Database(s)

EDR ID Number EPA ID Number

#### **GREAT WESTERN MALTING CO (Continued)**

WA edr\_fstat: 98660-1529 edr\_fzip: edr\_fcnty: CLARK edr\_zip: Not reported Facility ID: 41573682 VCP Status: Not reported VCP: Yes Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported Rank: Ν Cleanup Siteid: 9051 edr\_fstat: WA 98660-1529 edr\_fzip: edr\_fcnty: CLARK edr\_zip: Not reported Facility ID: 41573682 VCP Status: Not reported VCP: Yes Not reported **Ecology Status:** NFA Type: Not reported Date NFA: Not reported Rank: Ν Cleanup Siteid: 9051

#### ALLSITES:

Facility Name: Facility Id:

Interaction:

Interaction 1:

Interaction 2:

Facility Alt .:

Program ID:

Latitude:

Longitude:

Interaction:

Interaction 1: Interaction 2:

Ecology Program:

Date Interaction 3:

Program Data:

Facility Alt .:

Program ID: Date Interaction:

Date Interaction:

Date Interaction 3:

Ecology Program: Program Data: GREAT WESTERN MALTING 41573682

#### А

AQSYNMNR Air Qual Synth Minor Source AIRQUAL AIRSIS Not reported E0110030 1977-01-01 00:00:00 Not reported 45.630383528999999 -122.688593494

A INDNPDESIP Industrial NPDES IP WATQUAL PARIS GREAT WESTERN MALTING WA0000019 1977-07-21 00:00:00 Not reported 45.630383528999999 -122.688593494

. Interaction:

Latitude: Longitude:

T

U004106722

.

.

# MAP FINDINGS

Database(s) EPA

EDR ID Number EPA ID Number

#### **GREAT WESTERN MALTING CO (Continued)**

Interaction 1: Interaction 2: Ecology Program: Program Data: Facility Alt .: Program ID: Date Interaction: Date Interaction 3: Latitude: Longitude: Interaction: Interaction 1: Interaction 2: Ecology Program: Program Data: Facility Alt .: Program ID: Date Interaction: Date Interaction 3: Latitude: Longitude: Interaction: Interaction 1: Interaction 2: Ecology Program: Program Data: Facility Alt .: Program ID: Date Interaction: Date Interaction 3: Latitude: Longitude: Interaction: Interaction 1: Interaction 2: Ecology Program:

Program Data:

Date Interaction:

Date Interaction 3:

Facility Alt .:

Program ID:

Latitude:

Longitude:

Interaction:

.

Interaction 1: Interaction 2:

Facility Alt .:

Ecology Program: Program Data: TIER2 Emergency/Haz Chem Rpt TIER2 HAZWASTE EPCRA Not reported 1987-01-01 00:00:00 2005-07-14 00:00:00 45.630383528999999 -122.688593494

I TRI Toxics Release Inventory HAZWASTE EPCRA Not reported WAD026961870 1990-01-01 00:00:00 2002-10-08 00:00:00 45.630383528999999 -122.688593494

A UST Underground Storage Tank TOXICS UST Not reported 10573 2000-03-20 00:00:00 Not reported 45.630383528999999 -122.688593494

I TRI Toxics Release Inventory HAZWASTE EPCRA Not reported WAD026961870 1988-01-01 00:00:00 2002-10-08 00:00:00 45.630383528999999 -122.688593494

I HWG Hazardous Waste Generator HAZWASTE TURBOWASTE Not reported

#### U004106722

TC4597875.2s Page 387

Database(s)

EDR ID Number **EPA ID Number** 

#### **GREAT WESTERN MALTING CO (Continued)**

. Program ID:	WAD026961870
. Date Interaction:	1995-11-30 00:00:00
. Date Interaction 3:	2005-12-31 00:00:00
. Latitude:	45.630383528999999
. Longitude:	-122.688593494

- Interaction: Interaction 1: Interaction 2: Ecology Program:
- Program Data:
- Facility Alt .:
- Program ID:
- Date Interaction:
- Date Interaction 3:
- Latitude:
- Longitude: .
- Interaction:
- Interaction 1:
- Interaction 2:
- Ecology Program:
- Program Data:
- Facility Alt .:
- Program ID:
- Date Interaction:
- Date Interaction 3: .
- Latitude:
- Longitude:
- Interaction: .
- Interaction 1:
- Interaction 2:
- Ecology Program:
- Program Data:
- Facility Alt .:
- Program ID:
- Date Interaction:
- Date Interaction 3:
- Latitude:
- Longitude:

#### Interaction: .

- Interaction 1:
- Interaction 2:
- Ecology Program:
- Program Data:
- Facility Alt .:
- Program ID:
- Date Interaction:
- Date Interaction 3:
- Latitude:
- Longitude:

- 2.688593494
- L LUST LUST Facility TOXICS ISIS Not reported 10573 1991-05-03 00:00:00 1998-10-05 00:00:00 45.630383528999999
- -122.688593494
- T

HWG Hazardous Waste Generator HAZWASTE TURBOWASTE Not reported WAD026961870 1989-06-09 00:00:00 1995-11-29 00:00:00 45.630383528999999 -122.688593494

L HWP

Hazardous Waste Planner HAZWASTE HWPPRT Not reported WAD026961870 1991-01-01 00:00:00 1998-09-01 00:00:00 45.630383528999999 -122.688593494

# А

INDSWGP Industrial SW GP WATQUAL PARIS **GREAT WESTERN MALTING** WAR000310 1992-12-18 00:00:00 Not reported 45.630383528999999 -122.688593494

# U004106722

Database(s)

EDR ID Number **EPA ID Number** 

### **GREAT WESTERN MALTING CO (Continued)**

### SPILLS:

Facility ID: 656137 Medium: STORM DRAIN PIPE Material Desc: OTHER - SEE NOTE Material Qty: Not reported Material Units: Not reported Date Received: 04/14/2015 Contact Name: Not reported Incident Date: Not reported Incident Category Typeeported Incident Category:Not reported Latitude: Not reported Longitude: Not reported Source Type: Not reported Source: Not reported Vessel Facility NarNe2reported Recovered Quantity ot reported Resp Party Name:Not reported

### NPDES:

Facility Status: Facility Type: Admin Region: Date Issued: Latitude: Longitude: Permit ID: Permit Version: Permit Status: Permit Status: Ecology Contact: WRIA: Permit Expiration Date: Effective Date:	Active Industrial NF Sourhwest 09/16/2011 45.6303890 -122.688608 WA0000019 5 Active Issued Jacek Anus: Salmon-Wa 06/30/2018 07/01/2013
Days to Expiration:	984
Facility Status:	Active
Facility Type:	Industrial S
Admin Region:	Headqarters
Date Issued: Latitude:	12/03/2014 45.6303890
Longitude:	-122.688608
Permit ID:	WAR00031
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Is
Ecology Contact: WRIA:	Kevin Hance Salmon-Wa

Permit Expiration Date:

Effective Date:

Days to Expiration:

IPDES IP 00 )8 9 szewski ashougal

SW GP rs 00 )8 0 lssued cock Salmon-Washougal 12/31/2019 01/01/2015 1533

# U004106722

Database(s)

EDR ID Number EPA ID Number

79 North 1/2-1 0.971 mi. 5129 ft.	MEMORIAL URGENT CARE 3400 MAIN ST VANCOUVER, WA 98663	WA CSCSL WA LUST WA UST WA ALLSITES WA Financial Assurance	U003352937 N/A
Relative: Higher Actual: 211 ft.	Region:SLat/Long:4Brownfield Status:NRank Status:NClean Up Siteid:8Site Status:CPSI?:NContaminant Name:FGround Water:NSurface Water:NSoil:CSediment:NAir:N	3823846 outhwest 5.64668 / -122.66883 lot reported l 395 Sleanup Started lot reported etroleum-Diesel lot reported lot reported lot reported lot reported lot reported lot reported lot reported lot reported lot reported	
	Responsible Unit: S LUST: Facility ID: Lust Status Type: Cleanup Site ID: Cleanup Unit Type: Process Type: Cleanup Unit Name: Lust Status Date: Response Section: Lat/Long:	23823846 Cleanup Started 8395 Upland Independent Action SOUTHWEST WASHINGTON HOSPITALS SWMC 06/21/2013 Southwest 45.64668 / -122.66883	
	UST: Facility ID: Site Id: UBI: Phone Number: Decimal Latitude: Decimal Longitude: Tank Name: Tag Number: Tank Status: Tank Status: Tank Status: Tank Status Date: Tank Closure Date: Capacity Range: Tank Closure Date: Capacity Range: Tank Permit Expiration Date: Tank Upgrade Date: Tank Spill Prevention: Tank Overfill Prevention: Tank Material: Tank Construction: Tank Tightness Test: Tank Corrosion Protection	08/01/1992 Spill Bucket/Spill Box Ball Float Valve (vent line) Fiberglass Reinforced Plastic Double Wall Tank Part of Automatic Tank Gauging (ATG) System	

Database(s)

EDR ID Number EPA ID Number

#### **MEMORIAL URGENT CARE (Continued)**

Tank Manifold: Not reported Tank Release Detection: Automatic Tank Gauging Tank SFC Type: Not reported Flexible Piping Pipe Material: Pipe Construction: **Double Wall Pipe** Pipe Primary Release Detection: Safe Suction (No Leak Detection) Pipe Second Release Detection: Not reported Pipe Corrosion Protection: **Corrosion Resistant** Pipe Pumping System: Non-Safe Suction **Responsible Unit:** SOUTHWEST Dispencer/Pump SFC Type: Not reported

Tank Name: 2 Tag Number: A4855 Tank Status: Exempt Tank Status Date: 08/06/1996 Tank Install Date: 00/31/1964 Tank Closure Date: Not reported Capacity Range: Not reported Tank Permit Expiration Date: Not reported Tank Upgrade Date: Not reported Not reported Tank Spill Prevention: Tank Overfill Prevention: Not reported Tank Material: Steel Tank Construction: Not reported Tank Tightness Test: Not reported Tank Corrosion Protection: Not reported Tank Manifold: Not reported Tank Release Detection: Not reported Tank SFC Type: Not reported Pipe Material: Not reported Pipe Construction: Not reported Pipe Primary Release Detection: Not reported Not reported Pipe Second Release Detection: Not reported Pipe Corrosion Protection: Pipe Pumping System: Not reported **Responsible Unit:** SOUTHWEST Dispencer/Pump SFC Type: Not reported

Tank Name: 3 Tag Number: A4855 Tank Status: Exempt 08/06/1996 Tank Status Date: 00/31/1964 Tank Install Date: Tank Closure Date: Not reported Capacity Range: Not reported Tank Permit Expiration Date: Not reported Tank Upgrade Date: Not reported Tank Spill Prevention: Not reported Tank Overfill Prevention: Not reported Tank Material: Steel Tank Construction: Not reported Tank Tightness Test: Not reported Tank Corrosion Protection: Not reported Tank Manifold: Not reported

# U003352937

Database(s)

EDR ID Number **EPA ID Number** 

U003352937

#### **MEMORIAL URGENT CARE (Continued)**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	SOUTHWEST
Dispencer/Pump SFC Type:	Not reported

### ALLSITES:

Facility Name: Facility Id:

# SOUTHWEST WASHINGTON MEDICAL CENTER 23823846

Interaction: .

- Interaction 1: . Interaction 2: .
- Ecology Program:
- . Program Data:
- Facility Alt .:
- Program ID: .
- Date Interaction: .
- Date Interaction 3: .
- Latitude: .
- Longitude: .

#### Interaction: . Interaction 1: Interaction 2: Ecology Program: Program Data: Facility Alt.: Program ID: Date Interaction: . Date Interaction 3:

- Latitude: .
- Longitude: .

WA Financial Assurance 1:

edr_fstat:	WA
edr_fzip:	98663
edr_fcnty:	Not reported
edr_zip:	Not reported
DOE Site ID:	10315
Site Type:	Self
Financial Resp Type:	Self-Insurance
Inception Date:	05/13/2011
Expiration Date:	05/13/2012

А UST Underground Storage Tank TOXICS UST MEMORIAL URGENT CARE 10315 2000-03-20 00:00:00 Not reported 45.646674525999998 -122.668815493

L LUST LUST Facility TOXICS ISIS Not reported 10315 1992-08-27 00:00:00 1992-09-09 00:00:00 45.646674525999998 -122.668815493

Count: 4 records.

#### ORPHAN SUMMARY

City EDR ID	Site Name	Site Address	Zip	Database(s)
VANCOUVER 1003880	<ul> <li>BOISE CASCADE CORP.</li> <li>VANCOUVER GAS MANUFACTURING SITE</li> <li>COV BELLA VISTA CIRCLE</li> <li>UNOCAL #5615</li> </ul>	W. 7TH ST. 9TH & LINCOLN STREETS SE BELLA VISTA CIR & SE 34TH C E. MILL PLAIN BLVD & NE ANDERS		WA ICR SEMS-ARCHIVE WA CSCSL, WA ALLSITES WA ICR

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

#### NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016 Date Data Arrived at EDR: 04/05/2016 Date Made Active in Reports: 04/15/2016 Number of Days to Update: 10 Source: EPA Telephone: N/A Last EDR Contact: 04/05/2016 Next Scheduled EDR Contact: 04/18/2016 Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC) Telephone: 202-564-7333

EPA Region 1 Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

EPA Region 6

EPA Region 7

EPA Region 8

**EPA Region 9** 

Telephone: 214-655-6659

Telephone: 913-551-7247

Telephone: 303-312-6774

Telephone: 415-947-4246

Date of Government Version: 03/07/2016 Date Data Arrived at EDR: 04/05/2016 Date Made Active in Reports: 04/15/2016 Number of Days to Update: 10

Source: EPA Telephone: N/A Last EDR Contact: 04/05/2016 Next Scheduled EDR Contact: 04/18/2016 Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016 Date Data Arrived at EDR: 04/05/2016 Date Made Active in Reports: 04/15/2016 Number of Days to Update: 10 Source: EPA Telephone: N/A Last EDR Contact: 04/05/2016 Next Scheduled EDR Contact: 04/18/2016 Data Release Frequency: Quarterly

# Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 04/08/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/18/2016
	Data Release Frequency: Varies

### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016 Date Data Arrived at EDR: 04/05/2016 Date Made Active in Reports: 04/15/2016 Number of Days to Update: 10 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/05/2016 Next Scheduled EDR Contact: 08/01/2016 Data Release Frequency: Quarterly

#### Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016 Date Data Arrived at EDR: 04/05/2016 Date Made Active in Reports: 04/15/2016 Number of Days to Update: 10 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/05/2016 Next Scheduled EDR Contact: 08/01/2016 Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2015	Source: EPA
Date Data Arrived at EDR: 03/02/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Quarterly

# Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016 Number of Days to Update: 34 Source: Environmental Protection Agency Telephone: (206) 553-1200 Last EDR Contact: 03/30/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Quarterly

#### Federal RCRA generators list

# RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016 Number of Days to Update: 34 Source: Environmental Protection Agency Telephone: (206) 553-1200 Last EDR Contact: 03/30/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Quarterly

#### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016 Number of Days to Update: 34 Source: Environmental Protection Agency Telephone: (206) 553-1200 Last EDR Contact: 03/30/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2015Source: Environmental Protection AgencyDate Data Arrived at EDR: 03/02/2016Telephone: (206) 553-1200Date Made Active in Reports: 04/05/2016Last EDR Contact: 03/30/2016Number of Days to Update: 34Next Scheduled EDR Contact: 07/11/2016Data Release Frequency: Varies

#### Federal institutional controls / engineering controls registries

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 02/16/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/30/2016
	Data Release Frequency: Varies

# US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 02/29/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/13/2016
	Data Release Frequency: Varies

# US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/10/2015 Date Data Arrived at EDR: 09/11/2015 Date Made Active in Reports: 11/03/2015 Number of Days to Update: 53

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 02/29/2016 Next Scheduled EDR Contact: 06/13/2016 Data Release Frequency: Varies

#### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/22/2015 Date Data Arrived at EDR: 06/26/2015 Date Made Active in Reports: 09/16/2015 Number of Days to Update: 82 Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 03/30/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Annually

#### State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 08/28/2015	Source: Department of Ecology
Date Data Arrived at EDR: 12/11/2015	Telephone: 360-407-7200
Date Made Active in Reports: 02/04/2016	Last EDR Contact: 03/08/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/20/2016
	Data Release Frequency: Semi-Annually

#### State- and tribal - equivalent CERCLIS

#### CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/20/2015Source: Department of EcologyDate Data Arrived at EDR: 10/22/2015Telephone: 360-407-7200Date Made Active in Reports: 12/14/2015Last EDR Contact: 01/21/2016Number of Days to Update: 53Next Scheduled EDR Contact: 05/02/2016Data Release Frequency: Semi-Annually

#### State and tribal landfill and/or solid waste disposal site lists

#### SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/08/2015 Date Data Arrived at EDR: 12/10/2015 Date Made Active in Reports: 02/04/2016 Number of Days to Update: 56 Source: Department of Ecology Telephone: 360-407-6132 Last EDR Contact: 03/08/2016 Next Scheduled EDR Contact: 06/20/2016 Data Release Frequency: Annually

# State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/17/2015 Date Data Arrived at EDR: 11/20/2015 Date Made Active in Reports: 12/14/2015 Number of Days to Update: 24 Source: Department of Ecology Telephone: 360-407-7183 Last EDR Contact: 02/19/2016 Next Scheduled EDR Contact: 05/30/2016 Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.		
Date of Government Version: 11/04/2015 Date Data Arrived at EDR: 11/13/2015 Date Made Active in Reports: 01/04/2016 Number of Days to Update: 52	Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies	
INDIAN LUST R1: Leaking Underground Storage Ta A listing of leaking underground storage tank to		
Date of Government Version: 10/27/2015 Date Data Arrived at EDR: 10/29/2015 Date Made Active in Reports: 01/04/2016 Number of Days to Update: 67	Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/22/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies	
INDIAN LUST R4: Leaking Underground Storage Ta LUSTs on Indian land in Florida, Mississippi ar		
Date of Government Version: 11/24/2015 Date Data Arrived at EDR: 12/01/2015 Date Made Active in Reports: 01/04/2016 Number of Days to Update: 34	Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Semi-Annually	
INDIAN LUST R9: Leaking Underground Storage Ta LUSTs on Indian land in Arizona, California, No		
Date of Government Version: 01/08/2015 Date Data Arrived at EDR: 01/08/2015 Date Made Active in Reports: 02/09/2015 Number of Days to Update: 32	Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 01/27/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Quarterly	
INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.		
Date of Government Version: 01/07/2016 Date Data Arrived at EDR: 01/08/2016 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 41	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Quarterly	
INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.		
Date of Government Version: 08/20/2015 Date Data Arrived at EDR: 10/30/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 111	Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies	
INDIAN LUST R8: Leaking Underground Storage Ta LUSTs on Indian land in Colorado, Montana, N	anks on Indian Land Iorth Dakota, South Dakota, Utah and Wyoming.	
Date of Government Version: 10/13/2015 Date Data Arrived at EDR: 10/23/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 118	Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Quarterly	

INDIAN LUST R7: Leaking Underground Storage T LUSTs on Indian land in Iowa, Kansas, and No	
Date of Government Version: 03/30/2015 Date Data Arrived at EDR: 04/28/2015 Date Made Active in Reports: 06/22/2015 Number of Days to Update: 55	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies
State and tribal registered storage tank lists	
FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground stora	age tanks.
Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010 Number of Days to Update: 55	Source: FEMA Telephone: 202-646-5797 Last EDR Contact: 04/11/2016 Next Scheduled EDR Contact: 07/25/2016 Data Release Frequency: Varies
UST: Underground Storage Tank Database Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.	
Date of Government Version: 08/19/2015 Date Data Arrived at EDR: 08/25/2015 Date Made Active in Reports: 09/23/2015 Number of Days to Update: 29	Source: Department of Ecology Telephone: 360-407-7183 Last EDR Contact: 02/16/2016 Next Scheduled EDR Contact: 05/30/2016 Data Release Frequency: Quarterly
AST: Aboveground Storage Tank Locations A listing of aboveground storage tank location and Response Program.	s regulated by the Department of Ecology's Spill Prevention, Preparedness
Date of Government Version: 07/29/2015 Date Data Arrived at EDR: 08/06/2015 Date Made Active in Reports: 09/23/2015 Number of Days to Update: 48	Source: Department of Ecology Telephone: 360-407-7562 Last EDR Contact: 02/01/2016 Next Scheduled EDR Contact: 05/16/2016 Data Release Frequency: Varies
INDIAN UST R1: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).	
Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/29/2015 Date Made Active in Reports: 01/04/2016 Number of Days to Update: 67	Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/22/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies
INDIAN UST R4: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)	
Date of Government Version: 11/24/2015 Date Data Arrived at EDR: 12/01/2015 Date Made Active in Reports: 01/04/2016 Number of Days to Update: 34	Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Semi-Appually

Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).		
Date of Government Version: 11/05/2015 Date Data Arrived at EDR: 11/13/2015 Date Made Active in Reports: 01/04/2016 Number of Days to Update: 52	Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies	
INDIAN UST R6: Underground Storage Tanks on I The Indian Underground Storage Tank (UST) Iand in EPA Region 6 (Louisiana, Arkansas, C	database provides information about underground storage tanks on Indian	
Date of Government Version: 08/20/2015 Date Data Arrived at EDR: 10/30/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 111	Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Semi-Annually	
INDIAN UST R7: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).		
Date of Government Version: 09/23/2014 Date Data Arrived at EDR: 11/25/2014 Date Made Active in Reports: 01/29/2015 Number of Days to Update: 65	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies	
	ndian Land database provides information about underground storage tanks on Indian orth Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).	
Date of Government Version: 10/13/2015 Date Data Arrived at EDR: 10/23/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 118	Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Quarterly	
	ndian Land database provides information about underground storage tanks on Indian waii, Nevada, the Pacific Islands, and Tribal Nations).	
Date of Government Version: 12/14/2014 Date Data Arrived at EDR: 02/13/2015 Date Made Active in Reports: 03/13/2015 Number of Days to Update: 28	Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/27/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Quarterly	
INDIAN UST R10: Underground Storage Tanks on The Indian Underground Storage Tank (UST) Iand in EPA Region 10 (Alaska, Idaho, Oregor	database provides information about underground storage tanks on Indian	
Date of Government Version: 01/07/2016 Date Data Arrived at EDR: 01/08/2016 Date Made Active in Reports: 02/18/2016	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/25/2016	

Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

Number of Days to Update: 41

INST	CONTROL: Institutional Control Site List Sites that have institutional controls.	
	Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/22/2015 Date Made Active in Reports: 12/14/2015 Number of Days to Update: 53	Source: Department of Ecology Telephone: 360-407-7170 Last EDR Contact: 01/21/2016 Next Scheduled EDR Contact: 05/02/2016 Data Release Frequency: Varies
State	e and tribal voluntary cleanup sites	
VCP	: Voluntary Cleanup Program Sites Sites that have entered either the Voluntary Cle	eanup Program or its predecessor Independent Remedial Action Program.
	Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/22/2015 Date Made Active in Reports: 12/14/2015 Number of Days to Update: 53	Source: Department of Ecology Telephone: 360-407-7200 Last EDR Contact: 01/21/2016 Next Scheduled EDR Contact: 05/02/2016 Data Release Frequency: Varies
INDIAN VCP R1: Voluntary Cleanup Priority Listing A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.		
	Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 142	Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/01/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Varies
INDI	AN VCP R7: Voluntary Cleanup Priority Lisitng A listing of voluntary cleanup priority sites locat	ed on Indian Land located in Region 7.
	Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008 Number of Days to Update: 27	Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009 Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies
ICR:	R: Independent Cleanup Reports These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.	
	Date of Government Version: 12/01/2002 Date Data Arrived at EDR: 01/03/2003 Date Made Active in Reports: 01/22/2003 Number of Days to Update: 19	Source: Department of Ecology Telephone: 360-407-7200 Last EDR Contact: 08/10/2009 Next Scheduled EDR Contact: 11/09/2009 Data Release Frequency: No Update Planned
State	e and tribal Brownfields sites	
BRO	WNFIELDS: Brownfields Sites Listing	

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/22/2015 Date Made Active in Reports: 12/14/2015 Number of Days to Update: 53 Source: Department of Ecology Telephone: 360-725-4030 Last EDR Contact: 01/21/2016 Next Scheduled EDR Contact: 05/02/2016 Data Release Frequency: Varies

# ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015 Date Data Arrived at EDR: 12/23/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 57 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 03/22/2016 Next Scheduled EDR Contact: 07/04/2016 Data Release Frequency: Semi-Annually

#### Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facility List A llisting of recycling center locations.

