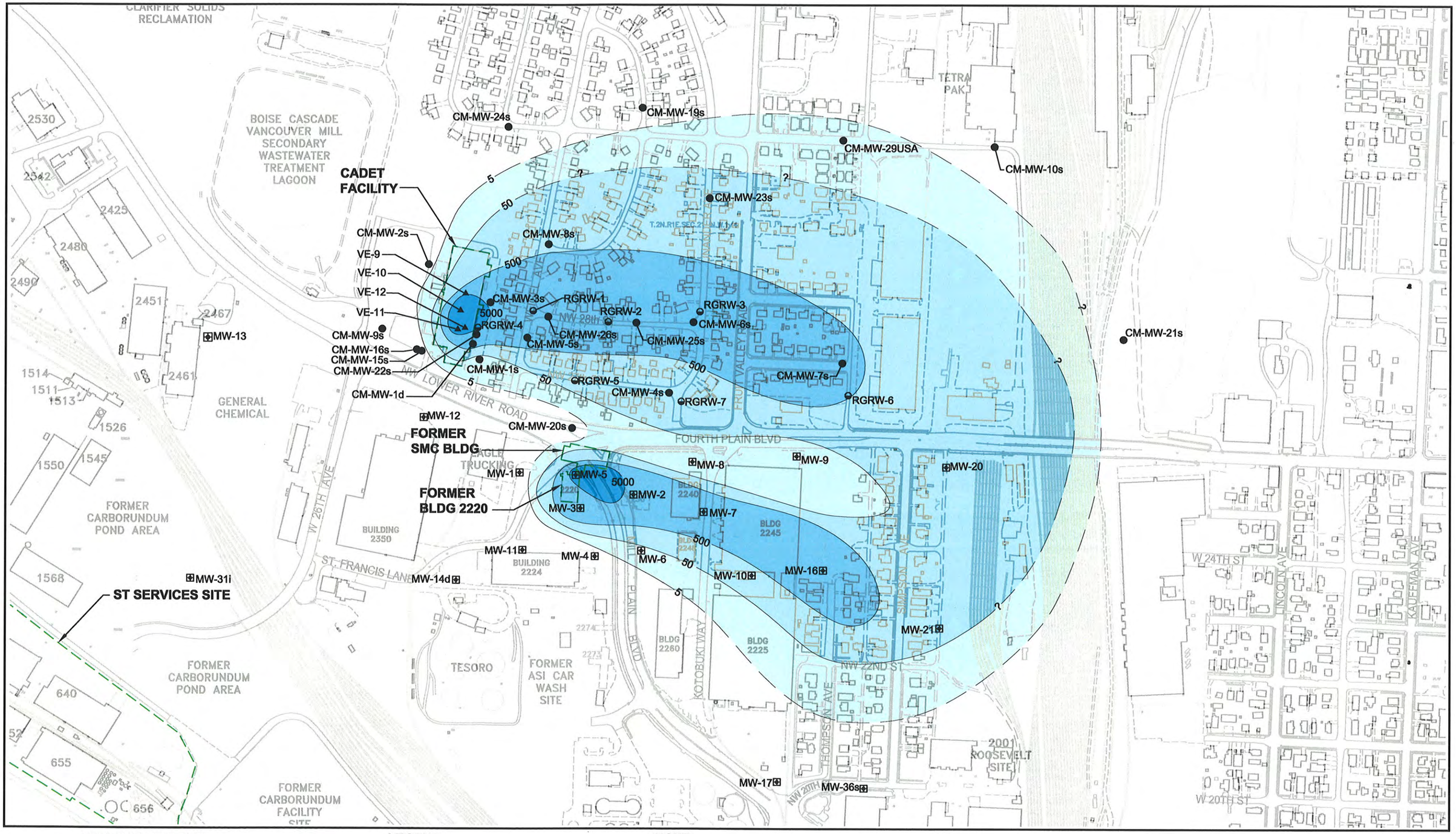


Figure 10-8
TCE Concentrations in Deep USA Zone Wells



Parametrix DATE: Mar 28, 2007 FILE: P194006599

Figure 10-9
TGA Monitoring Wells
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



DATE: Mar 27, 2007 FILE: P194006469

N

0 400'