Date of Government Version: 10/26/2015	
Date Data Arrived at EDR: 10/27/2015	
Date Made Active in Reports: 12/14/2015	
Number of Days to Update: 48	

Source: Department of Ecology Telephone: 360-407-6105 Last EDR Contact: 03/08/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005	Source: Department of Ecology
Date Data Arrived at EDR: 03/16/2006	Telephone: N/A
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/08/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/20/2016
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/01/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/16/2016
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	
Date Data Arrived at EDR: 05/07/2009	
Date Made Active in Reports: 09/21/2009	
Number of Days to Update: 137	

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004 Number of Days to Update: 39 Source: Environmental Protection Agency Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

ALLSITES: Facility/Site Identification System Listing

Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 11/10/2015	Source: Department of Ecology
Date Data Arrived at EDR: 11/13/2015	Telephone: 360-407-6423
Date Made Active in Reports: 12/14/2015	Last EDR Contact: 02/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/16/2016
	Data Release Frequency: Quarterly

# CDL: Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 10/30/2015	Source: Department of Health
Date Data Arrived at EDR: 11/17/2015	Telephone: 360-236-3380
Date Made Active in Reports: 12/14/2015	Last EDR Contact: 02/08/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/23/2016
	Data Release Frequency: Varies

#### HIST CDL: List of Sites Contaminated by Clandestine Drug Labs

This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007	Source: Department of Health
Date Data Arrived at EDR: 06/26/2007	Telephone: 360-236-3381
Date Made Active in Reports: 07/19/2007	Last EDR Contact: 06/02/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### CSCSL NFA: Confirmed and Contaminated Sites - No Further Action

This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 10/20/2015	Source: Department of Ecology
Date Data Arrived at EDR: 10/22/2015	Telephone: 360-407-7170
Date Made Active in Reports: 12/14/2015	Last EDR Contact: 01/21/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 05/02/2016
	Data Release Frequency: Semi-Annually

# US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/17/2015 Date Data Arrived at EDR: 12/04/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 76 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 03/01/2016 Next Scheduled EDR Contact: 06/13/2016 Data Release Frequency: Quarterly

# Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014 Number of Days to Update: 37 Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 03/11/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies

# **Records of Emergency Release Reports**

HMIRS: Hazardous Materials Information Reporting System Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/26/2015	Telephone: 202-366-4555
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 03/30/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Annually

#### SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 12/13/2015	Source: Department of Ecology
Date Data Arrived at EDR: 12/17/2015	Telephone: 360-407-6950
Date Made Active in Reports: 02/04/2016	Last EDR Contact: 03/07/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/20/2016
	Data Release Frequency: Semi-Annually

#### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/06/2013 Number of Days to Update: 62 Source: FirstSearch Telephone: N/A Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016 Number of Days to Update: 34 Source: Environmental Protection Agency Telephone: (206) 553-1200 Last EDR Contact: 03/30/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 03/11/2016 Next Scheduled EDR Contact: 06/20/2016 Data Release Frequency: Varies

# DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 62 Source: USGS Telephone: 888-275-8747 Last EDR Contact: 04/15/2016 Next Scheduled EDR Contact: 07/25/2016 Data Release Frequency: Semi-Annually

#### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 339 Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/15/2016 Next Scheduled EDR Contact: 07/25/2016 Data Release Frequency: N/A

# SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 54 Source: Environmental Protection Agency Telephone: 615-532-8599 Last EDR Contact: 02/19/2016 Next Scheduled EDR Contact: 05/30/2016 Data Release Frequency: Varies

# US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015 Date Data Arrived at EDR: 09/03/2015 Date Made Active in Reports: 11/03/2015 Number of Days to Update: 61 Source: Environmental Protection Agency Telephone: 202-566-1917 Last EDR Contact: 02/16/2016 Next Scheduled EDR Contact: 05/30/2016 Data Release Frequency: Quarterly

#### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/09/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/23/2016
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/09/2015 Number of Days to Update: 6

Source: Environmental Protection Agency Telephone: 703-308-4044 Last EDR Contact: 02/12/2016 Next Scheduled EDR Contact: 05/23/2016 Data Release Frequency: Varies

#### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/15/2015 Date Made Active in Reports: 01/29/2015 Number of Days to Update: 14

Source: EPA Telephone: 202-260-5521 Last EDR Contact: 03/24/2016 Next Scheduled EDR Contact: 07/04/2016 Data Release Frequency: Every 4 Years

#### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 11/24/2015	Telephone: 202-566-0250
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 02/24/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 06/06/2016
	Data Release Frequency: Annually

#### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/25/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/09/2016
	Data Release Frequency: Annually

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013	So
Date Data Arrived at EDR: 12/12/2013	Te
Date Made Active in Reports: 02/24/2014	La
Number of Days to Update: 74	Ne

Source: EPA Telephone: 703-416-0223 Last EDR Contact: 03/08/2016 Next Scheduled EDR Contact: 06/20/2016 Data Release Frequency: Annually

#### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015 Date Data Arrived at EDR: 08/26/2015 Date Made Active in Reports: 11/03/2015 Number of Days to Update: 69 Source: Environmental Protection Agency Telephone: 202-564-8600 Last EDR Contact: 01/25/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies

# RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995 Number of Days to Update: 35 Source: EPA Telephone: 202-564-4104 Last EDR Contact: 06/02/2008 Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

#### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/12/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/23/2016
	Data Release Frequency: Quarterly

# PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 04/12/2016
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/25/2016
Number of Days to Opdate. 55	Data Release Frequency: Annually

#### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 04/08/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/22/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/06/2016
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/22/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/06/2016
	Data Release Frequency: Quarterly

# MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28

Source: Nuclear Regulatory Commission Telephone: 301-415-7169 Last EDR Contact: 02/08/2016 Next Scheduled EDR Contact: 05/23/2016 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/15/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 03/11/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/20/2016
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database The database of PCB transformer registrations that includes all PCB registration submittals.		
	Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012 Number of Days to Update: 83	Source: Environmental Protection Agency Telephone: 202-566-0517 Last EDR Contact: 01/29/2016 Next Scheduled EDR Contact: 05/09/2016 Data Release Frequency: Varies
	RADINFO: Radiation Information Database The Radiation Information Database (RADIN Environmental Protection Agency (EPA) regu	FO) contains information about facilities that are regulated by U.S. lations for radiation and radioactivity.
	Date of Government Version: 07/07/2015	Source: Environmental Protection Agency

Date of Government Version: 07/07/2015 Date Data Arrived at EDR: 07/09/2015 Date Made Active in Reports: 09/16/2015 Number of Days to Update: 69 Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 04/08/2016 Next Scheduled EDR Contact: 07/18/2016 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40 Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/17/2007 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006Source: EnDate Data Arrived at EDR: 03/01/2007TelephoneDate Made Active in Reports: 04/10/2007Last EDR 0Number of Days to Update: 40Next Schere

Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/17/2008 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012 Number of Days to Update: 42 Source: Department of Transporation, Office of Pipeline Safety Telephone: 202-366-4595 Last EDR Contact: 02/03/2016 Next Scheduled EDR Contact: 05/16/2016 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 04/17/2015 Date Made Active in Reports: 06/02/2015 Number of Days to Update: 46 Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 03/24/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 02/24/2015 Date Made Active in Reports: 09/30/2015 Number of Days to Update: 218 Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 02/26/2016 Next Scheduled EDR Contact: 06/06/2016 Data Release Frequency: Biennially

# INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 34 Source: USGS Telephone: 202-208-3710 Last EDR Contact: 04/15/2016 Next Scheduled EDR Contact: 07/25/2016 Data Release Frequency: Semi-Annually

# FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 11/23/2015 Date Data Arrived at EDR: 11/24/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 86 Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 02/08/2016 Next Scheduled EDR Contact: 05/23/2016 Data Release Frequency: Varies

#### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/28/2016
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/06/2016
	Data Release Frequency: Varies

#### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014	S
Date Data Arrived at EDR: 11/26/2014	Т
Date Made Active in Reports: 01/29/2015	L
Number of Days to Update: 64	N

Source: Environmental Protection Agency Telephone: 703-603-8787 Last EDR Contact: 04/07/2016 Next Scheduled EDR Contact: 07/18/2016 Data Release Frequency: Varies

# LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 36 Source: American Journal of Public Health Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/27/2015 Date Made Active in Reports: 01/04/2016 Number of Days to Update: 69	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 03/24/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Annually
US AIRS MINOR: Air Facility System Data A listing of minor source facilities.	

Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/27/2015 Date Made Active in Reports: 01/04/2016 Number of Days to Update: 69 Source: EPA Telephone: 202-564-2496 Last EDR Contact: 03/24/2016 Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Annually

# US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2016Source: Department of Labor, Mine Safety and Health AdministrationDate Data Arrived at EDR: 03/02/2016Telephone: 303-231-5959Date Made Active in Reports: 04/15/2016Last EDR Contact: 03/02/2016Number of Days to Update: 44Next Scheduled EDR Contact: 06/13/2016Data Release Frequency: Semi-Annually

# US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 03/04/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/13/2016
	Data Release Frequency: Varies

# US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/04/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/13/2016
	Data Release Frequency: Varies

## FINDS: Facility Index System/Facility Registry System

Date Made Active in Reports: 12/14/2015

Number of Days to Update: 27

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

	Date of Government Version: 07/20/2015 Date Data Arrived at EDR: 09/09/2015 Date Made Active in Reports: 11/03/2015 Number of Days to Update: 55	Source: EPA Telephone: (206) 553-1200 Last EDR Contact: 03/08/2016 Next Scheduled EDR Contact: 06/20/2016 Data Release Frequency: Quarterly
AIRS	S (EMI): Washington Emissions Data System Emissions inventory data.	
	Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 12/23/2015 Date Made Active in Reports: 02/04/2016 Number of Days to Update: 43	Source: Department of Ecology Telephone: 360-407-6040 Last EDR Contact: 03/22/2016 Next Scheduled EDR Contact: 07/04/2016 Data Release Frequency: Annually
COA	L ASH: Coal Ash Disposal Site Listing A listing of coal ash disposal site locations.	
	Date of Government Version: 09/10/2014 Date Data Arrived at EDR: 09/11/2014 Date Made Active in Reports: 10/15/2014 Number of Days to Update: 34	Source: Department of Ecology Telephone: 360-407-6933 Last EDR Contact: 03/07/2016 Next Scheduled EDR Contact: 06/20/2016 Data Release Frequency: Varies
DRY	CLEANERS: Drycleaner List A listing of registered drycleaners who register and 7216) as hazardous waste generators.	ed with the Department of Ecology (using the SIC code of 7215
	Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 05/01/2015 Date Made Active in Reports: 05/22/2015 Number of Days to Update: 21	Source: Department of Ecology Telephone: 360-407-6732 Last EDR Contact: 04/18/2016 Next Scheduled EDR Contact: 08/01/2016 Data Release Frequency: Varies
Fina		underground storage tank facilities. Financial assurance is intended or the cost of closure, post-closure care, and corrective measures
	Date of Government Version: 02/24/2012 Date Data Arrived at EDR: 02/24/2012 Date Made Active in Reports: 03/27/2012 Number of Days to Update: 32	Source: Department of Ecology Telephone: 360-586-1060 Last EDR Contact: 02/16/2016 Next Scheduled EDR Contact: 05/30/2016 Data Release Frequency: Varies
Fina	0	nazardous waste facilities. Financial assurance is intended to he cost of closure, post-closure care, and corrective measures
	Date of Government Version: 11/16/2015 Date Data Arrived at EDR: 11/17/2015	Source: Department of Ecology Telephone: 360-407-6754

Last EDR Contact: 02/16/2016

Data Release Frequency: Varies

Next Scheduled EDR Contact: 05/30/2016

#### Financial Assurance 3: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/01/2001 Date Data Arrived at EDR: 03/06/2007 Date Made Active in Reports: 04/19/2007 Number of Days to Update: 44	Source: Department of Ecology Telephone: 360-407-6136 Last EDR Contact: 02/19/2016 Next Scheduled EDR Contact: 05/30/2016 Data Release Frequency: Varies
INACTIVE DRYCLEANERS: Inactive Drycleaners A listing of inactive drycleaner facility locations	
Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 05/01/2015 Date Made Active in Reports: 05/29/2015 Number of Days to Update: 28	Source: Department of Ecology Telephone: 360-407-6732 Last EDR Contact: 04/18/2016 Next Scheduled EDR Contact: 08/01/2016 Data Release Frequency: Annually
WA MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.	
Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 05/01/2015 Date Made Active in Reports: 05/29/2015 Number of Days to Update: 28	Source: Department of Ecology Telephone: N/A Last EDR Contact: 04/18/2016 Next Scheduled EDR Contact: 08/01/2016 Data Release Frequency: Annually
NPDES: Water Quality Permit System Data A listing of permitted wastewater facilities.	
Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/22/2015 Date Made Active in Reports: 12/14/2015 Number of Days to Update: 53	Source: Department of Ecology Telephone: 360-407-6073 Last EDR Contact: 01/22/2016 Next Scheduled EDR Contact: 05/02/2016 Data Release Frequency: Quarterly
UIC: Underground Injection Wells Listing A listing of underground injection wells.	
Date of Government Version: 11/17/2015 Date Data Arrived at EDR: 11/20/2015 Date Made Active in Reports: 01/20/2016 Number of Days to Update: 61	Source: Department of Ecology Telephone: 360-407-6143 Last EDR Contact: 04/19/2016 Next Scheduled EDR Contact: 08/01/2016 Data Release Frequency: Varies
ECHO: Enforcement & Compliance History Informa	tion

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

1 6 1	, <b>0</b>
Date of Government Version: 09/20/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/23/2015	Telephone: 202-564-2280
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 03/23/2016
Number of Days to Update: 103	Next Scheduled EDR Contact: 07/04/2016
	Data Release Frequency: Quarterly

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/23/2015 Date Data Arrived at EDR: 11/24/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 86 Source: EPA Telephone: 800-385-6164 Last EDR Contact: 02/24/2016 Next Scheduled EDR Contact: 06/06/2016 Data Release Frequency: Quarterly

### EDR HIGH RISK HISTORICAL RECORDS

# EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

# EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

# EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### EDR RECOVERED GOVERNMENT ARCHIVES

**Exclusive Recovered Govt. Archives** 

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/ASource: Department of EcologyDate Data Arrived at EDR: 07/01/2013Telephone: N/ADate Made Active in Reports: 12/24/2013Last EDR Contact: 06/01/2012Number of Days to Update: 176Next Scheduled EDR Contact: N/AData Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/ASource: Department of EcologyDate Data Arrived at EDR: 07/01/2013Telephone: N/ADate Made Active in Reports: 01/10/2014Last EDR Contact: 06/01/2012Number of Days to Update: 193Next Scheduled EDR Contact: N/AData Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176 Source: Department of Ecology Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### COUNTY RECORDS

### KING COUNTY:

Abandoned Landfill Study in King County

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985 Date Data Arrived at EDR: 11/07/1994 Date Made Active in Reports: N/A Number of Days to Update: 0 Source: Seattle-King County Department of Public Health Telephone: 206-296-4785 Last EDR Contact: 10/21/1994 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984 Date Data Arrived at EDR: 11/07/1994 Date Made Active in Reports: N/A Number of Days to Update: 0 Source: Seattle - King County Department of Public Health Telephone: 206-296-4785 Last EDR Contact: 10/21/1994 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

#### Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986 Date Data Arrived at EDR: 08/18/1995 Date Made Active in Reports: 09/20/1995 Number of Days to Update: 33 Source: Department of Public Health Telephone: 206-296-4785 Last EDR Contact: 08/14/1995 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 11/16/2011 Date Data Arrived at EDR: 03/29/2012 Date Made Active in Reports: 05/03/2012 Number of Days to Update: 35 Source: Snohomish Health District Telephone: 206-339-5250 Last EDR Contact: 03/24/2016 Next Scheduled EDR Contact: 07/04/2016 Data Release Frequency: Semi-Annually

#### TACOMA/PIERCE COUNTY:

#### **Closed Landfill Survey**

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002 Date Data Arrived at EDR: 03/24/2003 Date Made Active in Reports: 05/14/2003 Number of Days to Update: 51 Source: Tacoma-Pierce County Health Department Telephone: 206-591-6500 Last EDR Contact: 03/19/2003 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013 Date Data Arrived at EDR: 08/19/2013 Date Made Active in Reports: 10/03/2013 Number of Days to Update: 45 Source: Department of Energy & Environmental Protection Telephone: 860-424-3375 Last EDR Contact: 02/18/2016 Next Scheduled EDR Contact: 05/30/2016 Data Release Frequency: No Update Planned

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Telephone: 518-402-8651

Telephone: 717-783-8990

Last EDR Contact: 04/18/2016

Last EDR Contact: 02/03/2016

Next Scheduled EDR Contact: 05/16/2016 Data Release Frequency: Annually

Date of Government Version: 02/01/2016 Date Data Arrived at EDR: 02/03/2016 Date Made Active in Reports: 03/22/2016 Number of Days to Update: 48

PA MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/24/2015 Date Made Active in Reports: 08/18/2015 Number of Days to Update: 25

WI MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 03/19/2015 Date Made Active in Reports: 04/07/2015 Number of Days to Update: 19

Data Release Frequency: Annually Source: Department of Natural Resources Telephone: N/A

Next Scheduled EDR Contact: 08/01/2016

Source: Department of Environmental Protection

Source: Department of Environmental Conservation

Last EDR Contact: 03/14/2016 Next Scheduled EDR Contact: 06/27/2016 Data Release Frequency: Annually

#### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals. Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical

database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on private school locations in the United States. Daycare Centers: Daycare Center Listing Source: Department of Social & Health Services Telephone: 253-383-1735

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Department of Ecology Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

# STREET AND ADDRESS INFORMATION

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# **GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM**

# TARGET PROPERTY ADDRESS

EAST MILL PLAIN CENTER 400 EAST MILL PLAIN BLVD. VANCOUVER, WA 98663

# TARGET PROPERTY COORDINATES

Latitude (North):	45.632332 - 45° 37' 56.40''
Longitude (West):	122.667669 - 122° 40' 3.61''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	525903.8
UTM Y (Meters):	5053034.5
Elevation:	91 ft. above sea level

# USGS TOPOGRAPHIC MAP

Target Property Map:	5995774 VANCOUVER, WA
Version Date:	2014
South Map:	6067252 PORTLAND, OR
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- Groundwater flow direction, and
   Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

# **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

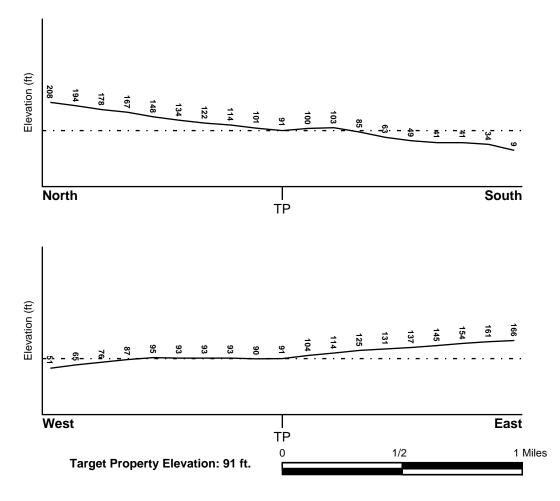
# **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

# TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

# SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

#### FEMA FLOOD ZONE

Target Property County CLARK, WA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	5300270007B - FEMA Q3 Flood data
Additional Panels in search area:	5300270003B - FEMA Q3 Flood data 5300270004B - FEMA Q3 Flood data 5300240000A - FEMA Q3 Flood data 5300270006B - FEMA Q3 Flood data 5300240293B - FEMA Q3 Flood data 5300240294B - FEMA Q3 Flood data
NATIONAL WETLAND INVENTORY	NWI Electronic
NWI Quad at Target Property VANCOUVER	Data Coverage YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:						
Search Radius: 1.25 miles						
Status:	Not found					

### **AQUIFLOW**®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
C10	1/4 - 1/2 Mile SW	SSW
15	1/2 - 1 Mile SW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

#### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

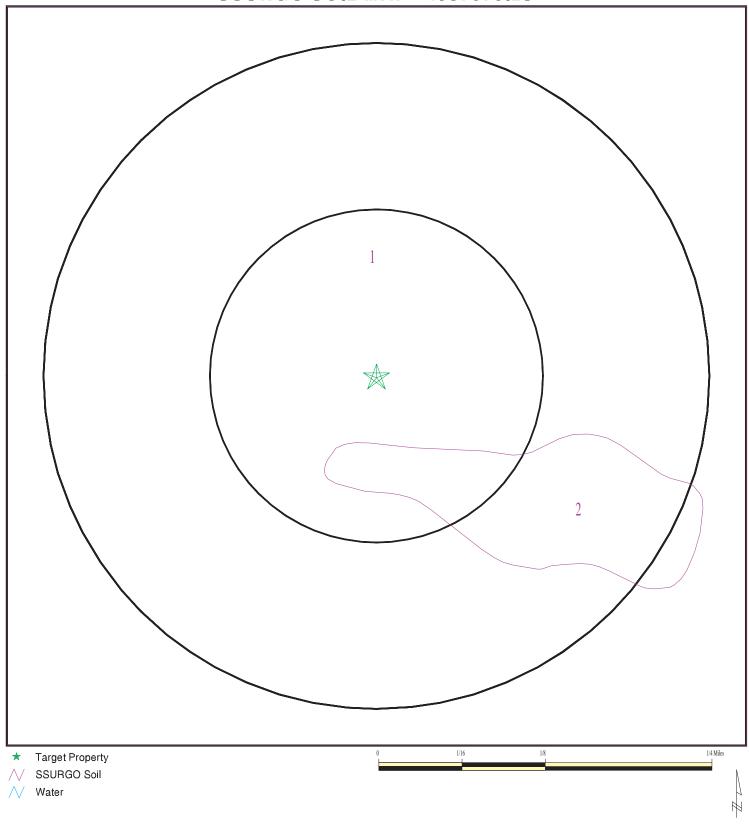
Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### **ROCK STRATIGRAPHIC UNIT**

### **GEOLOGIC AGE IDENTIFICATION**

Era:	Cenozoic Category: Stratifed Sequence
Svstem:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).