SCALE IN FEET

LEGEND

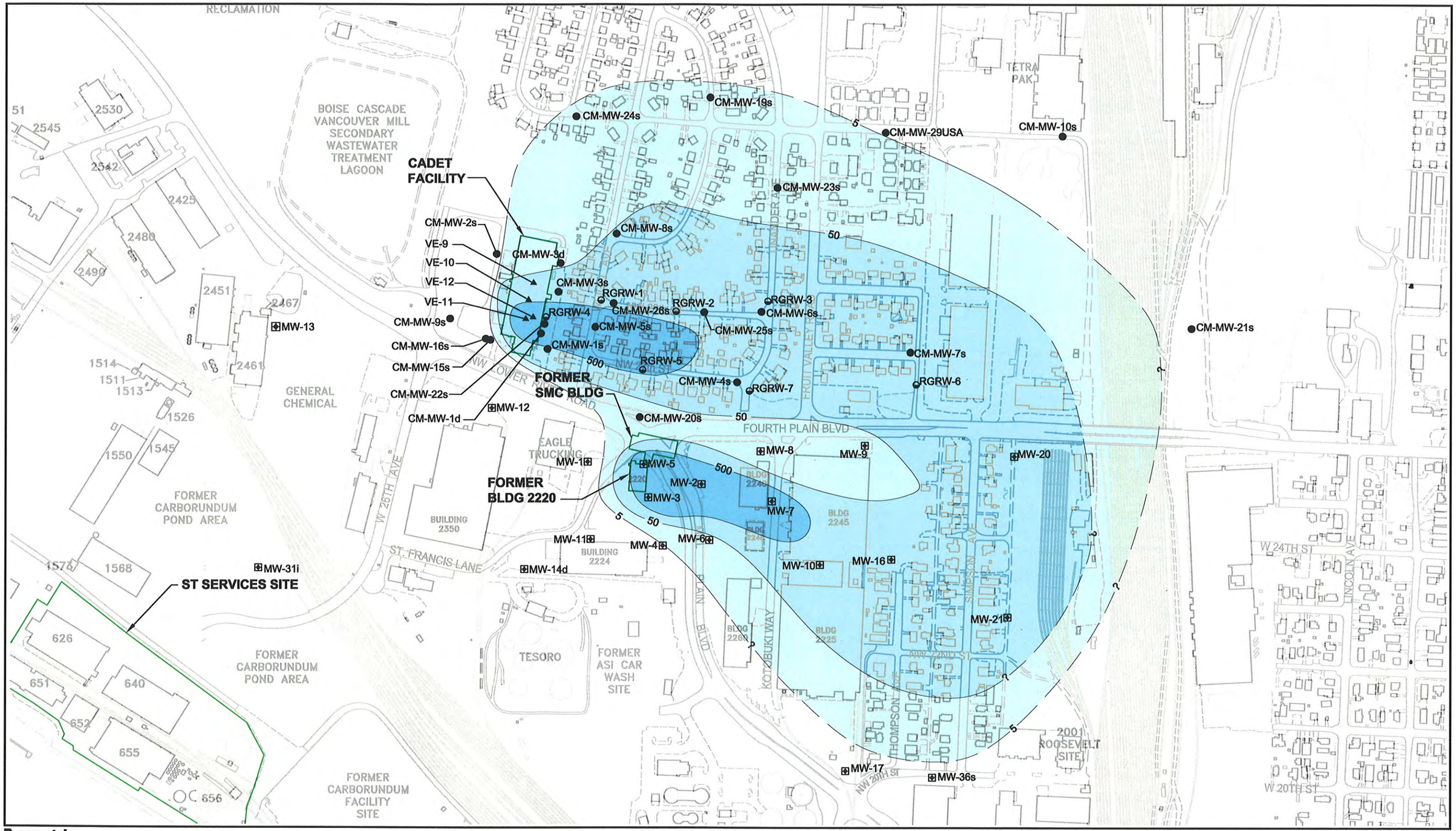
>5 µg/l	● CM-MW-4s	CADET MONITORING WELL
>50 µg/l			
>500 µg/l	MW-14d ⊞	SMC MONITORING WELL
>5000 µg/l		

NOTE:

FIGURE ADAPTED FROM AMEC PREPARED DRAWING (AMEC 2005).

THE ISOCONCENTRATION PLUMES ARE ESTIMATED BASED ON AVAILABLE DATA POINTS. THERE IS SOME UNCERTAINTY BETWEEN DATA POINTS.