SITE NAME: ADDRESS:	East Mill Plain Center 400 East Mill Plain Blvd.
	Vancouver WA 98663
LAT/LONG:	45.632332 / 122.667669

CONTACT: INQUIRY #:	Coles & Betts Environmental Consulting LLC Jill Betts 4597875.2s April 20, 2016 6:57 pm
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### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1	
Soil Component Name:	Lauren
Soil Surface Texture:	gravelly loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Somewhat excessively drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Moderate
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

	Soil Layer Information							
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	5 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 5.6	
2	5 inches	33 inches	very gravelly loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6	
3	33 inches	44 inches	very gravelly coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6.5 Min: 6.1	

	Soil Layer Information								
Layer	Boundary			Classification		Saturated hydraulic			
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
4	44 inches	59 inches	very gravelly loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1		

Soil Map ID: 2	
Soil Component Name:	Lauren
Soil Surface Texture:	gravelly loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Somewhat excessively drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Moderate
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

	Soil Layer Information							
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	3 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 5.6	
2	3 inches	31 inches	very gravelly loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6	

	Soil Layer Information							
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
3	31 inches	44 inches	very gravelly coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6.5 Min: 6.1	
4	44 inches	59 inches	very gravelly loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1	

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

#### WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

#### FEDERAL USGS WELL INFORMATION

ON IP
4 Mile WSW
4 Mile SE
4 Mile ESE
4 Mile ESE
2 Mile SW
2 Mile SW
2 Mile ESE

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
9	USGS40001207660	1/4 - 1/2 Mile ESE
C11	USGS40001207637	1/4 - 1/2 Mile SW
12	USGS40001207675	1/2 - 1 Mile WSW
D13	USGS40001207608	1/2 - 1 Mile SSW
D14	USGS40001207609	1/2 - 1 Mile SSW
16	USGS40001207743	1/2 - 1 Mile East
E17	USGS40001207594	1/2 - 1 Mile SW
E18	USGS40001207593	1/2 - 1 Mile SW
E19	USGS40001207592	1/2 - 1 Mile SW
E20	USGS40001207597	1/2 - 1 Mile SW
E21	USGS40001207596	1/2 - 1 Mile SW
E22	USGS40001207595	1/2 - 1 Mile SW
F23	USGS40001207610	1/2 - 1 Mile SW
F24	USGS40001207601	1/2 - 1 Mile SW
25	USGS40001207618	1/2 - 1 Mile WSW
26	USGS40001207750	1/2 - 1 Mile East
27	USGS40001207836	1/2 - 1 Mile NE
28	USGS40001207623	1/2 - 1 Mile WSW
29	USGS40001207624	1/2 - 1 Mile WSW
30	USGS40001207943	1/2 - 1 Mile North
G31	USGS40001207773	1/2 - 1 Mile ENE

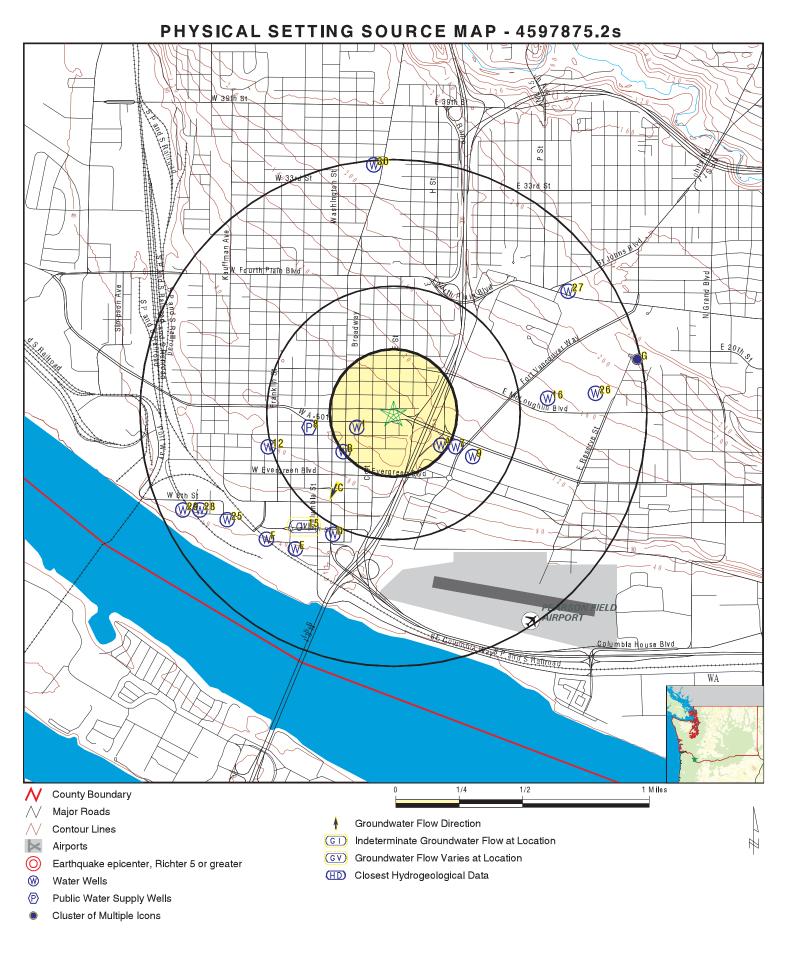
### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
8	WA5301765	1/4 - 1/2 Mile West

Note: PWS System location is not always the same as well location.

#### STATE DATABASE WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
G32	WA800000018187	1/2 - 1 Mile ENE



 East Mill Plain Center	CLIENT:	Coles & Betts Environmental Consulting LLC
400 East Mill Plain Blvd.	CONTACT:	Jill Betts
Vancouver WA 98663	INQUIRY #:	4597875.2s
45.632332 / 122.667669	DATE:	April 20, 2016 6:57 pm
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levation				Database	EDR ID Numbe
/SW /8 - 1/4 Mile igher	9			FED USGS	USGS4000120771
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Formal nar	me:	USGS Washington Wate	r Science Center		
Monloc Ide	entifier:	USGS-45375412240100	1		
Monloc na	ime:	02N/01E-27G03			
Monloc typ	be:	Well			
Monloc de	esc:	Not Reported			
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Drainagea	area Units:	Not Reported	Contrib drainagearea:	Not Reported	
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Longitude:	:	-122.6706529	Sourcemap scale:	24000	
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Welldepth Wellholede Ground-wa Date 1965-09-11 1965-09-11 1965-09-11 2 E 8 - 1/4 Mile igher Org. Identii Formal nar Monloc late Monloc nar Monloc typ Monloc dat Huc code: Drainagea Contrib dra Longitude: Horiz Colle Horiz Colle Horiz corre Vert measo	on date: units: epth units: ater levels, Numb Feet below Surface 7 85 ifier: me: entifier: ime: be: isc: area Units: ainagearea units: ection method: rd refsys: sure units: easure units: easure units:	19650917 ft Not Reported er of Measurements: 1 Feet to Sealevel 	Wellhoiedepth: Science Center Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported FED USGS Not Reported Not Reported 45.6301171 24000 seconds 100	USGS4000120766
Welldepth Wellholede Ground-wa Date 1965-09-11 1965-09-11 1965-09-11 2 2 8 - 1/4 Mile igher Org. Identi Formal nate Monloc hat Monloc typ Monloc dea Huc code: Drainagea Contrib dra Longitude: Horiz Colle Horiz Colle Horiz coord Vert measo Vert accme	on date: units: epth units: ater levels, Numb Feet below Surface 7 85 ifier: me: entifier: ume: be: esc: area Units: ainagearea units: imeasure: ection method: reasure units: ition method:	19650917 ft Not Reported er of Measurements: 1 Feet to Sealevel 	Wellhoiedepth: r Science Center 1 Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: phic map	Not Reported FED USGS Not Reported Not Reported 45.6301171 24000 seconds 100	USGS4000120766
Welldepth Wellholede Ground-wa Date 1965-09-11 1965-09-11 1965-09-11 2 E 8 - 1/4 Mile igher Org. Identii Formal nar Monloc late Monloc nar Monloc dat Monloc dat Huc code: Drainagea Contrib dra Longitude: Horiz Colle Horiz Colle Horiz corre Vert measo	on date: units: epth units: ater levels, Numb Feet below Surface 7 85 ifier: me: entifier: ume: be: esc: area Units: ainagearea units: ection method: rd refsys: ure units: tion method: I refsys:	19650917 ft Not Reported er of Measurements: 1 Feet to Sealevel 	Wellhoiedepth: Science Center Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported FED USGS Not Reported Not Reported 45.6301171 24000 seconds 100 5	USGS4000120766

Aquifer type:	:	Not Reported			
Construction	date:	19680118	Welldepth:	221	
Welldepth ur	nits:	ft	Wellholedepth:	Not Reported	
Wellholedep	th units:	Not Reported			
Ground-wate	er levels, Numb	er of Measurements: 1			
	Feet below	Feet to			
Date	Surface	Sealevel			
1968-06-01					
3					11000 40004 20700
SE /8 - 1/4 Mile ligher				FED USGS	USGS40001207683
Org. Identifie		USGS-WA			
Formal name		USGS Washington Water	Science Center		
Monloc Iden		USGS-453751122394401			
Monloc name		02N/01E-27H01			
Monloc type:		Well			
Monloc desc	:	Not Reported	Desires and		
Huc code:		17080001	Drainagearea value:	Not Reported	
Drainageare		Not Reported	Contrib drainagearea:	Not Reported	
	nagearea units:		Latitude:	45.6306726	
Longitude: Horiz Acc me	0001100	-122.6634305 5	Sourcemap scale: Horiz Acc measure units:	24000 seconds	
Horiz Collect		5 Interpolated from map	Honz Acc measure units.	Seconds	
Horiz coord i		NAD83	Vert measure val:	95	
Vert measure	•	feet	Vertacc measure val:	5	
Vert accmea		feet	vondoo modouro val.	0	
Vertcollection		Interpolated from topograp	hic map		
Vert coord re	efsys:	NGVD29	Countrycode:	US	
Aquifername	•	Not Reported	-		
Formation ty	pe:	Not Reported			
Aquifer type:	:	Not Reported			
Construction	date:	19550905	Welldepth:	144	
Welldepth ur		ft	Wellholedepth:	Not Reported	
Wellholedep	th units:	Not Reported			
Ground-wate	er levels, Numb Feet below	er of Measurements: 1 Feet to			
Date	Surface	Sealevel			
1955-09-05	98				
4					
SE /8 - 1/4 Mile ligher				FED USGS	USGS40001207684
Org. Identifie	er:	USGS-WA			
Formal name		USGS Washington Water	Science Center		
Monloc Iden	tifier:	USGS-453751122394402			
Monloc name		02N/01E-27H02			
Monloc type:		Well			
Monloc desc	:	Not Reported	<b>.</b>		
Huc code:	a I laita.	17080001	Drainagearea value:	Not Reported	
Drainageare		Not Reported	Contrib drainagearea:	Not Reported	
Contrib drain	nagearea units:	Not Reported	Latitude:	45.6306726	

Sourcemap scale:

Longitude:

-122.6634305

24000

Horiz Acc n		5	Horiz Acc measure units:	seconds	
	ction method:	Interpolated from map	Vort monours yel	05	
Horiz coord		NAD83	Vert measure val:	95 5	
Vert measu	asure units:	feet feet	Vertacc measure val:	5	
	on method:	Interpolated from topographi	c man		
Vert coord		NGVD29	Countrycode:	US	
Aquifernam		Not Reported	Countrycode.	03	
Formation t		Not Reported			
Aquifer type		Not Reported			
Constructio		19550925	Welldepth:	137	
Welldepth (		ft	Wellholedepth:	Not Reported	
Wellholede		Not Reported	weinbiedeptil.	Not Reported	
Ground-wa	ter levels. Numb	er of Measurements: 1			
	Feet below	Feet to			
Date	Surface	Sealevel			
1955-09-25	5 91				
v				FED USGS	USGS4000120766
y - 1/2 Mile gher				FED 03G3	03634000120766
-					
Ora. Identif	ier:	USGS-WA			
Org. Identif Formal nan		USGS-WA USGS Washington Water Sc	cience Center		
-	ne:	USGS-WA USGS Washington Water So USGS-453749122401401	cience Center		
Formal nan	ne: ntifier:	USGS Washington Water Sc	cience Center		
Formal nan Monloc Ide	ne: ntifier: ne:	USGS Washington Water So USGS-453749122401401	cience Center		
Formal nan Monloc Ide Monloc nan	ne: ntifier: ne: e:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well	cience Center		
Formal nan Monloc Ide Monloc nan Monloc type	ne: ntifier: ne: e:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01		Not Reported	
Formal nan Monloc Ide Monloc nan Monloc type Monloc des Huc code:	ne: ntifier: ne: e: sc:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001	Drainagearea value:	Not Reported	
Formal nan Monloc Ide Monloc nan Monloc type Monloc des Huc code: Drainagear	ne: ntifier: ne: e: sc: rea Units:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported	Drainagearea value: Contrib drainagearea:	Not Reported	
Formal nan Monloc Ide Monloc nan Monloc type Monloc des Huc code: Drainagear Contrib dra	ne: ntifier: ne: e: sc:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude:		
Formal nan Monloc Ide Monloc nan Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude:	ne: ntifier: ne: e: sc: rea Units: inagearea units:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported Not Reported -122.671764	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:	Not Reported 45.630117 24000	
Formal nan Monloc Ide Monloc nar Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported Not Reported -122.671764 5	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported 45.630117	
Formal nan Monloc Ide Monloc nar Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Colle	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported Not Reported -122.671764	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:	Not Reported 45.630117 24000	
Formal nan Monloc Ide Monloc nar Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: I refsys:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported Not Reported -122.671764 5 Interpolated from map	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported 45.630117 24000 seconds	
Formal nan Monloc Ide Monloc nar Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Colle Horiz coord Vert measu	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: I refsys:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val:	Not Reported 45.630117 24000 seconds 88	
Formal nan Monloc Ide Monloc nar Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Colle Horiz coord Vert measu Vert accme	ne: ntifier: ne: e: sc: inagearea units: neasure: ction method: I refsys: ure units:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported Not Reported -122.671764 5 Interpolated from map NAD83 feet feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.630117 24000 seconds 88	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme	ne: ntifier: ne: e: sc: inagearea units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported Not Reported -122.671764 5 Interpolated from map NAD83 feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map	Not Reported 45.630117 24000 seconds 88	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vertcollecti Vert coord	ne: ntifier: ne: e: sc: inagearea units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.630117 24000 seconds 88 5	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vert coord Aquifernam	ne: ntifier: ne: e: sc: inagearea units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys: ne:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map	Not Reported 45.630117 24000 seconds 88 5	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vert coord Aquifernam Formation t	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys: ne: type:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map	Not Reported 45.630117 24000 seconds 88 5	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vert coord Aquifernam	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys: ne: type: e:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode:	Not Reported 45.630117 24000 seconds 88 5 US	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vert collectii Vert coord Aquifernam Formation t Aquifer type Constructio	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys: ne: type: e: on date:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported Not Reported 19600523	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode: Welldepth:	Not Reported 45.630117 24000 seconds 88 5 US 139	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vert coord Aquifernam Formation t Aquifer type	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys: ne: type: e: on date: units:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode:	Not Reported 45.630117 24000 seconds 88 5 US	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vert collectii Vert coord Aquifernam Formation t Aquifer type Constructio Wellholede	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys: ne: type: e: on date: units: pth units:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported Not Reported 19600523 ft	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode: Welldepth:	Not Reported 45.630117 24000 seconds 88 5 US 139	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vert collectii Vert coord Aquifernam Formation t Aquifer type Constructio Wellholede	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys: ne: type: e: on date: units: pth units:	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported 19600523 ft Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode: Welldepth:	Not Reported 45.630117 24000 seconds 88 5 US 139	
Formal nan Monloc Ide Monloc type Monloc des Huc code: Drainagear Contrib dra Longitude: Horiz Acc n Horiz Collee Horiz coord Vert measu Vert accme Vert collectii Vert coord Aquifernam Formation t Aquifer type Constructio Wellholede	ne: ntifier: ne: e: sc: rea Units: inagearea units: neasure: ction method: d refsys: ure units: easure units: on method: refsys: ne: type: e: on date: units: pth units: ter levels, Numb	USGS Washington Water So USGS-453749122401401 02N/01E-27G01 Well Not Reported 17080001 Not Reported -122.671764 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported Not Reported 19600523 ft Not Reported wor Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode: Welldepth:	Not Reported 45.630117 24000 seconds 88 5 US 139	

B6 SW 1/4 - 1/2 Mile Higher

FED USGS USGS40001207668

Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc:	USGS-WA USGS Washington Water Science USGS-453749122401402 02N/01E-27G02 Well	e Center	
Huc code:	Not Reported 17080001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	45.630117
Longitude:	-122.671764	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	88
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic ma	ap	
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19600523	Welldepth:	146
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1 Feet below Feet to Date Surface Sealevel

Not Reported

1960-05-23 89

### 7 ESE 1/4 - 1/2 Mile Higher

Huc code:

Longitude:

Formation type:

Org. Identifier: USGS-WA Formal name: USGS Washington Water Science Center USGS-453750122394101 Monloc Identifier: 02N/01E-27H04 Monloc name: Monloc type: Well Monloc desc: Not Reported 17080001 Drainagearea value: Not Reported Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Contrib drainagearea units: Not Reported 45.6303948 Latitude: -122.6625971 Sourcemap scale: 24000 Horiz Acc measure: 5 Horiz Acc measure units: seconds Horiz Collection method: Interpolated from map NAD83 Vert measure val: 100 Horiz coord refsys: Vert measure units: feet Vertacc measure val: 5 Vert accmeasure units: feet Interpolated from topographic map Vertcollection method: US Vert coord refsys: NGVD29 Countrycode: Aquifername: Not Reported

FED USGS USGS40001207674

Aquifer type: Construction d Welldepth unit Wellholedepth	s:	Not Reported 19611024 ft Not Reported	Welldepth: Wellholedepth:	137 Not Reported	
	levels, Num Feet below	ber of Measurements: 1 Feet to			
Date	Surface	Sealevel			
1961-10-24					
3 West 1/4 - 1/2 Mile Higher				FRDS PWS	WA5301765
Epa region:		10	State:	WA	
Pwsid:		WA5301765			
Pwsname:		WEST VAN MATERIAL RECO		14/4	
City served:		Not Reported	State served:	WA	
Zip served: Status:		Not Reported Closed	Fips county:	WA011 37	
Pwssvcconn:		1	Pop srvd: Source:	Groundwater	
Pws type:		' NTNCWS	Owner:	Private	
Contact:		SILAS CEBALLOS	Owner.	Tilvate	
Contactor gna	me <sup>.</sup>	WEST VAN MATERIAL RECO			
Contact phone		Not Reported	Contact address1:	6601 NW OLD LOV	VER RIVER RD
Contact addre		Not Reported	Contact city:	VANCOUVER	
Contact state:	0021	WA	Contact zip:	98660	
Activity code:		1			
Facid:		134			
Facname:		WELL #1			
Facility type:		Treatment_plant	Activity code:	А	
Treatment obj:		disinfection	Treatment process:	hypochlorination, po	ost
Treatment obj:		softening (hardness removal)	Treatment process:	ion exchange	
Facid:		TP001			
Facname:		WELL #1			
Facility type:		Treatment_plant	Activity code:	Α	
Treatment obj: Treatment obj:		disinfection softening (hardness removal)	Treatment process: Treatment process:	hypochlorination, po ion exchange	ost
Location Inforr	nation:				
Name:		WEST VAN MATERIAL RECO	VERY CENTER		
Pwstypcd:		NTNCWS	Primsrccd:	GW	
Popserved:		37			
Add1:		6601 NW OLD LOWER RIVER	RD		
Add2:		Not Reported			
City:		VANCOUVER	State:	WA	
Zip:		98660	Phone:	Not Reported	
Cityserv:		Not Reported	Cntyserv:	Not Reported	
Stateserv:		WA	Zipserv:	Not Reported	

Violations Information:	0000004		S
Violoation id:	0093001	Orig cd:	-
State:	WA	Viol fy:	2000
Contamcd:	5000		
Contamnm:	Lead and Copper Rule		
Viol code:	52		
Viol name:	Follow-up Or Routine LCR Tap I	M/R	
Rule code:	350		
Rule name:	LCR		
Violmeasur:	0	Unitmeasur:	Not Reported
State mcl:	0	Cmpbdt:	01/01/2000
Cmpedt:	Not Reported		
PWS ID:	WA5301765		
Date Initiated:	Not Reported Date Dea	ctivated: Not Reported	
PWS Name:	RIVER RD. MATERIAL RECOV	ERY CENTER	
	VANCOUVER, WA 98660		
Addressee / Facility:	Not Reported		
-			
Facility Latitude:	45 37 54	Facility Longitude:	122 40 24
City Served:	Not Reported		
Treatment Class:	Treated	Population:	0000035
		·	
PWS currently has or had	major violation(s) or enforcement:	YES	
PWS currently has or had	major violation(s) or enforcement:	YES	

### VIOLATIONS INFORMATION:

Violation ID: Vio. beginning Date: Num required Samples: Analysis Result: Analysis Method: Violation Type: Contaminant: Vio. Awareness Date:	9375095 09/01/93 Not Reported Not Reported Not Reported Monitoring, Routine I COLIFORM (TCR) 093093	Source ID: Vio. end Date: Number of Sample Maximum Contan Major (TCR)	PWS Phone: Vio. Period: Not Reported Not Reported	Not Reported 001 Months
Violation ID: Vio. beginning Date: Num required Samples: Analysis Result: Analysis Method: Violation Type: Contaminant: Vio. Awareness Date:	9325112 03/01/93 Not Reported Not Reported Not Reported Monitoring, Routine I COLIFORM (TCR) 033193	Source ID: Vio. end Date: Number of Sample Maximum Contan Major (TCR)	PWS Phone: Vio. Period: Not Reported Not Reported	Not Reported 001 Months
Violation ID: Vio. beginning Date: Num required Samples: Analysis Result: Analysis Method: Violation Type: Contaminant: Vio. Awareness Date:	9375095 09/01/93 Not Reported Not Reported Not Reported Monitoring, Routine I COLIFORM (TCR) 093093	Source ID: Vio. end Date: Number of Sample Maximum Contan Major (TCR)	PWS Phone: Vio. Period: Not Reported Not Reported	Not Reported 001 Months

### **ENFORCEMENT INFORMATION:**

System Name:	WEST VAN MATERIAL RECOVERY	
Violation Type:	Follow-up and Routine Tap Sampling	
Contaminant:	LEAD & COPPER RULE	
Compliance Period:	1999-01-01 - 2015-12-31	
Violation ID:	0093001	
Enforcement Date:	Not Reported	Enf. Action:
	•	

#### **ENFORCEMENT INFORMATION:**

System Name: Violation Type: Contaminant: Compliance Period: Violation ID: Enforcement Date:	WEST VAN MATERIAL RECOVERY Monitoring, Routine Major (TCR) COLIFORM (TCR) 1999-01-01 - 1999-01-31 9950208 1999-01-31	Enf. Action:	State Violation/Reminder Notice
System Name: Violation Type: Contaminant: Compliance Period: Violation ID: Enforcement Date:	WEST VAN MATERIAL RECOVERY Monitoring, Routine Major (TCR) COLIFORM (TCR) 1999-05-01 - 1999-05-31 9950209 1999-05-31	Enf. Action:	State Violation/Reminder Notice

#### 9 ESE 1/4 - 1/2 Mile Higher

FED USGS USGS40001207660

Org. Identifier:	USGS-WA				
Formal name:	USGS Washington Water Science Center				
Monloc Identifier:	USGS-453748122393601				
Monloc name:	02N/01E-26E01				
Monloc type:	Well				
Monloc desc:	Not Reported				
Huc code:	17080001	Drainagearea value:	Not Reported		
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported		
Contrib drainagearea units:	Not Reported	Latitude:	45.6298393		
Longitude:	-122.6612082	Sourcemap scale:	24000		
Horiz Acc measure:	5	Horiz Acc measure units:	seconds		
Horiz Collection method:	Interpolated from map				
Horiz coord refsys:	NAD83	Vert measure val:	109		
Vert measure units:	feet	Vertacc measure val:	5		
Vert accmeasure units:	feet				
Vertcollection method:	Interpolated from topographic ma	р			
Vert coord refsys:	NGVD29	Countrycode:	US		
Aquifername:	Not Reported				
Formation type:	Not Reported				
Aquifer type:	Not Reported				
Construction date:	19611001	Welldepth:	141		
Welldepth units:	ft	Wellholedepth:	Not Reported		
Wellholedepth units:	Not Reported				

#### Ground-water levels, Number of Measurements: 1

Feet below Feet to

	1 001 001010	1 001 10
Date	Surface	Sealevel

1961-10-01 106

C10 SW 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	4751 SSW Not Reported Not Reported Not Reported 04/25/1990
	Dale.	04/20/1990

AQUIFLOW 41682

Direction					
Distance Elevation				Database	EDR ID Number
C11 SW /4 - 1/2 Mile .ower				FED USGS	USGS40001207637
Org. Identifie	er:	USGS-WA			
Formal name		USGS Washington Wate	er Science Center		
Monloc Ident	tifier:	USGS-45374112240180	01		
Monloc name	e:	02N/01E-27(1)			
Monloc type:	:	Well			
Monloc desc		Not Reported			
Huc code:		17080001	Drainagearea value:	Not Reported	
Drainageare	a Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drain	agearea units:	Not Reported	Latitude:	45.6278948	
Longitude:	-	-122.672875	Sourcemap scale:	24000	
Horiz Acc me	easure:	10	Horiz Acc measure units:	seconds	
Horiz Collect	tion method:	Interpolated from map			
Horiz coord r	refsys:	NAD83	Vert measure val:	60	
Vert measure	e units:	feet	Vertacc measure val:	5	
Vert accmea	sure units:	feet			
Vertcollection	n method:	Interpolated from topogr	aphic map		
Vert coord re	efsys:	NGVD29	Countrycode:	US	
Aquifername	):	Not Reported			
Formation ty	pe:	Not Reported			
Aquifer type:		Not Reported			
Construction	date:	19600521	Welldepth:	184	
Welldepth ur	nits:	ft	Wellholedepth:	Not Reported	
Wellholedep	th units:	Not Reported			
Ground-wate		er of Measurements: 1			
Date	er levels, Numb Feet below Surface	er of Measurements: 1 Feet to Sealevel			
Date 1960-05-21 2 VSW /2 - 1 Mile	er levels, Numb Feet below Surface	er of Measurements: 1 Feet to Sealevel		FED USGS	USGS40001207675
Date 1960-05-21 2 VSW	er levels, Numb Feet below Surface	er of Measurements: 1 Feet to Sealevel		FED USGS	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile	er levels, Numb Feet below Surface 20	er of Measurements: 1 Feet to Sealevel		FED USGS	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile .ower	er levels, Numb Feet below Surface 20	er of Measurements: 1 Feet to Sealevel	er Science Center	FED USGS	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile .ower Org. Identifie	er levels, Numb Feet below Surface 20	er of Measurements: 1 Feet to Sealevel USGS-WA		FED USGS	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile .ower Org. Identifie Formal name Monloc Identi Monloc name	er levels, Numb Feet below Surface 20 20 er: e: tifier: e:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate		FED USGS	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile .ower Org. Identifie Formal name Monloc Identi	er levels, Numb Feet below Surface 20 20 er: e: tifier: e:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360		FED USGS	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile .ower Org. Identifie Formal name Monloc Identi Monloc name	er levels, Numb Feet below Surface 20 20 er: e: tifier: e:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01		FED USGS	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Ident Monloc Ident Monloc type: Monloc desc Huc code:	er levels, Numb Feet below Surface 20 20 er: e: tifier: e:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001	01 Drainagearea value:	Not Reported	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Ident Monloc Ident Monloc type: Monloc desc Huc code: Drainageare	er levels, Numb Feet below Surface 20 20 er: e: tifier: e: :: a Units:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported	Drainagearea value: Contrib drainagearea:	Not Reported Not Reported	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Ident Monloc Ident Monloc type: Monloc desc Huc code: Drainageare: Contrib drain	er levels, Numb Feet below Surface 20 20 er: e: tifier: e:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported Not Reported Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported Not Reported 45.6303947	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Ident Monloc Ident Monloc type: Monloc desc Huc code: Drainageare: Contrib drain Longitude:	er levels, Numb Feet below Surface 20 er: e: tifier: e: a Units: hagearea units:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported Not Reported Not Reported -122.6778752	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:	Not Reported Not Reported 45.6303947 24000	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Ident Monloc Ident Monloc type: Monloc desc Huc code: Drainageare Contrib drain Longitude: Horiz Acc me	er levels, Numb Feet below Surface 20 er: e: tifier: e: a Units: hagearea units: easure:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported Not Reported -122.6778752 5	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported Not Reported 45.6303947	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Ident Monloc Ident Monloc type: Monloc desc Huc code: Drainageare Contrib drain Longitude: Horiz Acc me Horiz Collect	er levels, Numb Feet below Surface 20 er: e: tifier: e: a Units: hagearea units: easure: tion method:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported -122.6778752 5 Interpolated from map	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported Not Reported 45.6303947 24000 seconds	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Identi Monloc Identi Monloc type: Monloc desc Huc code: Drainageare: Contrib drain Longitude: Horiz Acc me Horiz Collect Horiz coord r	er levels, Numb Feet below Surface 20 er: e: tifier: e: a Units: nagearea units: easure: tion method: refsys:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported -122.6778752 5 Interpolated from map NAD83	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val:	Not Reported Not Reported 45.6303947 24000 seconds 75	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Identi Monloc Identi Monloc type: Monloc desc Huc code: Drainageare: Contrib drain Longitude: Horiz Acc me Horiz Collect Horiz coord n Vert measure	er levels, Numb Feet below Surface 20 20 er: e: tifier: e: a Units: nagearea units: easure: tion method: refsys: e units:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported -122.6778752 5 Interpolated from map NAD83 feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported Not Reported 45.6303947 24000 seconds	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Identi Monloc casc Huc code: Drainagearea Contrib drain Longitude: Horiz Acc me Horiz Collect Horiz coord n Vert measure Vert accmea	er levels, Numb Feet below Surface 20 er: e: tifier: e: a Units: nagearea units: easure: tion method: refsys: e units: sure units:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported -122.6778752 5 Interpolated from map NAD83 feet feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported Not Reported 45.6303947 24000 seconds 75	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Identi Monloc cype: Monloc desc Huc code: Drainageare: Contrib drain Longitude: Horiz Collect Horiz Collect Horiz coord n Vert measure Vert accmea Vertcollection	er levels, Numb Feet below Surface 20 20 er: e: tifier: e: a Units: hagearea units: hagearea units: easure: tion method: refsys: e units: hsure units: n method:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported -122.6778752 5 Interpolated from map NAD83 feet feet Interpolated from topogr	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: raphic map	Not Reported Not Reported 45.6303947 24000 seconds 75 5	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile Jower Org. Identifie Formal name Monloc Identi Monloc Identi Monloc desc Huc code: Drainageare: Contrib drain Longitude: Horiz Acc me Horiz Collect Horiz Collect Horiz coord re Vert measure Vert coord re	er levels, Numb Feet below Surface 20 20 er: e: tifier: e: a Units: hagearea units: hagearea units: easure: tion method: refsys: e units: n method: efsys:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS Vashington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported Not Reported -122.6778752 5 Interpolated from map NAD83 feet feet Interpolated from topogr NGVD29	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported Not Reported 45.6303947 24000 seconds 75	USGS40001207675
Date 1960-05-21 2 VSW /2 - 1 Mile ower Org. Identifie Formal name Monloc Identi Monloc cype: Monloc desc Huc code: Drainageare: Contrib drain Longitude: Horiz Collect Horiz Collect Horiz coord n Vert measure Vert accmea Vertcollection	er levels, Numb Feet below Surface 20 20 er: e: tifier: e: a Units: hagearea units: hagearea units: easure: tion method: refsys: e units: sure units: n method: efsys: e:	er of Measurements: 1 Feet to Sealevel USGS-WA USGS Washington Wate USGS-45375012240360 02N/01E-27F01 Well Not Reported 17080001 Not Reported -122.6778752 5 Interpolated from map NAD83 feet feet Interpolated from topogr	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: raphic map	Not Reported Not Reported 45.6303947 24000 seconds 75 5	USGS40001207675

Monloc Identi Monloc name Monloc type: Monloc desc: Huc code: Drainagearea	fier: ::	USGS-453732122401702 02N/01E-27L02 Well Not Reported 17080001 Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:	Not Reported Not Reported 45.6253948 24000	
ower Org. Identifier Formal name		USGS-WA USGS Washington Water S	Science Center		
4 SW 2 - 1 Mile				FED USGS	USGS40001207609
1944-09-01					
Date	Feet below Surface	Feet to Sealevel			
Wellholedept		Not Reported er of Measurements: 1			
Welldepth un		ft	Wellholedepth:	Not Reported	
Construction		19440901	Welldepth:	108	
Aquifer type:		Not Reported			
Formation typ	be:	Quaternary Alluvium			
Aquifername:	•	Not Reported			
Vertcollection Vert coord ref		Interpolated from topograph NGVD29	ic map Countrycode:	US	
Vert accmeas		feet	•		
Vert measure		feet	Vertacc measure val:	5	
Horiz coord re		NAD83	Vert measure val:	40	
Horiz Collecti		Interpolated from map	Henz Allo mousure units.	00001100	
Horiz Acc me	asure:	5	Horiz Acc measure units:	seconds	
Longitude:	ayearea units:	-122.6725973	Sourcemap scale:	45.6253948 24000	
Drainagearea	agearea units:		Contrib drainagearea: Latitude:	Not Reported 45.6253948	
Huc code:		17080001 Not Reported	Drainagearea value:	Not Reported	
Monloc desc:		Not Reported	Proipagooroo voluo	Not Doported	
Monloc type:		Well			
Monloc name	:	02N/01E-27L01			
Monloc Identi		USGS-453732122401701			
Formal name		USGS Washington Water S	Science Center		
Org. Identifier	r:	USGS-WA			
3 SW 2 - 1 Mile ower				FED USGS	USGS4000120760
1949-03-01	36				
Date	Surface	Sealevel			
Ground-wate	-	er of Measurements: 1 Feet to			
Wellholedept		Not Reported	·	·	
Welldepth un		ft	Wellholedepth:	Not Reported	
Construction	date <sup>.</sup>	Not Reported 19010101	Welldepth:	111	

Sourcemap scale:

-122.6725973

Longitude:

24000

Horiz Acc me Horiz Collect Horiz coord r Vert measure Vert accmea Vertcollection Vert coord re Aquifername Formation ty Aquifer type: Construction Welldepth ur Wellholedept Ground-wate	ion method: refsys: e units: sure units: n method: ofsys: : pe: date: nits: th units:	5 Interpolated from NAD83 feet feet Interpolated from NGVD29 Not Reported Quaternary Alluvi Not Reported 19320101 ft Not Reported er of Measuremen	topographic ma um	Horiz Acc measure units: Vert measure val: Vertacc measure val: ap Countrycode: Welldepth: Wellholedepth:	seconds 40 5 US 98 Not Reported	
-	Feet below	Feet to				
Date	Surface	Sealevel				
1973-11-01	35					
15 SW 1/2 - 1 Mile Lower	Deepest Wat	Flow: /ater Table Depth: er Table Depth: er Table Depth:	6618 Not Reported 25 32 Not Reported 10/08/1992		AQUIFLOW	42390
16 East 1/2 - 1 Mile Higher					FED USGS	USGS40001207743
Org. Identifie Formal name Monloc Ident Monloc name Monloc type:	e: ifier: e:	USGS-WA USGS Washingto USGS-45380012 02N/01E-26C01 Well		e Center		
Monloc desc Huc code: Drainageare Contrib drain Longitude: Horiz Acc me Horiz Collect	a Units: agearea units: easure:	Not Reported 17080001 Not Reported Not Reported -122.655097 1 Interpolated from	map	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported Not Reported 45.6331726 24000 seconds	
Horiz coord r Vert measure Vert accmea	efsys: e units: sure units:	NAD83 feet feet Interpolated from		Vert measure val: Vertacc measure val:	150 5	
Vert coord re Aquifername Formation ty Aquifer type:	efsys: : pe:	NGVD29 Not Reported Not Reported Not Reported		Countrycode:	US	
Construction Welldepth ur		19740520 ft Not Reported		Welldepth: Wellholedepth:	146 Not Reported	

	Feet below	Feet to
Date	Surface	Sealevel
1974-06-07	71	

### E17 SW 1/2 - 1 Mile Lower

Org. Identifier:	USGS-WA		
Formal name:	USGS Washington Water Science	e Center	
Monloc Identifier:	USGS-453729122402803		
Monloc name:	02N/01E-27M03		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17080001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	45.6245615
Longitude:	-122.6756529	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic ma	р	
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19280101	Welldepth:	90
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel
4070 44 04	00	

1973-11-01 30

# E18 SW 1/2 - 1 Mile Lower

Huc code:

Longitude:

Org. Identifier: USGS-WA Formal name: USGS Washington Water Science Center Monloc Identifier: USGS-453729122402802 Monloc name: 02N/01E-27M02 Monloc type: Well Not Reported Monloc desc: 17080001 Drainagearea Units: Not Reported Contrib drainagearea units: Not Reported -122.6756529

Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:

Not Reported Not Reported 45.6245615 24000

FED USGS

FED USGS

USGS40001207594

USGS40001207593

TC4597875.2s Page A-21

Horiz Acc measure:	5	Horiz Acc measure units:	seconds	
Horiz Collection method:	Interpolated from map		05	
Horiz coord refsys:	NAD83	Vert measure val:	35	
Vert measure units:	feet	Vertacc measure val:	5	
Vert accmeasure units:	feet			
Vertcollection method:	Interpolated from topographic ma NGVD29		US	
Vert coord refsys:		Countrycode:	05	
Aquifername:	Not Reported			
Formation type:	Not Reported			
Aquifer type: Construction date:	Not Reported 19280101	Welldepth:	90	
Welldepth units:	ft	Wellholedepth:	Not Reported	
Wellholedepth units:	Not Reported		Not Reported	
Ground-water levels, Numb	er of Measurements: 1			
Feet below	Feet to			
Date Surface	Sealevel			
1973-11-01 30				
19				
W 2 - 1 Mile			FED USGS	USGS40001207592
ower				
Org. Identifier:	USGS-WA			
	USGS-WA USGS Washington Water Science	ce Center		
Org. Identifier:	USGS Washington Water Science USGS-453729122402801	ce Center		
Org. Identifier: Formal name: Monloc Identifier: Monloc name:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01	ce Center		
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well	ce Center		
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported			
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001	Drainagearea value:	Not Reported	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported	Drainagearea value: Contrib drainagearea:	Not Reported	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported 45.6245615	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported Not Reported -122.6756529	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:	Not Reported 45.6245615 24000	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported Not Reported -122.6756529 5	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported 45.6245615	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported Not Reported -122.6756529 5 Interpolated from map	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported 45.6245615 24000 seconds	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported Not Reported -122.6756529 5 Interpolated from map NAD83	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val:	Not Reported 45.6245615 24000 seconds 35	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported 45.6245615 24000 seconds	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6245615 24000 seconds 35	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert accmeasure units:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic mat	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6245615 24000 seconds 35 5	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert accmeasure units: Vert collection method: Vert coord refsys:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic map NGVD29	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6245615 24000 seconds 35	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert accmeasure units: Vert collection method: Vert coord refsys: Aquifername:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic mat NGVD29 Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6245615 24000 seconds 35 5	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert accmeasure units: Vert coord refsys: Aquifername: Formation type:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic mat NGVD29 Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6245615 24000 seconds 35 5	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert accmeasure units: Vert coord refsys: Aquifername: Formation type: Aquifer type:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic map NGVD29 Not Reported Not Reported Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: ap Countrycode:	Not Reported 45.6245615 24000 seconds 35 5	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert accmeasure units: Vert collection method: Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic map NGVD29 Not Reported Not Reported Not Reported Not Reported 19280101	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: ap Countrycode: Welldepth:	Not Reported 45.6245615 24000 seconds 35 5 US	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date: Welldepth units:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic map NGVD29 Not Reported Not Reported Not Reported Not Reported 19280101 ft	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: ap Countrycode:	Not Reported 45.6245615 24000 seconds 35 5	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert accmeasure units: Vert collection method: Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic map NGVD29 Not Reported Not Reported Not Reported Not Reported 19280101	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: ap Countrycode: Welldepth:	Not Reported 45.6245615 24000 seconds 35 5 US	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date: Welldepth units:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic ma NGVD29 Not Reported Not Reported Not Reported 19280101 ft Not Reported er of Measurements: 1	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: ap Countrycode: Welldepth:	Not Reported 45.6245615 24000 seconds 35 5 US	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units: Contrib drainagearea units: Longitude: Horiz Acc measure: Horiz Collection method: Horiz coord refsys: Vert measure units: Vert accmeasure units: Vert accmeasure units: Vert collection method: Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date: Welldepth units:	USGS Washington Water Science USGS-453729122402801 02N/01E-27M01 Well Not Reported 17080001 Not Reported -122.6756529 5 Interpolated from map NAD83 feet feet Interpolated from topographic map NGVD29 Not Reported Not Reported Not Reported Not Reported 19280101 ft Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: ap Countrycode: Welldepth:	Not Reported 45.6245615 24000 seconds 35 5 US	