Figure 10-10
TCE Isoconcentrations in Shallow Groundwater January - March 2002
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006477

N

0 400'

SCALE IN FEET

LEGEND

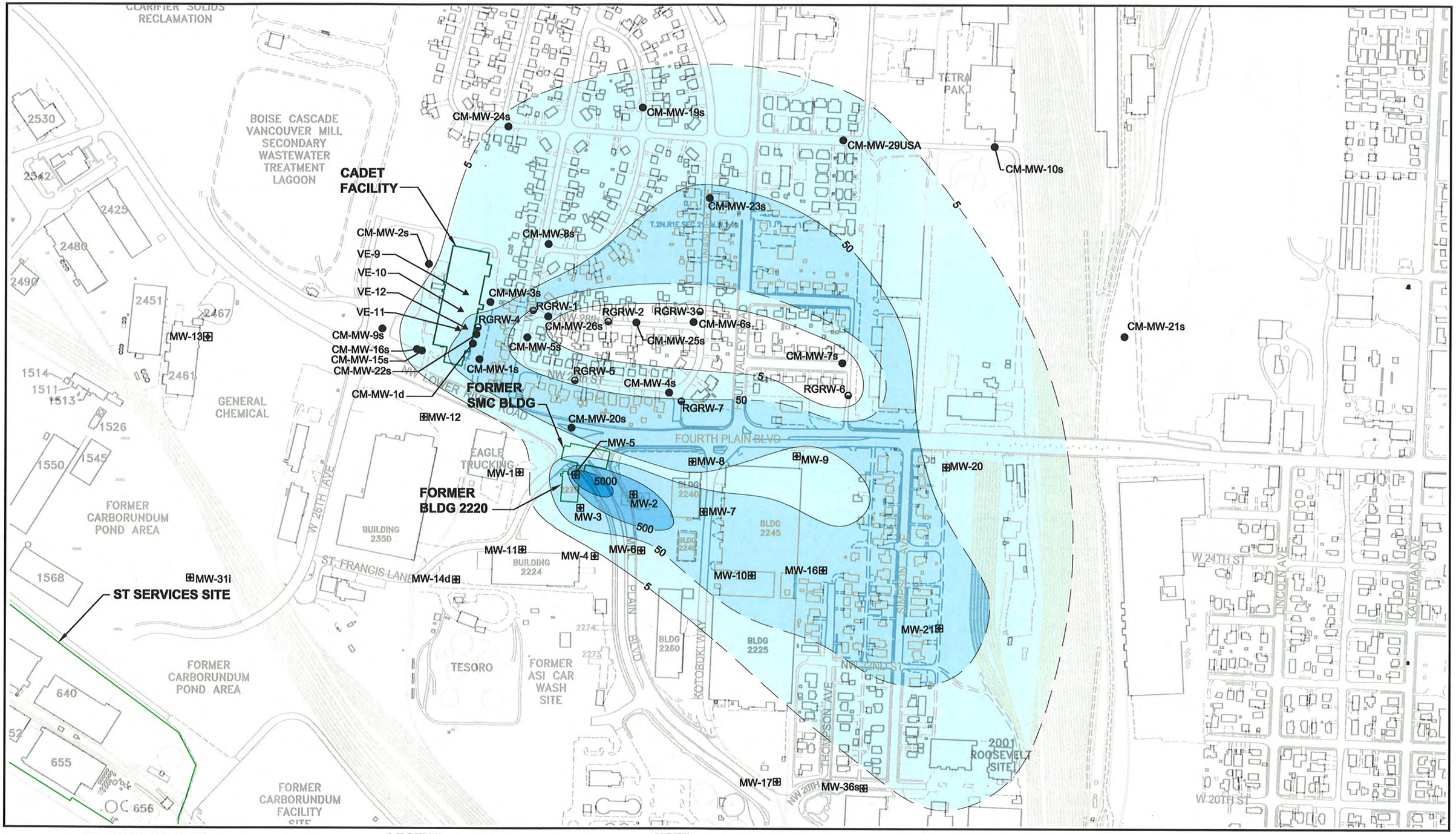
>5 µg/l	● CM-MW-4s	CADET MONITORING WELL
>50 µg/l	MW-14d ⊞	SMC MONITORING WELL
>500 µg/l		

NOTE:

THE ISOCONCENTRATION PLUMES ARE ESTIMATED BASED ON AVAILABLE DATA POINTS. THERE IS SOME UNCERTAINTY BETWEEN DATA POINTS.