E20 SW 1/2 - 1 Mile Lower

FED USGS USGS40001207597

Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type:	USGS-WA USGS Washington Water Science USGS-453729122402806 02N/01E-27M06 Well	e Center	
Monloc desc:	Not Reported		
Huc code:	17080001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	45.6245615
Longitude:	-122.6756529	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic ma	q	
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported	-	
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19280101	Welldepth:	75
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1 Feet below Feet to Date Surface Sealevel

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-----1973-11-01 30

#### E21 SW 1/2 - 1 Mile Lower

FED USGS USGS4

USGS40001207596

Org. Identifier: Formal name: Monloc Identifier:	USGS-WA USGS Washington Water Scienc USGS-453729122402805	e Center	
Monloc name:	02N/01E-27M05		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	17080001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	45.6245615
Longitude:	-122.6756529	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic ma	ıp	
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type: Construction Welldepth ur	n date:	Not Reported 19280101 ft	Welldepth: Wellholedepth:	90 Not Reported	
Wellholedep		Not Reported	Weinbiedepin.	Not Reported	
		er of Measurements: 1			
Date	Feet below Surface	Feet to Sealevel			
1973-11-01	30				
22 W				FED USGS	USGS4000120759
2 - 1 Mile ower					
Org. Identifie	er:	USGS-WA			
Formal name	e:	USGS Washington Water	Science Center		
Monloc Iden	tifier:	USGS-453729122402804			
Monloc nam	e:	02N/01E-27M04			
Monloc type	:	Well			
Monloc desc	):	Not Reported			
Huc code:		17080001	Drainagearea value:	Not Reported	
Drainageare	a Units:	Not Reported	Contrib drainagearea:	Not Reported	
-	nagearea units:	Not Reported	Latitude:	45.6245615	
Longitude:	0	-122.6756529	Sourcemap scale:	24000	
Horiz Acc m	easure:	5	Horiz Acc measure units:	seconds	
	tion method:	Interpolated from map			
Horiz coord		NAD83	Vert measure val:	35	
Vert measur		feet	Vertacc measure val:	5	
Vert accmea		feet		·	
Vertcollectio		Interpolated from topograp	hic map		
Vert coord re		NGVD29	Countrycode:	US	
Aquifername	•	Not Reported	Country bodde.	00	
Formation ty		Not Reported			
Aquifer type:		Not Reported			
Construction		19280101	Welldepth:	90	
Welldepth ur		ft	Wellholedepth:	Not Reported	
Wellholedep		Not Reported	Weinbiedepin.	Not Reported	
Ground-wate	ar lavals Numb	er of Measurements: 1			
Si ounu-walt	Feet below	Feet to			
Date	Surface	Sealevel			
1973-11-01	30				
23					
W 2 - 1 Mile				FED USGS	USGS4000120761
ower					
Org. Identifie	er:	USGS-WA			
Formal name	e:	USGS Washington Water	Science Center		
Monloc Iden	tifier:	USGS-453732122403601			
Monloc nam	e:	02N/01E-27M08			
Monloc type	:	Well			
Monloc desc	):	Not Reported			
Huc code:		17080001	Drainagearea value:	Not Reported	
Drainageare	a Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drair	nagearea units:	Not Reported	Latitude:	45.6253948	
Lonaitude:	-	-122.6778752	Sourcemap scale:	24000	

Sourcemap scale:

-122.6778752

Longitude:

24000

Horiz Acc measure		5	Horiz Acc measure units:	seconds	
Horiz Collection m		Interpolated from map		40	
Horiz coord refsys:		NAD83	Vert measure val:	42	
Vert measure units		feet	Vertacc measure val:	5	
Vertcollection meth		feet Internalated from topographia	man		
		Interpolated from topographic NGVD29	Countrycode:	US	
Vert coord refsys:			Countrycode:	05	
Aquifername:		Not Reported			
Formation type:		Not Reported			
Aquifer type: Construction date:		Not Reported 19480101	Walldapth	137	
Welldepth units:		ft	Welldepth: Wellholedepth:	Not Reported	
Wellholedepth unit		Not Reported	weinoledeptit.	Not Reported	
Ground-water leve	ls. Numbe	er of Measurements: 1			
	-	Feet to			
Date Surfa		Sealevel			
1949-03-01 22					
24					
<i>N</i> 2 - 1 Mile				FED USGS	USGS4000120760
ower					
Jwei					
Org. Identifier:		USGS-WA			
Org. Identifier: Formal name:		USGS-WA USGS Washington Water Sci	ence Center		
Org. Identifier:	l l	USGS Washington Water Sci USGS-453730122403701	ence Center		
Org. Identifier: Formal name: Monloc Identifier: Monloc name:	ן נ נ	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07	ence Center		
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type:		USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well	ence Center		
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc:		USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported			
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code:		USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001	Drainagearea value:	Not Reported	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit:	( ( ) 5: 1	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported		Not Reported	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear	( ( ) s: 1 ea units: 1	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported 45.6248392	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude:	( ( ) s:   ea units:	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported Not Reported -122.6781529	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:	Not Reported 45.6248392 24000	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure	( ( ) s:   ea units:   - -	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported Not Reported -122.6781529 5	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported 45.6248392	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection me	s:   ea units:   .: ( ethod:	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported Not Reported -122.6781529 5 Interpolated from map	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported 45.6248392 24000 seconds	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection me Horiz coord refsys:	s: I ea units: I : - : - ethod: I	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val:	Not Reported 45.6248392 24000 seconds 38	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection me Horiz coord refsys: Vert measure units	s: [ ea units: ] : { ethod: ] ; f	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported 45.6248392 24000 seconds	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection me Horiz coord refsys: Vert measure units Vert accmeasure u	s: f nits: f	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6248392 24000 seconds 38	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection me Horiz coord refsys: Vert measure units Vert accmeasure u	s: [ ea units: ] ethod: ] : f nits: f	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map	Not Reported 45.6248392 24000 seconds 38 5	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection me Horiz coord refsys: Vert measure units Vert accmeasure u Vertcollection meth	s:   ea units:   ethod:   : f nits: f nod:	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6248392 24000 seconds 38	
Org. Identifier: Formal name: Monloc Identifier: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection met Horiz coord refsys: Vert measure units Vert accmeasure u Vertcollection meth Vert coord refsys: Aquifername:	s:   ea units:   ethod:   : f nits: f nod:	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29 Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map	Not Reported 45.6248392 24000 seconds 38 5	
Org. Identifier: Formal name: Monloc Identifier: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Units Contrib drainagear Longitude: Horiz Acc measure Horiz Collection met Horiz coord refsys: Vert measure units Vert accmeasure u Vertcollection met Vert coord refsys: Aquifername: Formation type:	s:   ea units:   ethod:   : f nits: f nod:	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29 Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map	Not Reported 45.6248392 24000 seconds 38 5	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection methor Vert measure units Vert accmeasure u Vert coord refsys: Aquifername: Formation type: Aquifer type:	s:   ea units:   ethod:   : f nits: f nod:     	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29 Not Reported Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map Countrycode:	Not Reported 45.6248392 24000 seconds 38 5 US	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection met Horiz coord refsys: Vert measure units Vert accmeasure u Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date:	s: f ea units: f eathod: f nits: f nod: f	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29 Not Reported Not Reported Not Reported Not Reported 19470331	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map Countrycode: Welldepth:	Not Reported 45.6248392 24000 seconds 38 5 US	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection me Horiz coord refsys: Vert measure units Vert accmeasure u Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date: Welldepth units:	s: f ea units: f eathod: f nits: f nod: f	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29 Not Reported Not Reported Not Reported 19470331 ft	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map Countrycode:	Not Reported 45.6248392 24000 seconds 38 5 US	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection me Horiz coord refsys: Vert measure units Vert accmeasure u Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date:	s: f ea units: f eathod: f nits: f nod: f	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29 Not Reported Not Reported Not Reported Not Reported 19470331	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map Countrycode: Welldepth:	Not Reported 45.6248392 24000 seconds 38 5 US	
Org. Identifier: Formal name: Monloc Identifier: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection met Horiz coord refsys: Vert measure units Vert accmeasure u Vert collection meth Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date: Welldepth units:	s: I ea units: I ethod: I nits: f nod: I r f s: I	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29 Not Reported Not Reported Not Reported 19470331 ft	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map Countrycode: Welldepth:	Not Reported 45.6248392 24000 seconds 38 5 US	
Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc: Huc code: Drainagearea Unit: Contrib drainagear Longitude: Horiz Acc measure Horiz Collection met Horiz coord refsys: Vert measure units Vert accmeasure u Vert collection mett Vert coord refsys: Aquifername: Formation type: Aquifer type: Construction date: Welldepth units: Wellholedepth unit	s: I ea units: I ethod: I nits: f nod: I s: I s: I s, Numbe	USGS Washington Water Sci USGS-453730122403701 02N/01E-27M07 Well Not Reported 17080001 Not Reported -122.6781529 5 Interpolated from map NAD83 feet feet Interpolated from topographic NGVD29 Not Reported Not Reported Not Reported 19470331 ft Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: map Countrycode: Welldepth:	Not Reported 45.6248392 24000 seconds 38 5 US	

25 WSW 1/2 - 1 Mile Lower

FED USGS USGS40001207618

Org. Identifier: Formal name: Monloc Identifier: Monloc name: Monloc type: Monloc desc:	USGS-WA USGS Washington Water Science USGS-453735122404801 02N/01E-27M09 Well CARDS GENERATED	e Center	
Huc code:	17080001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	45.6262281
Longitude:	-122.6812086	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	42
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic ma	ар	
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19570510	Welldepth:	128
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

#### 26 East 1/2 - 1 Mile Higher

FED USGS USGS400

USGS40001207750

Org. Identifier:	USGS-WA			
Formal name:	USGS Washington Water Science Center			
Monloc Identifier:	USGS-453801122390001			
Monloc name:	02N/03E-35B01			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	17080001	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	45.6334505	
Longitude:	-122.651208	Sourcemap scale:	24000	
Horiz Acc measure:	1	Horiz Acc measure units:	seconds	
Horiz Collection method:	Interpolated from map			
Horiz coord refsys:	NAD83	Vert measure val:	350	
Vert measure units:	feet	Vertacc measure val:	5	
Vert accmeasure units:	feet			
Vertcollection method:	Interpolated from topographic ma	ар		
Vert coord refsys:	NGVD29	Countrycode:	US	
Aquifername:	Not Reported			
Formation type:	Not Reported			
Aquifer type:	Not Reported			
Construction date:	19730828	Welldepth:	160	
Welldepth units:	ft	Wellholedepth:	Not Reported	
Wellholedepth units:	Not Reported	•		

Ground-wate	r levels, Numl	per of Measurements: 1
	Feet below	Feet to
Date	Surface	Sealevel
1973-08-28	120	

# 27 NE 1/2 - 1 Mile Higher

grier				
Org. Identifier:	USGS-WA			
Formal name:	USGS Washington Water Science Center			
Monloc Identifier:	USGS-453822122390801			
Monloc name:	05N/01E-26F01			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	17080002	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	45.6392837	
Longitude:	-122.6534304	Sourcemap scale:	24000	
Horiz Acc measure:	1	Horiz Acc measure units:	seconds	
Horiz Collection method:	Interpolated from map			
Horiz coord refsys:	NAD83	Vert measure val:	600	
Vert measure units:	feet	Vertacc measure val:	1	
Vert accmeasure units:	feet			
Vertcollection method:	Interpolated from topographic ma	p		
Vert coord refsys:	NGVD29	Countrycode:	US	
Aquifername:	Not Reported			
Formation type:	Not Reported			
Aquifer type:	Not Reported			
Construction date:	19741028	Welldepth:	157	
Welldepth units:	ft	Wellholedepth:	Not Reported	
Wellholedepth units:	Not Reported			

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1974-10-28	120	

### 28 WSW 1/2 - 1 Mile Lower

Org. Identifier:

Formal name:

Monloc name:

Monloc type:

Monloc desc:

Huc code:

Longitude:

Monloc Identifier:

USGS-WA USGS Washington Water Science Center USGS-453737122405601 02N/01E-28J01 Well Not Reported 17080001 Drainagearea Units: Not Reported Contrib drainagearea units: Not Reported -122.6834309

Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:

Not Reported Not Reported 45.6267836 24000

FED USGS

FED USGS

USGS40001207836

USGS40001207623

	measure:	5	Horiz Acc measure units:	seconds	
	ection method:	Interpolated from map NAD83	Vert measure val:	42	
Horiz coor Vert meas	,	feet	Vert measure val: Vertacc measure val:	42 5	
	leasure units:	feet	venacc measure val.	5	
	tion method:	Interpolated from topographi	c map		
Vert coord		NGVD29	Countrycode:	US	
Aquifernar		Not Reported	Countrycode.	00	
Formation		Not Reported			
Aquifer typ		Not Reported			
Constructi		19340101	Welldepth:	82	
Welldepth		ft	Wellholedepth:	Not Reported	
	epth units:	Not Reported			
Ground-wa	ater levels, Numb	per of Measurements: 1			
	Feet below	Feet to			
Date	Surface	Sealevel			
1949-03-0	)1 20				
SW 2 - 1 Mile				FED USGS	USGS4000120762
ower					
Org. Identi		USGS-WA			
Formal na	ime:	USGS Washington Water So	cience Center		
Formal na Monloc Ide	ime: entifier:	USGS Washington Water So USGS-453737122410101	cience Center		
Formal na Monloc Ide Monloc na	ime: entifier: ame:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02	cience Center		
Formal na Monloc Ide Monloc na Monloc typ	nme: entifier: ame: pe:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well	cience Center		
Formal na Monloc Ide Monloc na Monloc typ Monloc de	nme: entifier: ame: pe: esc:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported			
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code:	ime: entifier: ame: pe: ssc: :	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001	Drainagearea value:	Not Reported	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea	ame: entifier: ame: pe: esc: area Units:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported	Drainagearea value: Contrib drainagearea:	Not Reported	
Formal na Monloc Ida Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra	ame: entifier: ame: pe: esc: area Units: ainagearea units:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported 45.6267836	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude:	ame: entifier: ame: pe: esc: area Units: ainagearea units: :	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported Not Reported -122.6848198	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale:	Not Reported 45.6267836 24000	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc	ame: entifier: ame: pe: esc: area Units: ainagearea units: : measure:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported Not Reported -122.6848198 5	Drainagearea value: Contrib drainagearea: Latitude:	Not Reported 45.6267836	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle	ame: entifier: ame: pe: esc: area Units: ainagearea units: : measure: ection method:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported 45.6267836 24000 seconds	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor	ame: entifier: ame: pe: esc: area Units: ainagearea units: : measure: ection method: rd refsys:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val:	Not Reported 45.6267836 24000 seconds 39	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas	ame: entifier: ame: pe: esc: area Units: ainagearea units: : measure: ection method: rd refsys: sure units:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units:	Not Reported 45.6267836 24000 seconds	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm	ame: entifier: ame: pe: esc: area Units: ainagearea units: : measure: ection method: rd refsys: sure units: ieasure units:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6267836 24000 seconds 39	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: cainagearea units: measure: ection method: rd refsys: sure units: heasure units: tion method:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map	Not Reported 45.6267836 24000 seconds 39 5	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: cainagearea units: measure: ection method: rd refsys: ueasure units: tion method: d refsys:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val:	Not Reported 45.6267836 24000 seconds 39	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord Aquifernar	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: cainagearea units: measure: ection method: rd refsys: sure units: tion method: d refsys: me:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map	Not Reported 45.6267836 24000 seconds 39 5	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord Aquifernar Formation	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: cainagearea units: measure: ection method: d refsys: tion method: d refsys: me: etype:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map	Not Reported 45.6267836 24000 seconds 39 5	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord Aquifernar Formation Aquifer typ	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: ainagearea units: card refsys: sure units: tion method: d refsys: me: o type: pe:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode:	Not Reported 45.6267836 24000 seconds 39 5 US	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord Aquifernar Formation Aquifer typ Constructi	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: imeasure: ection method: rd refsys: sure units: tion method: d refsys: me: etype: pe: ion date:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported Not Reported 19010101	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode: Welldepth:	Not Reported 45.6267836 24000 seconds 39 5 US	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord Aquifernar Formation Aquifer typ Constructi Welldepth	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: imeasure: ection method: rd refsys: sure units: tion method: d refsys: me: etype: pe: ion date:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported Not Reported Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode:	Not Reported 45.6267836 24000 seconds 39 5 US	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord Aquifernar Formation Aquifer typ Constructi Welldepth Wellholede	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: ameasure: ection method: d refsys: met units: tion method: d refsys: me: etype: pe: ion date: units: epth units:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported 19010101 ft Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode: Welldepth:	Not Reported 45.6267836 24000 seconds 39 5 US	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord Aquifernar Formation Aquifer typ Constructi Welldepth Wellholede	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: ameasure: ection method: rd refsys: sure units: tion method: d refsys: me: of type: pe: ion date: of units: epth units: ater levels, Numb	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported 19010101 ft Not Reported Source of Measurements: 1	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode: Welldepth:	Not Reported 45.6267836 24000 seconds 39 5 US	
Formal na Monloc Ide Monloc na Monloc typ Monloc de Huc code: Drainagea Contrib dra Longitude: Horiz Acc Horiz Colle Horiz coor Vert meas Vert accm Vert coord Aquifernar Formation Aquifer typ Constructi Welldepth Wellholede	ame: entifier: ame: pe: esc: area Units: ainagearea units: ainagearea units: ameasure: ection method: d refsys: met units: tion method: d refsys: me: etype: pe: ion date: units: epth units:	USGS Washington Water So USGS-453737122410101 02N/01E-28J02 Well Not Reported 17080001 Not Reported -122.6848198 5 Interpolated from map NAD83 feet feet Interpolated from topographi NGVD29 Not Reported Not Reported Not Reported 19010101 ft Not Reported	Drainagearea value: Contrib drainagearea: Latitude: Sourcemap scale: Horiz Acc measure units: Vert measure val: Vertacc measure val: c map Countrycode: Welldepth:	Not Reported 45.6267836 24000 seconds 39 5 US	

30 North 1/2 - 1 Mile Higher

FED USGS USGS40001207943

Org. Identifier: Formal name: Monloc Identifier: Monloc name:	USGS-WA USGS Washington Water Science USGS-453848122400501 02N/01E-22B01 Well	e Center	
Monloc type: Monloc desc:	Not Reported		
Huc code:	17080001	Drainagearea value:	Not Reported
Drainagearea Units: Contrib drainagearea units:	Not Reported	Contrib drainagearea: Latitude:	Not Reported 45.6465057
Longitude:	-122.6692642	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	210
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic ma	ар	
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19650225	Welldepth:	285
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1 Feet below Feet to Date Surface Sealevel

1965-04-01 205

### G31 ENE 1/2 - 1 Mile Higher

Org. Identifier:

Formal name:

Monloc name: Monloc type:

Monloc desc:

Huc code:

Longitude:

Vertcollection method:

Vert coord refsys:

Aquifername:

Formation type:

Monloc Identifier:

USGS-WA USGS Washington Water Science Center USGS-453808122384801 02N/01E-23Q03 Well Not Reported 17080001 Drainagearea value: Not Reported Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Contrib drainagearea units: Not Reported 45.6353949 Latitude: -122.6478747 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds 1 Horiz Collection method: Interpolated from map

Countrycode:

NAD83 Vert measure val: 221.5 Horiz coord refsys: Vert measure units: feet Vertacc measure val: 0.5 Vert accmeasure units: feet

Level or other surveying method

NGVD29

Not Reported

Quaternary Alluvium

FED USGS

US

USGS40001207773

Aquifer type: Construction Welldepth uni Wellholedepth	its:	Not Reported 19381116 ft Not Reported	Welldepth: Wellholedepth:	280 Not Reported	
Ground-water		ber of Measurements: 1			
	Feet below	Feet to			
Date	Surface	Sealevel			
1938-11-16	216				
32 NE 2 - 1 Mile igher				WA WELLS	WA80000001818
Fid:		18186	Lerootid:	66950	
Srcrootid:		27781	Pwsid:	91200	
Srcnum:		15	Pwssrcid:	9120015	
Systemname		VANCOUVER, CITY OF	Systemgrou:	A	
Systemtype:		Comm	Region:	SW	
County:		CLARK	Smaid:	Not Reported	
Ftrespopul:		231000	Resconnect:	96805	
Totalconne:		100266	Srcname:	WS #1 WELL #2 WW	
Srctype:		WW	Srcusecode:	P	
Srcwelldep:		280	Township:	02	
Range :		01E	Section:	23	
Qtrqtrsect:		SWSE	Section.	25	
Longitude:		-122.647713			
Latitude:		45.635411			
		45.655411 GPS	Croquesenti	Н	
Latlongmet:		H	Srcsuscept: Srcvulnvoc:	Н	
Srcvulnioc:					
Srcvulnsoc:		U O	Doewelltag:	Not Reported 0	
Srctot6mo:		0	Srctot1yr:		
Srctot5yr:			Srctot10yr:	0	
Protection:		Model	Pricontact:	3604878275	
Priconta 1:		Not Reported	Priconta 2:	PO BOX 1995	
Priconta 3:		VANCOUVER	Priconta 4:	WA	
Priconta 5:		986681995			
Priconta 6:		tim.brace@cityofvancouver.us	<b>B</b>		
Pwseffecti:		01-JAN-70	Pwsstatusi:	A	
Pwsinactiv:		Not Reported	Srcstatusi:	A	
Srceffecti:		01-JAN-70	Srcinactiv:	Not Reported	
Floodzonei:		Ν	Priconta 7:	TIM BRACE	
Srcswinflu:		Ν	Latlongdat:	09-SEP-04	
Site id:		WA800000018187			

### AREA RADON INFORMATION

Federal EPA Radon Zone for CLARK County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L. : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 98663

#### Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	7.100 pCi/L	80%	0%	20%

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Department of Ecology

Telephone: 360-407-6121

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

#### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS) This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

Water Wells Source: Department of Health Telephone: 360-236-3148 Group A and B well locations.

Water Well Listing Source: Public Utility District Telephone: 206-779-7656 A listing of water well locations in Kitsap County.

#### OTHER STATE DATABASE INFORMATION

Oil and Gas Well Listing Source: Department of Natural Resources Telephone: 360-902-1450 Locations that represent oil and gas test well sites in Washington State from 1890 to present.

### RADON

Area Radon Information Source: USGS Telephone: 703-356-4020 The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones Source: EPA Telephone: 703-356-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

#### OTHER

Airport Landing Facilities: Private and public use landing facilities Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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East Mill Plain Center 400 East Mill Plain Blvd. Vancouver, WA 98663

Inquiry Number: 4597875.3 April 20, 2016

# **Certified Sanborn® Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

Site Name:	Client Name:	
East Mill Plain Center	Coles & Betts Environmental Consulting L	a
400 East Mill Plain Blvd.	750 South Rosemont Rd	
Vancouver, WA 98663	West Lynn, OR 97068	e
EDR Inquiry # 4597875.3	Contact: Jill Betts	
Environmental Consulting LLC were iden insurance maps. The collection includes Data Resources Inc. (EDR) is authorized holder for the collection. Results can be	by EDR and maps covering the target property location as provide tified for the years listed below. The Sanborn Library is the largest maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, to grant rights for commercial reproduction of maps by the Sanbo authenticated by visiting www.edrnet.com/sanborn. ced with newly identified map archives. This report accesses all m	, most complete collection of fi and others. Only Environment rn Library LLC, the copyright

#### Certified Sanborn Results:

Certification #	737D-4499-B117		
PO #	6000		
Project	East Mill Plain UICs		

#### Maps Provided:

1966	
1949	
1928	
1911	
1907	



The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress
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 EDR Private Collection

The Sanborn Library LLC Since 1866™

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### Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### **1966 Source Sheets**





Volume 1, Sheet 21 1966



Volume 1, Sheet 22 1966



Volume 1, Sheet 27 1966

### **1949 Source Sheets**

1966

1949





Volume 1, Sheet 22 1949



Volume 1, Sheet 27 1949





Volume 1, Sheet 21 1928



Volume 1, Sheet 22 1928

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Volume 1, Sheet 27 1928





Volume 1, Sheet 15 1911



Volume 1, Sheet 20 1911

### Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### **1907 Source Sheets**

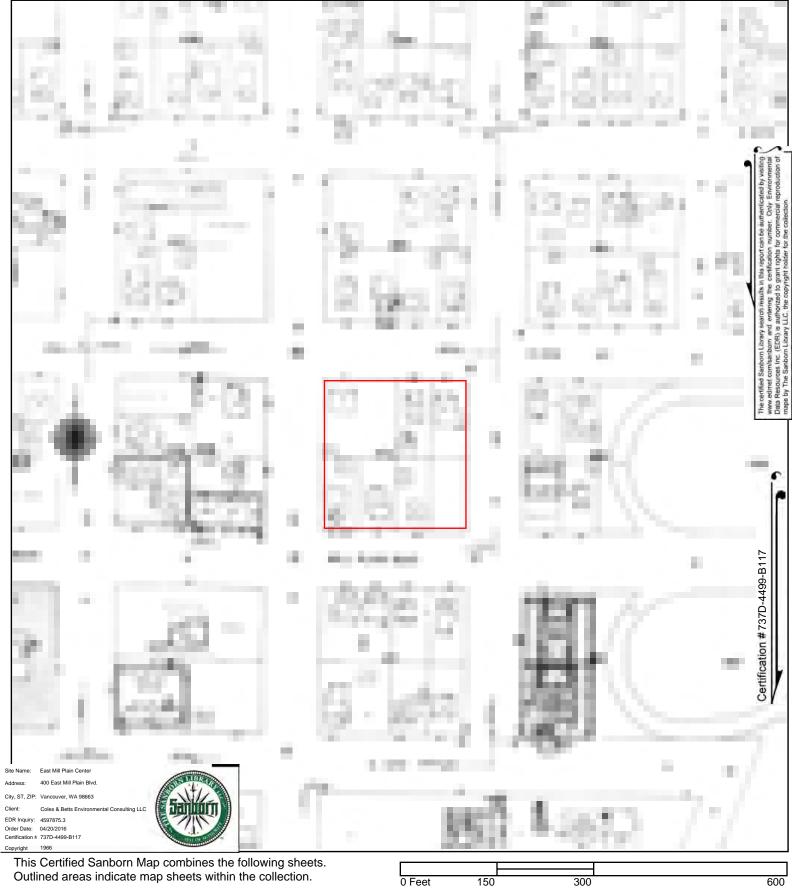




Volume 1, Sheet 15 1907

Volume 1, Sheet 20 1907

**Certified Sanborn® Map** 









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1966

# **Certified Sanborn® Map**



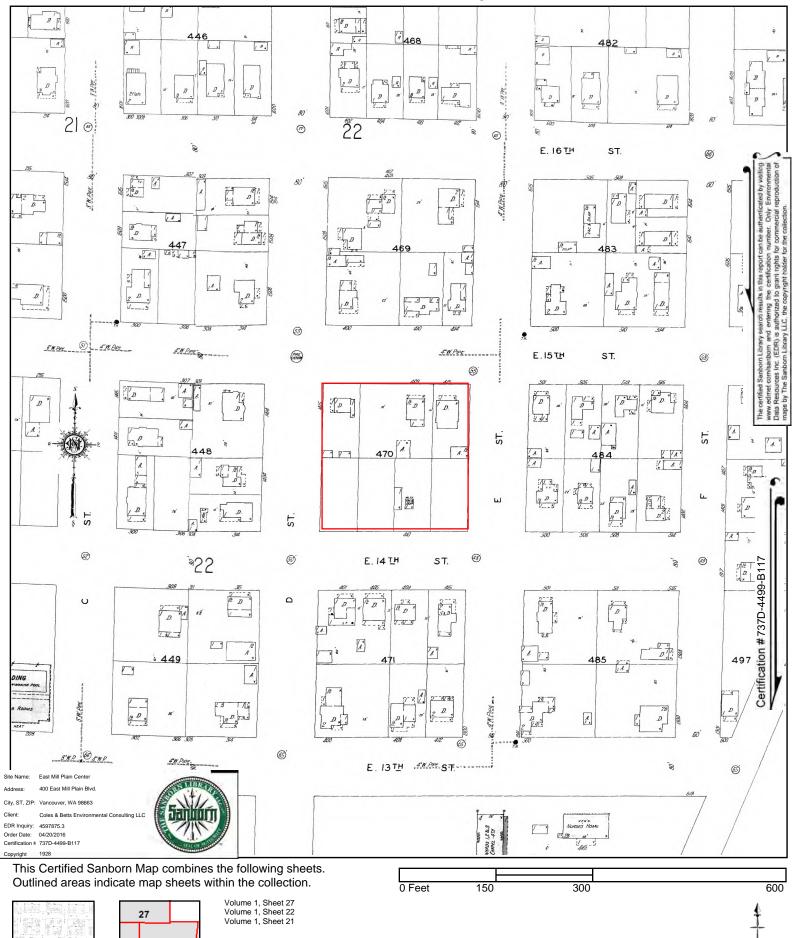
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1949

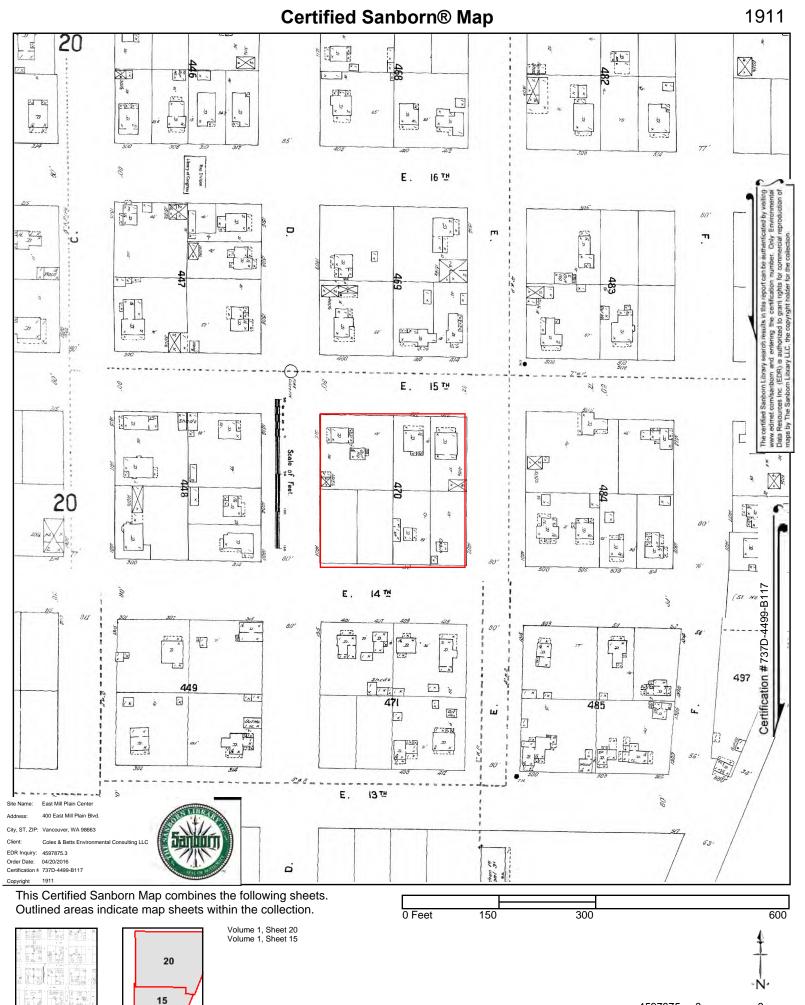
# **Certified Sanborn® Map**



21

22

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page 8

**Certified Sanborn® Map** 







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1907

### **East Mill Plain Center**

400 East Mill Plain Blvd. Vancouver, WA 98663

Inquiry Number: 4597875.5 April 21, 2016

# The EDR-City Directory Image Report



6 Armstrong Road Shelton, CT 06484 800.352.0050 www.edrnet.com

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#### **SECTION**

**Executive Summary** 

Findings

**City Directory Images** 

*Thank you for your business.* Please contact EDR at 1-800-352-0050 with any questions or comments.

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### **EXECUTIVE SUMMARY**

#### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

#### **RESEARCH SUMMARY**

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	Cross Street	<u>Source</u>
2013	$\checkmark$		Cole Information Services
2008	$\checkmark$		Cole Information Services
2003	$\checkmark$		Cole Information Services
1999	$\checkmark$		Cole Information Services
1995	$\checkmark$		Cole Information Services
1992	$\checkmark$		Cole Information Services
1986	$\checkmark$		Polk's City Directory
1981	$\checkmark$		Polk's City Directory
1976	$\checkmark$		Polk's City Directory
1971	$\checkmark$		Polk's City Directory
1966	$\checkmark$		Polk's City Directory
1963	$\checkmark$		Polk's City Directory
1958	$\checkmark$		Polk's City Directory

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## **FINDINGS**

#### TARGET PROPERTY STREET

400 East Mill Plain Blvd. Vancouver, WA 98663

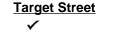
<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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2013	pg A2	Cole Information Services
2008	pg A4	Cole Information Services
2003	pg A6	Cole Information Services
1999	pg A8	Cole Information Services
1995	pg A9	Cole Information Services
1992	pg A10	Cole Information Services
1986	pg A11	Polk's City Directory
1981	pg A12	Polk's City Directory
1981	pg A13	Polk's City Directory
1976	pg A14	Polk's City Directory
1971	pg A15	Polk's City Directory
1971	pg A16	Polk's City Directory
1966	pg A17	Polk's City Directory
1963	pg A18	Polk's City Directory
1958	pg A19	Polk's City Directory
1958	pg A20	Polk's City Directory

## FINDINGS

#### **CROSS STREETS**

No Cross Streets Identified

**City Directory Images** 

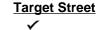


Source Cole Information Services

2013

# E MILL PLAIN BLVD

108	ANDERSEN CRAIG S
	BRATT DOUGLAS J
	DALTON NICOLE T
	MORSE BRATT ANDREWS & FOSTER PLLC
	MORSE JOHN D
136	PAPA JOHNS PIZZA
210	VANCOUVER CHEVRON USA
	WINCHESTER LOCKSMITH CO
307	ANDERSON EMERGENCY LOCKSMITH
	MUNICIPAL LOCKSMITH
308	RAPID REFILL
312	CORNELIUS TERRY
316	WESTSIDE PIZZA
400	AA CONSTRUCTION CO
	COLUMBIA BANK
	FEDERAL BUREAU OF INVESTIGATION
	METLIFE HOME LOANS
	NW TAX ADVISORY GROUP
	UNITED STATES GOVERNMENT
409	OCCUPANT UNKNOWN
415	CANO REAL ESTATE
	SELLERS LAW OFFICE
501	ANDREA ECHIBURU
	JASON STINSON
	KELLY HELENBERG
	KRISTEN ADAMS
	TERRY MEYERS
	TOBY ALLEN
	WAYNE BRAND
1007	FVRL FOUNDATION
	LIBRARIES PUBLIC
1301	FORT VANCOVER LITTLE LEAGUE
1812	OCCUPANT UNKNOWN
1815	JAMES TAUTFEST
1905	JOHN ZETTEL
	RANDEL MILLER
1909	CASEY SLOTH
1914	AMBER WOOLLEY
	DONALD PADDOCK
	MARY SEALS
	ROB VANMEAR
	WILLIAM NUGENT
1920	CHAOTIC CHOCOLATE
2000	ALEKSEY AFANASYEV
	DAVID KLUCK
	ESTHER GAMA
	G ALDEN
	JOSE TENECELA
	LORELEI DATTAN
	MARIA FLORES-CRUZ



Source Cole Information Services

(Cont'd)

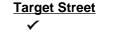
2013

### E MILL PLAIN BLVD

-

- 2000 MARLON MUNOZ PAUL HERNANDEZ RAISA YOUNGBLOOD REX WILSON ROBIN ESPINOZA WENDY SCHWANCT WENDY STENSRUDE
   2001 RICHARD BEATTY
   2008 BRUCE WATSON
   2009 OCCUPANT UNKNOWN
- 2012 OCCUPANT UNKNOWN

4597875.5 Page: A3

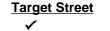


Source Cole Information Services

2008

# E MILL PLAIN BLVD

108	FSM INVESTMENTS LLC
	MORSE BRATT & ANDERSEN PLLC
	NORTHWEST CRAFTERS MARKETPLACE
	RANDALL STEWART
200	JESSICA RYCHTARIK
202	SENIOR MESSENGER
210	CHV BLUE GOOSE MARKET II
210	VANCOUVER CHEVRON
260	RITCHIE MOHR
307	HOLLAND INC THE
312	TERRY CORNELIUS
315	SAMS AUTO REPAIR
316	GEORGE TAKADA
010	WESTSIDE PIZZA
409	MATILDA GUHR
415	ALFRED BENNETT
415	BURLWOOD HOMEOWNERS ASSOCIATION
	MARK ZOLLER LLC
	SELLERS & JACOBS
	SELLERS LAW OFFICE
501	BILLY SHAFFER
301	JASON STINSON
	JHON ROHAN
	JON BOWEN
	LAKEYA MCGEE
	LYNN SABIN
	MICHELLE LINDSTROM
	NATHANIEL MACKEY
	PAT ELEDGE
	RICH SIGLER
	SHANNON EVANS
4007	
1007	FORT VANCOUVER REGIONAL LIBRARY DIST
4040	
1812	
	HAMILTON MAYS
4045	WALTER JOHNSON
1815	CRISTAL MORRIS
4040	MICHAEL ASPLUND
1818	ADS LOGISTICS LLC
1905	MICHAEL GIBSON
1909	AIMEE JOSEPHSEN
	PANTECHNIKA
1910	M DUNCON
1914	AMBER WOOLLEY
	DAVID HASTEDT
	MARTA VARGAS
	WILLIAM NUGENT



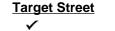
Source Cole Information Services

# E MILL PLAIN BLVD

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2008 (Cont'd)

<ul><li>2001 JOHN GOLDBECK</li><li>2008 BRUCE WATSON</li><li>2009 GARY CAMPBELL</li><li>2012 SALLY BENNETT</li></ul>	2000	AKILINO ISAAC ALEKSEY AFANASYEV ALEXANDRIA JOHNSON BEN OWENS-WELCH BRETT SMYTHE CAMPUS PARK APTS CRISTINA STENSRUDE DERYL FEIMSTER GARY OOTEN IVAN JULCHA JEFFREY WIGEN JOEL SINNHUBER LARRY HOLTER LDRAY EYLER MARIA RAMIREZ PAUL HERNANDEZ PECK PRAVISAY RON BISHOP SARA STANGER SCOTT RAFN SHANE BOWERS SHEENA FAWCETT SUSAN SHERMAN T JACKSON TIM MOFFET TRAVIS BECK
	2008	BRUCE WATSON

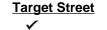


Source Cole Information Services

2003

# E MILL PLAIN BLVD

108	COLDWELL BANKER
	COLDWELL BANKER COMMERCIAL BOB
	COLDWELL VBANKER CMRCL BOB
	HAROLD BENSON
202	SENIOR MESSENGER
202	VANCOUVER CITY OF SENIOR MSNGR
210	VANCOUVER CHEVRON USA
308	CLARK COUNTY TITLE CO
308	STATE FARM INSURANCE CO
312	TERRY CORNELIUS
	TERRY CRNL STATE FARM INSRNC
316	DEVIATE DESIGN
310	
400	
400	DENNYS INC
400	DENNYS RESTAURANT
409	
415	COLUMBIA RIVER MNGMNT SRVC I
	CROWN EQUITIES INC
	INTERSTATE APPRAISAL INC
	JAMES SELLERS
	MARK ZOLLER
	SELLERS & JACOBS
	ZOLLER M H CO
501	CARL JACOBSEN
	IRIS RAFF
	JENNIFER RAPIER
	NATHANIEL MACKEY
	RICHARD JACOX
	ROBERT CARMICHIEL
1007	FORT VANCOUVER REG LIBRARY
	IRA WALTERS
	LIBRARIES PUB FORT VNCVR REGL
1812	CAROL PREIST
1815	SARAH LEMOS
	SHEILA NEWCOMBE
1905	BRYAN KEOGH
	DAVID CHASTAIN
1910	JEFF STAATS
	STAATS MECHANICAL & MNTNNC
1914	DAVID HASTEDT
	MICHAEL MILLER
	WILLIAM NUGENT
2000	ALEKSEY AFANASYEV
	AMANDA SHERRER
	CARY CHANTRILL
	CONNIE BOFFORD
	CRYSTAL HAZEN
	ELLIS DANIEL
	JESSICA RYCHTARIK
	JOSHUA JENSEN



Source Cole Information Services

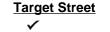
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2003

## E MILL PLAIN BLVD

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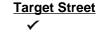
2000 KAREN GUSTAFSON L CARSON MATTHEW LEMON NERMIN BEJTIC PAMELA DAVIS PAUL DEMING PRAVEEN DEWAN RANDY BISHOP **RICHARD HAAS** SAVA ONN SEAN SULLIVAN TO NGUYEN TRAVIS BECK TRAVIS DECK 2001 JOHN GOLDBECK 2008 **BRUCE WATSON** 2009 GARY CAMPBELL



Source Cole Information Services

# E MILL PLAIN BLVD 1999

108	COLDWELL BANKER COMMERCIAL BOB BERNHARDT ASSOCIATES INCORPOR
210	VANCOUVER CHEVRON USA
307	BURGERVILLE USA
312	CORNELIUS TERRY LYLE INS
	STATE FARM INSURANCE COMPAN
400	DENNYS RESTAURANT
409	E GUHR
415	ATLANTIC WEST MORTGAGE
	CAULKINGS SUSAN L ATTORNEY
	DIAMOND HOME SALES
	RAINY RIVER FOREST PRODUCTS
	ZOLLER M H COMPANY
501	CARL JACOBSEN
	N MACKEY
	ROBERT CARMICHIEL
871	FAMILY MEDCN OF SOUTHWEST WASHINGTON ADVISE NUR
	FAMILY MEDCN OF SOUTHWEST WASHINGTON BUS OFFICE
	FAMILY MEDCN OF SOUTHWEST WASHINGTON PHARM LINE
1007	LIBRARIES PUBLIC
	LIBRARIES PUBLIC BRANCH LIBRARIES
	LIBRARIES PUBLIC FORT VANCOUVER REGIONAL
	LIBRARIES PUBLIC FORT VANCOUVER REGIONAL LIBRARY
	LIBRARIES PUBLIC MAIN LIBRARY
1812	CHARLES PETTIT
1815	STEVE CHASE
1817	JAMES CHESLEY
1905	K PARMENTER
1914	DONALD PADDOCK
	WILLIAM NUGENT
2000	BO STOUT
	BOB MCCAULEY
	CAMPUS PARK APARTMENTS
	CHRISTI HENNESSY
	ENIS HASKIC
	HYUN KWON
	IGOR PUSTOVIT
	JEFF HOKANSON
	LJUBICA SURTOV
	RANDY BISHOP
	ROBERT MOURTON
	SENAD BRKIC
	TIM GUYETT
	TIM MOSBRUCKER
2008	BRUCE WATSON
2009	GARY CAMPBELL