Figure 10-11
TCE Isoconcentrations in Shallow Groundwater January - Feburary 2004

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



DATE: Mar 27, 2007 FILE: P194006476

N

0 400'

SCALE IN FEET

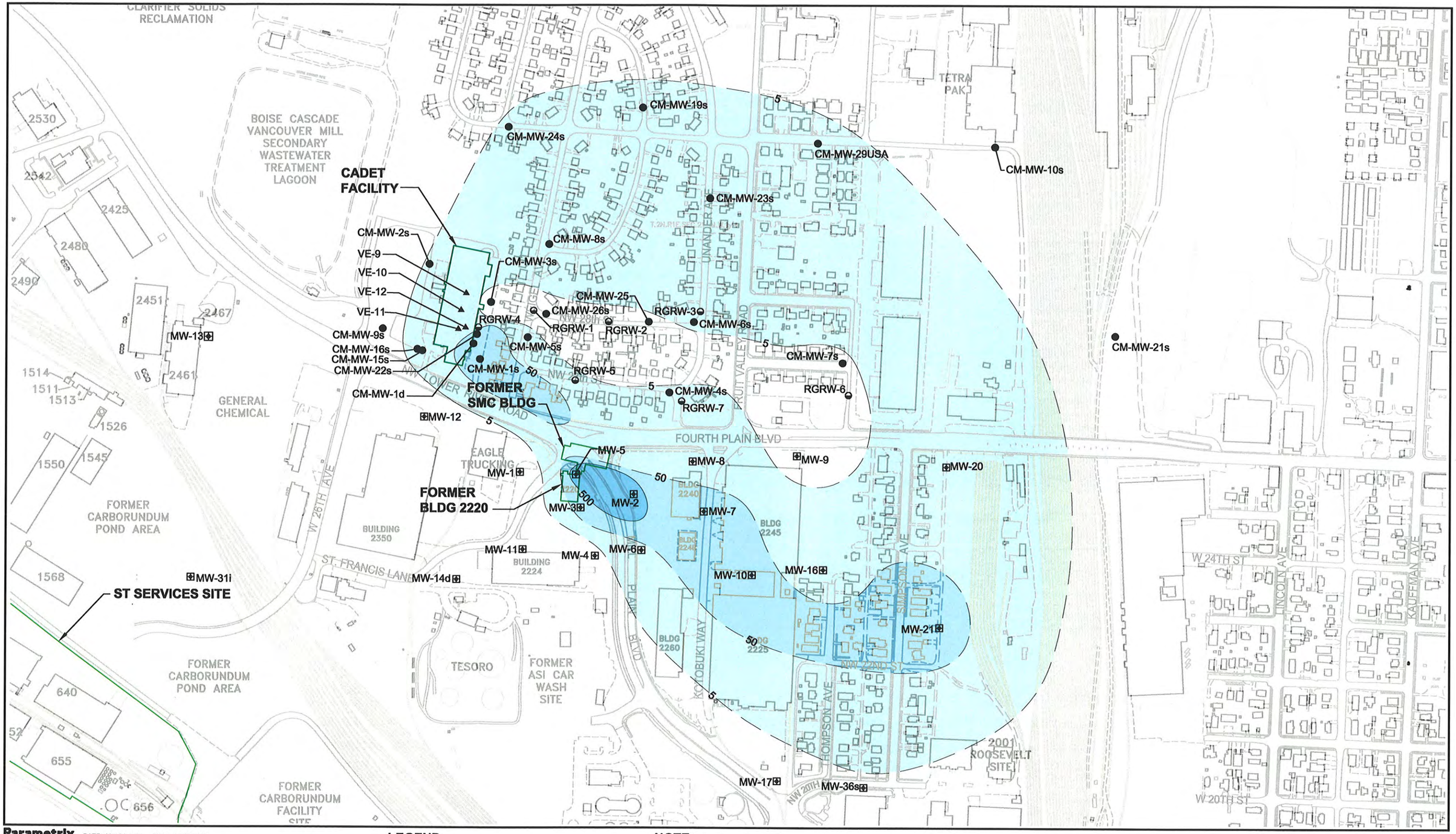
LEGEND

- >5 µg/l
- >50 µg/l
- >500 µg/l
- >5000 µg/l
- ● CM-MW-4s CADET MONITORING WELL
- MW-14d ⊞ SMC MONITORING WELL

NOTE:

THE ISOCONCENTRATION PLUMES ARE ESTIMATED BASED ON AVAILABLE DATA POINTS. THERE IS SOME UNCERTAINTY BETWEEN DATA POINTS.