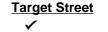


Source Cole Information Services

1995

# E MILL PLAIN BLVD

108	FIRST AMERICAN TITLE INS CO
210	VANCOUVER CHEVRON USA
307	BURGERVILLE USA
308	SIGNAL GRAPHICS PRINTING
312	STATE FARM INSURANCE
400	DENNYS
409	GUHR, E A
415	BOISE CASCADE CORP
	INTERSTATE APPRAISAL
	M H ZOLLER CO
	SOPREMA ROOFING & WTRPRFNG INC
	STATE PIPE & SUPPLY CO
504	
501	CARMICHIEL, ROBERT C
	POWDERS, DAVID
	TAYLOR, FRANK
1007	WANSER, ROBERT FORT VANCOUVER REGIONAL LBRY
1815	JUSTICE, HARRIET
1015	SAHIM, DANETTE M
1817	OCCUPANT UNKNOWNN
1905	CURRAH, KAREN
1000	WILSON, JANENE
1910	LENGVENIS, RICHARD
1914	MCBAIN, C N
	PADDOCK, DONALD
	VANVOLKENBURG, F
2000	BROWN, DAN
	CAMPBELL, BRIAN D
	CANNELL, J
	COMPTON, BOBBY
	CORONELL, RAY
	DAVIS, RHONDA
	DOYLE, B
	GARMOE, VICKI
	GATELY, MICHAEL S
	GUYETT, TIM
	JONES, REGGIE
	MATTSON, JOSH
	PEARSON, WARREN
	RUSH, K
	TRAN, TRI
	TROEH, MARY
	TYLER, SEAN
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2009	
2012	WOJCIECHOWSKI, JOHN



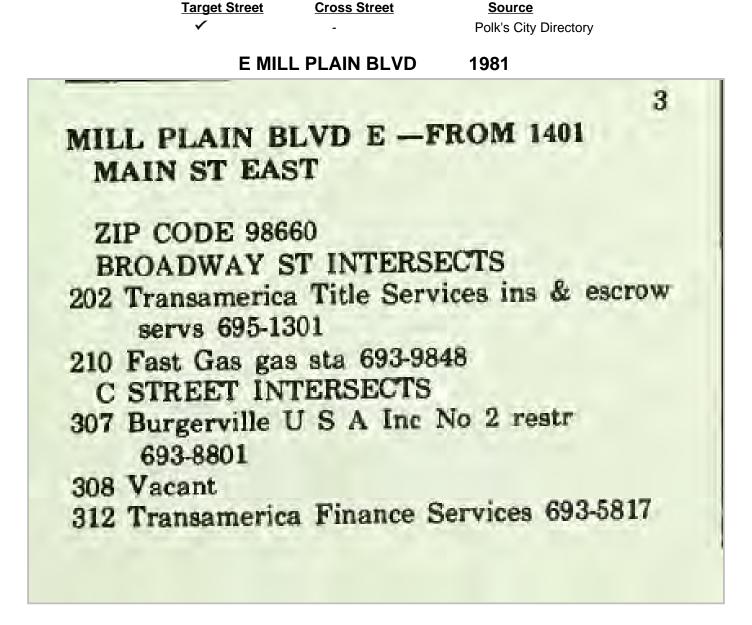
Source Cole Information Services

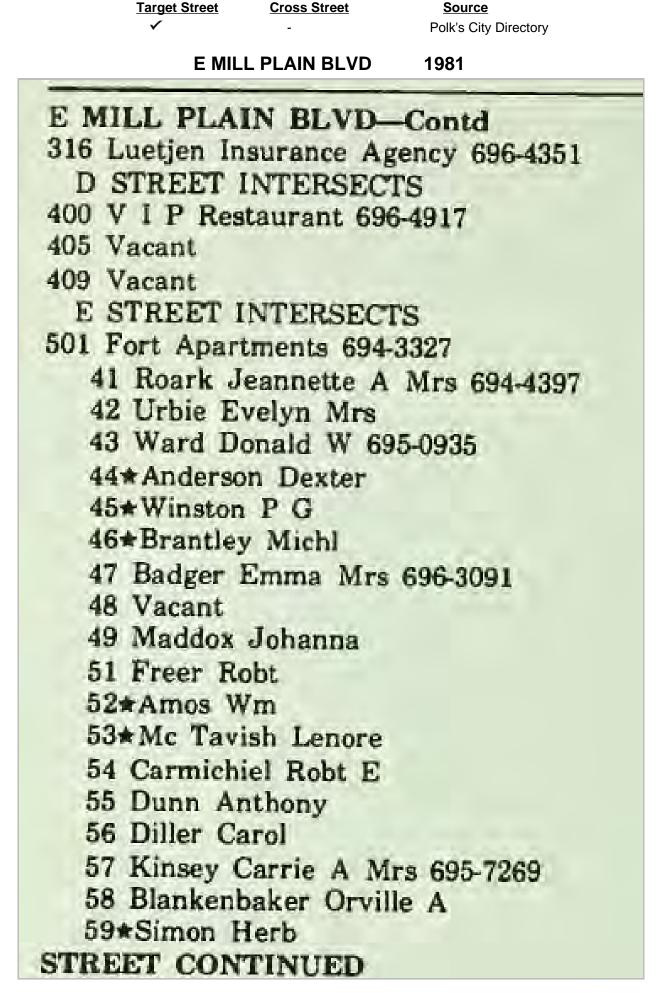
1992

# E MILL PLAIN BLVD

	FIRST AM TITLE CO VANC CHEVRON USA BURGERVILLE USA AAL
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400 409 415	WESTERN DATA SPPLY DENNYS REST GUHR, E A BOISE CASCADE
	BRADLEY FAM MEDTN DBCI FOOTHILLS COUNSLNG INTRST APPRAISAL
	M H ZOLLER CO NANA GLOBAL IND PHILLIPS GROUP INC RIVIERA FINANCE
	SHARP CONSULTATION SUPERVISDE VISITAT TIMBERNETINC
1007	VERN BRADLEY WALT FUTTRUP CO CMNTY LIBR MTG RM CMNTY LIBR OVERDUE
	CMNTY LIBR REF INF FT VNCVR LIBR SYS LIBR SYS ADMIN PUBLIC LIBRARIES
1815 1905 2001 2008	VNCVR CMTY LBR HRS WILSON, GEORGE HULLET, JAMES SMITH, CARY O WARDLAW, TAMI G
2000	

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210	Vancouve	r Chevron ga	as sta 693-9848	3
	the second s	INTERSECT:		
307	Burgervil 693-8801	le USA Inc	No 2 restr	
308	Lutjen In	surance Agey	696-4351	
312	Vacant	and a start		
316	Vacant			
D	STREET	INTERSECT	S	
400	Denny's I	Restaurant 68	6-4917	
405	Vacant			
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	and the second	paaker War	en M	
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	46 Brantl	A Real Property of the second s		
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Targ	et	Street

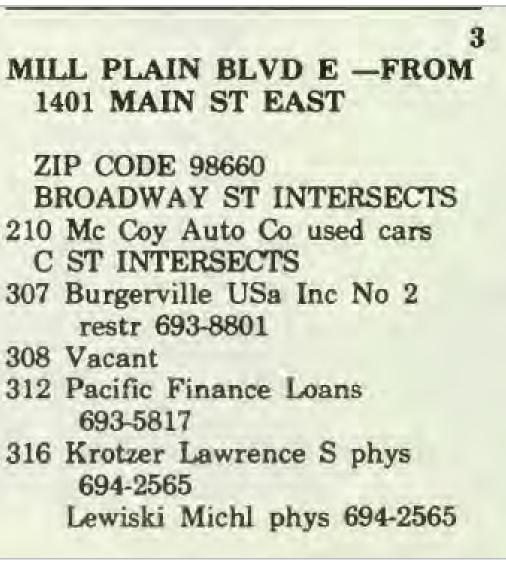
#### E MILL PLAIN BLVD 1976

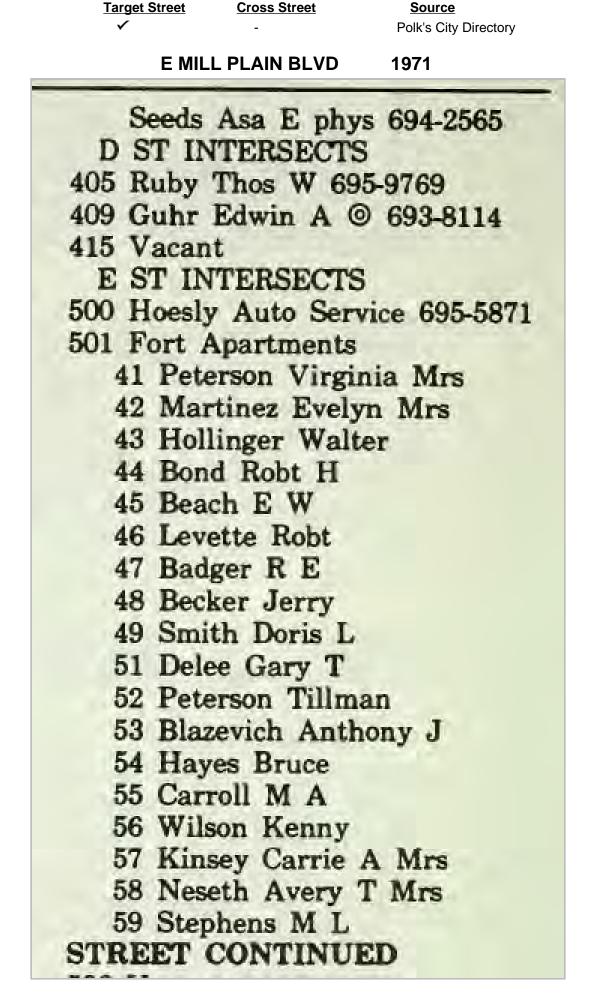
MILL PLAIN BLVD E -FROM 1401 MAIN ST EAST ZIP CODE 98660 BROADWAY ST INTERSECTS 210 Fast Gas gas sta 693-9848 C STREET INTERSECTS 307 Burgerville U S A Inc No 2 restr 693-8801 308 Swan General Agency Inc ins 694-6558 312 Pacific Finance Loans 693-5817 316 City Investment Agencies Inc real est 696-4351 Luetjen Insurance Agency 696-4351 D STREET INTERSECTS 400 Under Constn 405 Clark Marilou Mrs. 409 No Return E STREET INTERSECTS 500 Hoesly Auto Service 695-5871 501 Fort Apartments 694-3327 41 Roark A Mrs 42 Urbie Evelyn Mrs 43★White Donald 44 Kline Vicky 45 Vacant 46 Miller Keith L 696-1968 47 Badger Emma Mrs 696-3091 48 Rossiter Desery 693-4349 49\*Maddox J 51 De Leo Gary T 52 Peterson Tillman 695-3868 53\* Mayfield Lloyd D 54 Helzer Colleen C 694-2887 55 Campbell 56\*Wheeler Beverly 57 Kinsey Carrie A Mrs 695-7269 58 Blankenbaker Orville A 59\*Buchanan Otis J



Source Polk's City Directory

E MILL PLAIN BLVD 1971







<u>Source</u> Polk's City Directory

# E MILL PLAIN BLVD

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1966

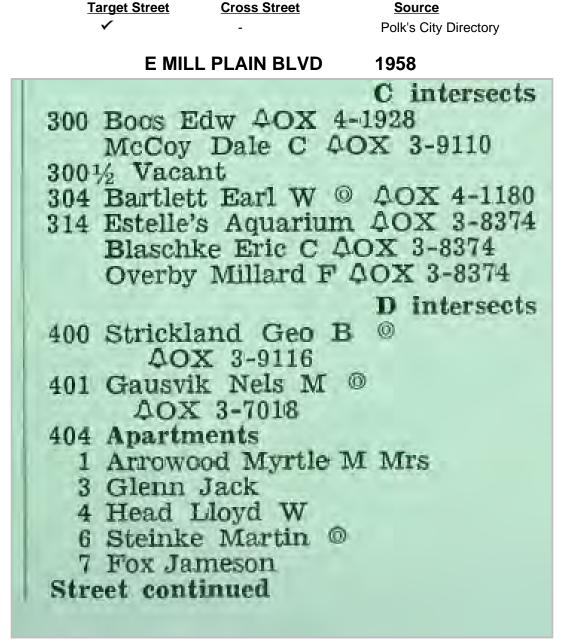
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	4 VACANT
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	MICHAEL BERT M
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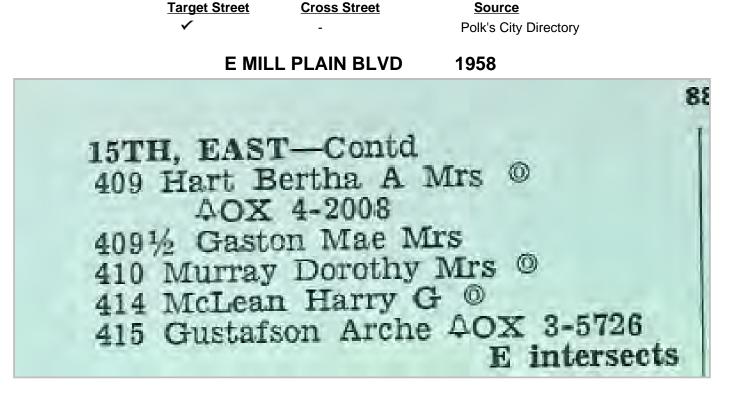


Source Polk's City Directory



1963 308 Wiswall Henry M phys OX3-7851 State Dept of Pub Assistance Med Care Field Ofc OX4-8421 312 Fac Finance Loans OX3-5817 315 Vacant 316 Newman Alex phys OX3-1272 D intersects 400 White S May Mrs OX4-2738 401 No Return 402 Lust Cath Mrs OX3-5962 405 Andre Leon R O barber OX4-1043 406 Carrey Lawrence Kite Melvin Lund Odd 409 Guhr Edwin A © OX3-8114 410 No Return 415 Fanning Irene H Mrs © OX5-7976 E intersects 500 Hoesby Auto Serv OX5-5871 501 Fort Apartments Apts 41 Webb R S 42 Gagnon Matthias J 694-1382 43 Cadwell Carrie Mrs 44 Emetaz Roland V 694-4680





Job Number:	XL-3604-H
Boring:	CRC-TR-50-12

		Bonng. CRC-1	R-50-12
	gn and return to the Departm		
<b>RESOURCE PROTECTION WEL</b>	L REPORT CURREN	T Notice of Intent No. SE46824/AE	19861
(SUBMIT ONE WELL REPORT PER WELL IN Construction/Decommission ("x" in box) ☐ Construction ☐ Decommission ORIGINAL INSTALLATION Notice of Intent Number	ISTALLED)	Type of Well ("x in box)□□Resource Protection☑Geotech Soil Boring	5/60
	Site AddressV	c. Of Mcloughlin and Main	
Consulting Firm WSDOT	City	County Clark	
Unique Ecology Well IDTag No		4-1/4 <u>NW</u> 1/4 Sec <u>26</u> Twn <u>2N</u>	R <u>1</u>
WELL CONSTRUCTION CERTIFICATION: I cons	structed and/or 🛛 EWM 🔀 or WW		
accept responsibility for construction of this well, and its complia. Washington well construction standards. Materials used and the i above are true to my best knowledge and belief.	nformation reported Lat/Long (s, t, r still REQUIRED	Lat Deg MinSec Long DegMinSec	
🕱 Driller 🗋 Engineer 🗋 Trainee	Tax Parcel No		
Name (Print Last, First Name) Shepherd, Robert, Driller/Engineer /Trainee Signature	Cased or Uncase	l Diameter <u>4"</u> Static Level <u>2</u> 8	3.5'
Driller or Trainee License No. 2710		sion Start Date 12/3/2012	
If trainee, licensed driller's Signature and Licens		sion Completed Date <u>12/3/2012</u>	
Construction Design	Well Data	Formation Description	
		0 - 2 ft Sand with silt	

· · · · · · · · · · · · · · · · · · ·		0 - 2 ft	Sand with silt
		2 - 4 ft	Silt
		4 - 5.5 ft	Sand with silt
		5.5 - 30.5 ft	Sand with gravel
	· · · · · ·		
		F	RECEIVED
			JAN 1 6 2013
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		of	State Department Ecology (SWRO)
	SCÀLE: 1"= PAGE _1OF _1	•	

ECY 050-12 (Rev. 7/06)

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Job Number:	XL-3604-H
Boring:	CRC-TR-5

			Job Number: Boring:	XL-3604-H CRC-TR-50-12
Please pri RESOURCE PROTECTION \	int, sign and return NELL REPORT	to the Departmer CURRENT	nt of Ecology Notice of Intent No. <u></u>	E46824/AE19861
(SUBMIT ONE WELL REPORT PER WI Construction/Decommission ("x" in box) Construction Decommission	ELL INSTALLED)		Type of Well ("x in box) Resource Protection Geotech Soil Boring	11-7-11
ORIGINAL INSTALLATION Notice of Intent	Number:	Property Owner WS		
Consulting Firm WSDOT	· · · · · · · · · · · · · · · · · · ·		Of Mcloughlin and Main County Clark	<u> </u>
Unique Ecology Well IDTag No			County	
WELL CONSTRUCTION CERTIFICATION		EWM X or WWM		
accept responsibility for construction of this well, and its Washington well construction standards. Materials used above are true to my best knowledge and belief.	compliance with all		Lat DegMin	
🕱 Driller 🗋 Engineer 🗋 Traince		Tax Parcel No		
Name (Print Last, First Name) Shepherd, Robert Driller/Engineer /Traince Signature Multi-M	Mylidte	Cased or Uncased I	Diameter <u>4</u> " Static I	Level
Driller or Trainee License No. 2710			on Start Date 12/3/20	
If trainee, licensed driller's Signature and	License Number:	Work/Decommissio	on Completed Date12/3/20	)12
Construction Design	Well I	Data	Formation Des	scription
			0-2 ft Sand with	silt
	· · ·		2 - 4 ft Silt	
			4 - 5.5 ft Sand with	
	· ·		5.5 - 30.5 ft Sand with	gravel
			. 🖛 🛲 🚗 📟	
			RECE	EIVED
			JAN 1	6 2013
Boring was backfilled with bentonite hole plug to surface.		•	WA State D of Ecology	epartment y (SWRO)
ECY 050-12 (Rev. 7/06)	SCALE: 1"=F	PAGE _ 1 _ OF _ 1	Ecology is an Equal	Opportunity Employe

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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Job Number:	XL-3604-H
Boring:	CRC-TR-51-12

SUBMIT ONE WELL REPORT PER WEI         onstruction/Decommission ("x" in box)         Construction         Decommission         RIGINAL INSTALLATION Notice of Intent N		Property Owner <u>W</u>		Protection <i>4 1516</i> of boil Boring
		Site Address Vicir		
onsulting Firm <u>WSDOT</u> nique Ecology Well IDTag No		City'		
				<u>26 Twn 2N R 1</u>
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.		EWM 🗹 or WWM 🗌 Lat/Long (s, t, r Lat Deg Min Sec still REQUIRED) Long Deg MinSec		
		Tax Parcel No		
anie (Print Last, First Naine) <u>Nelson, Brad</u> priller/Engineer /Trainee Signature		Cased or Uncased I	Diameter <u>4</u> "	Static Level
viller or Trainee License No 2969_		Work/Decommission		
trainee, licensed driller's Signature and L	icense Number:	Work/Decommission	on Completed Dat	e12/18/2012
Construction Design	Well I	Data	Form	ation Description
			0 - 0.3 ft	Pavement
	× × ×		0.3 - 31 ft	Sand ,
· · · ·				
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		· .		
				· ·
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				· · · ·
				JAN 1 6 2013
			V	VA State Departme of Ecology (SWRO

Job Number:	XL-3604-H
Boring:	CRC-TR-51-12

Please print, sign and return	to the Department of Ecology
<b>RESOURCE PROTECTION WELL REPORT</b>	CURRENT Notice of Intent No. SE-46824 / AE-19861
(SUBMIT ONE WELL REPORT PER WELL INSTALLED)         Construction/Decommission ("x" in box)         Construction         Decommission         ORIGINAL INSTALLATION Notice of Intent Number:	Type of Well ("x in box) $\square$ Resource Protection $475163$ $\blacksquare$ Geotech Soil BoringProperty OwnerWSDOT
·	Site Address Vicinity of McLoughlin & Main
Consulting Firm WSDOT	CityCounty Clark
Unique Ecology Well IDTag No.	Location <u>NW</u> 1/4-1/4 <u>NW</u> 1/4 Sec <u>26</u> Twn <u>2 N R 1</u>
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.	EWM I or WWM     Lat/Long (s, t, r     Lat/Long (s, t, r     Lat Deg     Min     Sec     Still REQUIRED     Long Deg     Min     Sec
Image: Construction of the second	Tax Parcel No         Cased or Uncased Diameter         Work/Decommission Start Date         12/18/2012
If trainee, licensed driller's Signature and License Number:	Work/Decommission Completed Date <u>12/18/2012</u>