Figure 10-12
TCE Isoconcentrations in Shallow Groundwater - November 2005
FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Parametrix DATE: Mar 27, 2007 FILE: P194006486

N

0 400'

SCALE IN FEET

LEGEND

>5 µg/l

>50 µg/l

>500 µg/l

● CM-MW-4s CADET MONITORING WELL

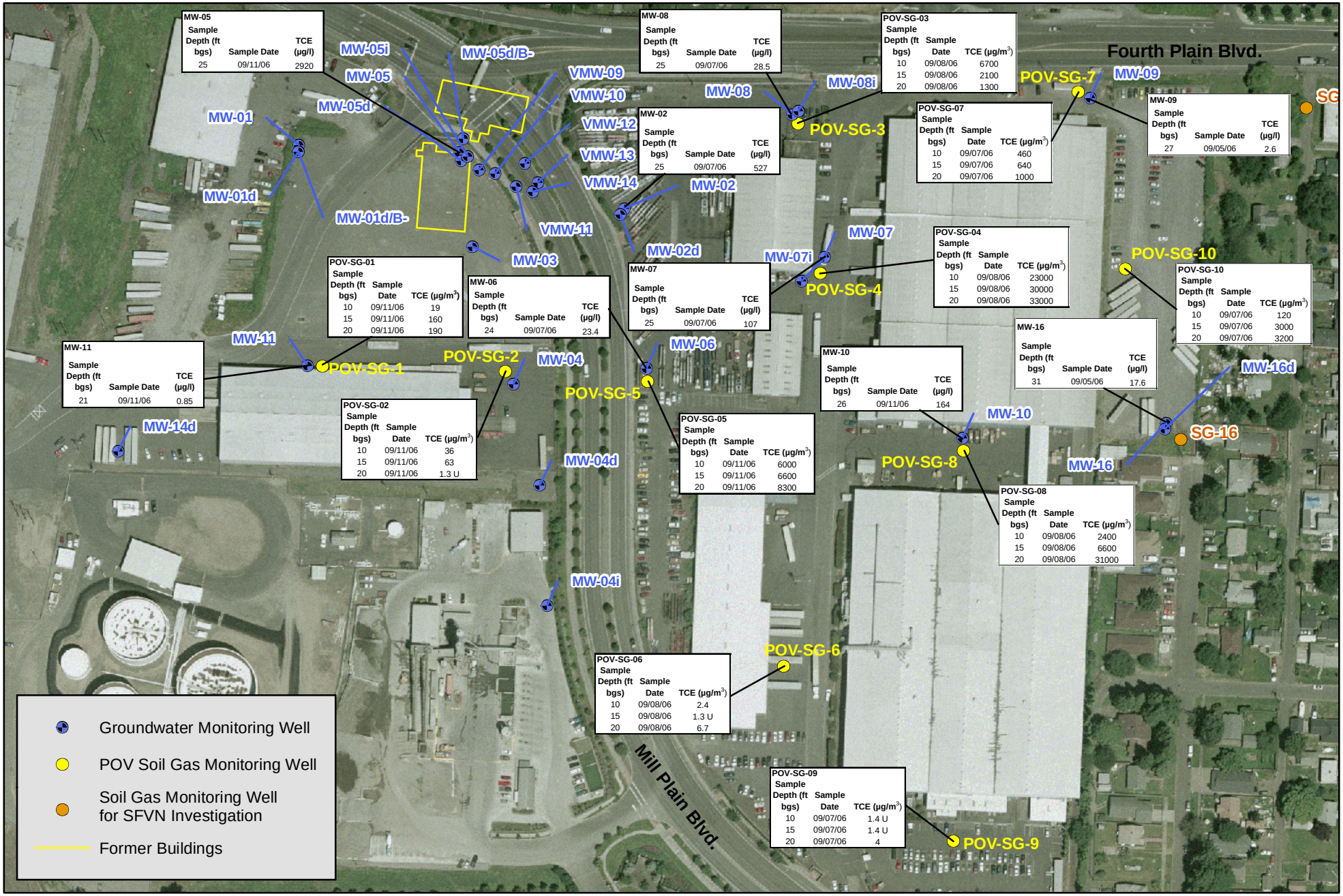
MW-14d ⊞ SMC MONITORING WELL

NOTE:

THE ISOCONCENTRATION PLUMES ARE ESTIMATED BASED ON AVAILABLE DATA POINTS. THERE IS SOME UNCERTAINTY BETWEEN DATA POINTS.

Figure 10-13
TCE Isoconcentrations in Shallow Groundwater - September 2006

FINAL REMEDIAL INVESTIGATION REPORT
PORT OF VANCOUVER, WASHINGTON



Site Location

0 50 100 200 300 400 Feet

Parametrix

Figure 10-14:
Soil Gas and Groundwater TCE Concentrations
Final Remedial Investigation Report
Port of Vancouver, Washington

Analysis by A. Wainhouse; Analysis Date: 25-April-06; Plot Date: 19-Feb-07; File Name: SoilGas_2006.mxd