Construction Design	Well Data	Formation L	escription
		0 - 0.3 ft Paveme	nt
		0.3 - 31 ft Sand	
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			EIVED
			1 6 2013
		WA State	Department
oring was backfilled with entonite hole plug to surface.		of Ecolo	Department gy (SWRO)
	SCALE: 1"=PAGE _1OF _1		
50-12 (Rev. 7/06)		Ecology is an Eq	ual Opportunity Employer

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Job Number:	XL-3604-H
Boring:	CRC-TR-49-12

• • •			Boring: CRC-TR-49-1
	print, sign and return	to the Departmer	nt of Ecology
ESOURCE PROTECTION UBMIT ONE WELL REPORT PER		CURRENT	Notice of Intent No. SE46823/AE19860
DEMIT ONE WELL REPORT FER instruction/Decommission ("x" in box Construction			Type of Well ("x in box) Resource Protection $475/6$
] Decommission		December Occurrent WS	Geotech Soil Boring
RIGINAL INSTALLATION Notice of Int	ent Number:	Property Owner WS	Of W. 17th and G St.
onsulting Firm WSDOT			County Clark
nique Ecology Well IDTag No	· ·		
ELL CONSTRUCTION CERTIFICAT		EWM 🗍 or WWM	
cept responsibility for construction of this well, an ashington well construction standards. Materials u ove are true to my best knowledge and belief.	d its compliance with all	Lat/Long (s, t, r	Lat Deg Min Sec
-	÷	sui REQUIRED)	Long DegMinSec
Driller 🔲 Engineer 🔲 Trainee me (Print Last, First Name) _ Cooper, Richard	(P	Tax Parcel No	
riller/Engineer /Trainee Signature	<u>1964</u>		Diameter <u>4"</u> Static Level <u>27.5'</u>
riller or Trainee License No2	-197		on Start Date 12/6/2012
trainee, licensed driller's Signature a	nd License Number:	Work/Decommissic	on Completed Date
		· ·	
Construction Design	Well	Data	Formation Description
			0 - 0.25 ft Pavement
			0.3 - 3 ft Gravel with sand and silt
			3 - 13 ft Sand
		<i>*</i>	13 - 18 ft Gravel with sand and silt
			18 - 30 ft Sand
			JAN 1 6 2013
			JAN 1 6 2013 WA State Departmen of Ecology (SWRO)

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Job Number:	XL-3604-H
Boring:	CRC-TR-49-12

ESOURCE PROTECTION UBMIT ONE WELL REPORT PER W		CORRENT		ent No. SE46823/AE19860
DBWIT ONE WELL REPORT FER W instruction/Decommission ("x" in box)	ELL INSTALLED)		Type of Well	("x in box)
Construction			Resource Geotech S	Protection 47514
Decommission UGINAL INSTALLATION Notice of Inten	t Number:	Property Owner <u>W</u>		
		Site Address Vic.		it.
nsulting Firm WSDOT		City	County	Clark
ique Ecology Well IDTag No		Location NE 1/4-	1/4 <u>NE</u> 1/4 Se	c <u>27</u> Twn <u>2N</u> R
ELL CONSTRUCTION CERTIFICATIC		EWM 🔲 or WWM		
ept responsibility for construction of this well, and it shington well construction standards. Materials use		Lat/Long (s, t, r	. Lat Deg	MinSec
we are true to my best knowledge and belief.		still REQUIRED)	Long Deg	MinSec
Driller Engineer Trainee ne (Print Last, First Name) Cooper, Richard	1 -	Tax Parcel No		
iller/Engineer /Traince Signature/	Gan	Cased or Uncased I	Diameter <u>4</u> "	Static Level27.5'
iller or Trainee License No2964		Work/Decommissic	on Start Date	12/6/2012
trainee, licensed driller's Signature and	License Number:	Work/Decommissio	on Completed Da	ate12/6/2012
Construction Design	Well I	Data	For	mation Description
Construction Design			0 - 0.25 ft	Pavement
		•	0.3 - 3 ft	Gravel with sand and silt
· · · · · · · · · · · · · · · · · · ·			3 - 13 ft	Sand
			13 - 18 ft	Gravel with sand and silt
			18 - 30 ft	Sand
		· .		
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	· · ·			JAN 1 6 2013
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Boring:

Job Number: XL-3604-H CRC-TR-48-12

RESOURCE PROTECTION WELL RE		RENT Notice of Intent No. SE46823/AE19860
(SUBMIT ONE WELL REPORT PER WELL INSTALI Construction/Decommission ("x" in box) Construction Decommission ORIGINAL INSTALLATION Notice of Intent Number:	Property Ow	
Consulting Firm WSDOT		s
Unique Ecology Well IDTag No	·····	E1/4-1/4_NE1/4 Sec _27Twn _2NR
WELL CONSTRUCTION CERTIFICATION: 1 constructed an		
accept responsibility for construction of this well, and its compliance with a Washington well construction standards. Materials used and the informatio above are true to my best knowledge and belief.	n reported Lat/Long (s, still REQUE	
X Driller D Engineer T Traince Name (Print Last, First Name)Shepherd, Robert		No 28.5'
Driller/Engineer /Traince Signature ////////////////////////////////////		ncased Diameter <u>4</u> " Static Level <u>28.5</u> '
Driller of Trainee License No. 2710		mmission Start Date <u>12/5/2012</u>
f trainee, licensed driller's Signature and License Numb	er: Work/Decor	mmission Completed Date
Construction Design	Well Data	Formation Description
		0 - 0.3 ft Pavement 0.3 - 7.5 ft Sand
· · · ·		7.5 - 14 ft Sand with silt
		14 - 30.5 ft Sand
		DEACUTA
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JAN 1 6 2013 WA State Department of Ecology (SWRO) PAGE 1 OF 1

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ECY 050-12 (Rev. 7/06)

Boring was backfilled with

bentonite hole plug to surface.

SCALE: 1"=\_

Job Number:	XL-3604-H
Boring:	CRC-TR-48-1

ESOURCE PROTECTION W UBMIT ONE WELL REPORT PER WEI Instruction/Decommission ("x" in box) Construction Decommission RIGINAL INSTALLATION Notice of Intent N	LL INSTALLED)	CURRENT	Notice of Inte Type of Well Resource Geotech	ent No. SE46823/AE19860 ("x in box) Protection Soil Boring
onsulting Firm WSDOT		Site Address <u>Vic.</u>		
nique Ecology Well IDTag No.		-		c <u>27</u> Twn <u>2N</u> R
ELL CONSTRUCTION CERTIFICATION: ept responsibility for construction of this well, and its c shington well construction standards. Materials used a we are true to my best knowledge and belief.	I constructed and/or ompliance with all	EWM 🗌 or WWM	Lat Deg	MinSec MinSec
Driller 🗋 Engineer 🗋 Trainee me (Print Last, First Name) <u>Shepherd, Robert</u>		Tax Parcel No		
iller/Engineer /Trainee Signature MMUM	yel alle	Cased or Uncased I	Diameter <u>4</u> "	Static Level
iller or Trainee License No	· · · · · · · · · · · · · · · · · · ·	Work/Decommissic	n Start Date	
trainee, licensed driller's Signature and L	icense Number:	Work/Decommissic	n Completed Da	ate
Construction Design	Well I	Data	For	mation Description
			0 - 0.3 ft	Pavement
			0.3 - 7.5 ft	Sand
			7.5 - 14 ft	Sand with silt
			14 - 30.5 ft	Sand
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				JAN 1 6 2013
			WA	State Department Ecology (SWRO)
				ECOLOGY (SVMU)

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Decommission ORIGINAL IN	ect one) STALLATION Notice t Number \$ 23006	MAR OF 2006 Ty	Type of Well (select one)  Resource Protection  Geotech Soil Boring  RSHALL COMMUNITY CENTER  ACLOUGHLIN BLVD  County CLARK  Select On N
Consulting Firm CARLSON		Address 1009 E M	ACLOUGHLIN BLVD
Unique Ecology Well ID	Ň	City VANCOUVER	County CLARK
1 ug 110; <u></u>		Location <u>NW</u> 1/4-1/4 <u>N</u>	$\frac{1}{1/4}$ Sec 26 Twn 2 R <sup>1</sup> Select One
WELL CONSTRUCTION CERT accept responsibility for construction of thi Washington well construction standards. M above are true to my best knowledge and b Driller Engineer Trainee Name (Pri Driller/Engineer /Trainee Signatur	s well, and its compliance with all Materials used and the information repor elief. int) WARREN MCCANN	still REQUIRED) Tax Parcel No	Lat Deg Lat Min/Sec Long Deg Long Min/Sec
Driller or Trainee License No. 246			ameter 8 Static Level NONE
If trainee, licensed driller's		Work/Decommission	
Signature and License No.		Work/Decommission	Completed Date 2/23/06
Construction/Desi	gn	Well Data	Formation Description
	BACKFILLEI FROM 15 FEI	D WITH BENTONITE CHIPS ET TO 0 FEET	GREY SANDY SILT MOIST MEDIUM STIFF GREY SANDY GRAVEL MOIST DEN TERMINATED AT 15 FEET

ECY 050-12 (Rev. 2/03)

ESOURCE PROTECTION WE	LL REPORT	CURRENT N	otice of Intent No. A 112009
UBMIT ONE WELL REPORT PER WELL	INSTALLED)	у. Г. Т	otice of Intent No. A 112009 ype of Well (select one) Resource Protection Geotech Soil Boring RSHALL COMMUNITY CENTER MCLOUGHLIN BLVD
onstruction/Decommission (select one)	ter all all all all all all all all all al		Resource Protection
Construction Decommission ORIGINAL INSTALLATION No.		No and	Geotech Soil Boring
of Intent Number <u>\$ 230</u>	06 10	Stoperture MA	RSHALL COMMUNITY CENTER
onsulting Firm CARLSON	24	Site Site Site Site Site Site Site Site	MCLOUGHLIN BLVD
nique Ecology Well ID	- Sh	ANCOLIVER	County CLARK
ng No. <u>B- Z</u>		$W_{1/4-1/4}$	MCLOUGHLIN BLVD County CLARK NW 1/4 Sec 26 Twn 2 R 1 Clark
ELL CONSTRUCTION CERTIFICATION: 1 co	instructed and/or		
ept responsibility for construction of this well, and its compl ashington well construction standards. Materials used and the		Lat/Long (s, t, r	Lat Deg Lat Min/Sec
ove are true to my best knowledge and belief.	- momulon reponer	still REQUIRED)	Long Deg Long Min/Sec _
Driller Engineer Traince Name (Print) WARREN M	ICCANN	Tax Parcel No	
iller/Engineer /Trainee Signature	L	Cased or Uncased Di	ameter 8 Static Level NONE
iller or Trainee License No. 2460		Work/Decommission	
trainee, licensed driller's			
gnature and License No. <u>2460</u>	)	Work/Decommission	Completed Date 2/23/06
Construction/Design	<u> </u>	/ell Data	Formation Description
		TH BENTONITE CHIPS	GREY SANDY SILT MOIST MEDIUM
	FROM 15 FEET TO	O 0 FEET	STIFF
			GREY SANDY GRAVEL MOIST DE
			GRET SANDT GRAVEE MOIST DEL
			TERMINATED AT 15 FEET
8			TERMINATED AT 15 FEET
-			
			1

WELL CONSTRUCTION CERTIFICATION: I constructed and/or       Location NW1/4-1/4 NW1/4 Sec 26 Twn 2 R1       E         Well construction of this well, and its compliance with all vashington well construction standards. Materials used and the information reported bove are true to my best knowledge and belief.       Lat/Long (s, t, r       Lat Deg Lat Min/Sec         Driller Engineer Trainee Name (Print)       WARREN MCCANN       Location Trainee Signature       Long Deg Long Min/Sec         Driller or Trainee License No. 2460       WOR/Decommission Start Date 2/23/06       Static Level NONE         Work/Decommission Completed Date 2/23/06       Work/Decommission Completed Date 2/23/06       Work/Decommission Completed Date 2/23/06         Construction/Design       Well Data       Formation Description         BACKFILLED WITH BENTONITE CHIPS       GREY SANDY SILT MOIST MEDIUN STIFF         Image: Static Chips       Static Chips         Image: Static Chips       Static Moist Medium	RESOURCE PROTECTION V		CURRENT N	otice of Intent No. A 112009
vriller/Engineer /Trainee Signature       W26       Cased or Uncased Diameter       8       Static Level NONE         vriller or Trainee License No. 2460       Work/Decommission Start Date       2/23/06         f trainee, licensed driller's       Work/Decommission Completed Date       2/23/06         ignature and License No. 2469       Well Data       Formation Description         Construction/Design       Well Data       Formation Description         BACKFILLED WITH BENTONITE CHIPS       GREY SANDY SILT MOIST MEDIUN         FROM 15 FEET TO 0 FEET       GREY SANDY GRAVEL MOIST DEN         GREY SANDY GRAVEL MOIST DEN       GREY SANDY GRAVEL MOIST DEN	Construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLATIO of Intent Number S consulting Firm CARLSON Unique Ecology Well ID Tag No. B- VELL CONSTRUCTION CERTIFICATION expt responsibility for construction of this well, and its of vashington well construction standards. Materials used a powe are true to my best knowledge and belief.	N Notice 23006 I I constructed and/or compliance with all nd the information reported Lat stil	Address <u>1009 E 1</u> VANCOUVER cation <u>NW</u> 1/4-1/4 <u>1</u> /Long (s, t, r I REQUIRED)	Resource Protection     Geotech Soil Boring
Driller or Trainee License No. 2460       State Devel 10011         f trainee, licensed driller's       Work/Decommission Start Date 2/23/06         Work/Decommission Completed Date 2/23/06         Construction/Design       Well Data         From 15 FEET TO 0 FEET         GREY SANDY SILT MOIST MEDIUM         GREY SANDY GRAVEL MOIST DEN	Driller/Engineer / Trainee Signature			amatar 8 Static Lavel NONE
f trainee, licensed driller's       Work/Decommission Completed Date 2/23/06         ignature and License No. 2459       Work/Decommission Completed Date 2/23/06         Construction/Design       Well Data       Formation Description         BACKFILLED WITH BENTONITE CHIPS       GREY SANDY SILT MOIST MEDIUM         FROM 15 FEET TO 0 FEET       GREY SANDY GRAVEL MOIST DEN         GREY SANDY GRAVEL MOIST DEN		Ca		
Construction/Design     Well Data     Formation Description       BACKFILLED WITH BENTONITE CHIPS FROM 15 FEET TO 0 FEET     GREY SANDY SILT MOIST MEDIUM STIFF       GREY SANDY GRAVEL MOIST DEN				
BACKFILLED WITH BENTONITE CHIPS FROM 15 FEET TO 0 FEET GREY SANDY SILT MOIST MEDIUM GREY SANDY GRAVEL MOIST DEM	ignature and License No. 2469	) we	K/Decontinission	
BACKFILLED WITH BENTONITE CHIPS FROM 15 FEET TO 0 FEET GREY SANDY SILT MOIST MEDIUM GREY SANDY GRAVEL MOIST DEM	Construction/Design	Well Da	ata	Formation Description
				GREY SANDY SILT MOIST MEDIUM STIFF
TERMINATED AT 15 FEET				GREY SANDY GRAVEL MOIST DEN
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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Construct Construct Decor	IT ONE WELL REPORT PER W         ction/Decommission (select one)         ruction         mmission ORIGINAL INSTALLATI         459       of Intent Number         ng Firm CARLSON	ON Notice MAR 062000	Type of Well (select one)         Image: Select Soil Boring         Image: Select Soil Boring         Image: Marshall COMMUNITY CENTER         1009 E MCLOUGHLIN BLVD         Image: Select Soil Select Soil Boring         Image: Select Soil Select Soil Boring         Image: Select Select Soil Select S
Tag No. WELL C accept respo	Ecology Well ID B- CONSTRUCTION CERTIFICATIO onsibility for construction of this well, and it n well construction standards. Materials used	N: I constructed and/or s compliance with all	$\frac{\text{UVER}}{1/4-1/4} \underbrace{\frac{\text{NW}}{1/4}}_{\text{AVW}} \frac{\text{County}}{4} \underbrace{\frac{\text{CLARK}}{\text{County}}}_{\text{CLARK}} \frac{\text{Select One}}{1/4} \underbrace{\frac{\text{Select One}}{1/4}}_{\text{CLARK}} \frac{\text{CLARK}}{1/4}$
above are tr Driller Driller/En Driller or	e, licensed driller's	still REQUIR REN MCCANN Tax Parcel No Cased or Unc Work/Decom	ED) Long Deg Long Min/Sec cased Diameter <u>8</u> Static Level <u>NONE</u> mission Start Date <u>2/23/06</u>
	re and License No. 24505	Work/Decom	mission Completed Date 2/23/06
»	Construction/Design	Well Data BACKFILLED WITH BENTONITE (	Formation Description CHIPS GREY SANDY SILT MOIST MEDIUM
	3		TERMINATED AT 25 FEET

eport.	<b>RESOURCE PROTECTION WE</b>		otice of Intent No. <sup>S 23006</sup>
Data and/or the Information on this Well Report	(SUBMIT ONE WELL REPORT PER WELL Construction/Decommission (select one)         ✓ Construction         □ Decommission ORIGINAL INSTALLATION N         □ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Instructed and/or liance with all the information reported to the still REQUIRED) MCCANN Tax Parcel No	Lat Deg Lat Min/Sec
/or th	If trainee, licensed driller's	Work/Decommission Work/Decommission	Start Date         2/23/06           Completed Date         2/23/06
and	Construction/Design	Well Data	Formation Description
The Department of Ecology does NOT Warranty the Data		BACKFILLED WITH BENTONITE CHIPS FROM 25 FEET TO 0 FEET	GREY SANDY SILT MOIST MEDIUM STIFF GREY SANDY GRAVEL MOIST DENSE
	SCALE: 1*= _20	PAGE 1 OF 1	

	N WELL REPORT CURRE	NT Notice of Intent No. <u>S 23006</u>
(SUBMIT ONE WELL REPORT PER Construction/Decommission (select one Construction Decommission ORIGINAL INSTALLA 91456 of Intent Numb Consulting Firm CARLSON	ATION Notice er <u>S 23008</u> Stream of Site Actions <u>10</u>	Type of Well (select one)  Resource Protection  Geotech Soil Boring  MARSHALL COMMUNITY CENTER  009 E MCLOUGHLIN BLVD
Tag No.       B-         WELL CONSTRUCTION CERTIFICAT         accept responsibility for construction of this well, and         Washington well construction standards.         Materials         above are true to my best knowledge and belief.         Driller         Engineer         Trainee Name (Print)         WA         Driller/Engineer         Trainee Signature	TION: I constructed and/or and its compliance with all Notes and the information reported ARREN MCCANN Tax Parcel No Cased or Uncase	NT Notice of Intent No. S 23006 Type of Well (select one) ☐ Resource Protection ☑ Geotech Soil Boring r MARSHALL COMMUNITY CENTER 009 E MCLOUGHLIN BLVD VER County CLARK 4-1/4 NW 1/4 Sec 26 Twn 2 R 1 Select One X Lat Deg Lat Min/Sec D) Long Deg Long Min/Sec Sed Diameter 8 Static Level NONE
Driller or Trainee License No. 2460 If trainee, licensed driller's Signature and License No. 2450	Work/Decomm	ission Start Date 2/23/06 ission Completed Date 2/23/06
Construction/Design	Well Data BACKFILLED WITH BENTONITE CF FROM 15 FEET TO 0 FEET	Formation Description         HIPS       GREY SANDY SILT MOIST MEDIUM         GREY SANDY GRAVEL MOIST DENS         GREY SANDY GRAVEL MOIST DENS         TERMINATED AT 15 FEET

<b>RESOURCE PROTECTION WELL</b>	REPORT CURRENT M	lotice of Intent No. S 23006
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Construction/Decommission (select one)	Sa /	Type of Well (select one)           Resource Protection
Construction	in the second	Geotech Soil Boring
Decommission ORIGINAL INSTALLATION Notice	Con Maria	
Construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLATION Notice Of Intent Number S 23008 Consulting Firm CARLSON Unique Ecology Well ID Tag No. B- 3 WELL CONSTRUCTION CERTIFICATION: I constru accept responsibility for construction of this well, and its compliance Washington well construction standards. Materials used and the info above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) WARREN MCC	2 Repperty Owner MA	RSHALL COMMUNITY CENTER
	Site Address 1009 E	MCLOUGHLIN BLVD
Tag No B- 3	City VANCOUVER	County CLARK
	Location <u>NW</u> 1/4-1/4	<u>NW1/4 Sec 26 Twn 2 R1</u>
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Washington well construction standards. Materials used and the info	rmation reported Lat/Long (s, t, r	Lat Deg Lat Min/Sec
above are true to my best knowledge and belief.		Long Deg Long Min/Sec _
Driller Engineer Trainee Name (Print)	ANN Tax Parcel No	
Driller/Engineer /Trainee Signature <u>WC</u>		iameter 8 Static Level NONE
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If trainee, licensed driller's		Completed Date 2/23/06
Signature and License No. 2459		
Construction/Design	Well Data	Formation Description
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nsulting Firm CARLSON	AL Q	OProperty Owner       MARSHALL COMMUNITY CENTER         Signature       Signature         Signature       1009 E MCLOUGHLIN BLVD         Octor       VANCOUVER         County       CLARK         Cocation       NW1/4-1/4         NW1/4       Sec         26       Twn 2         R1       Select Onc			
ique Ecology Well ID	A M	VANCOUVER	County CLARK		
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trainee, licensed driller's			Completed Date 2/23/06		
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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

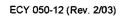
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171463 of Intent Number <u>S</u>	23006 C Property Owner M	ARSHALL COMMUNITY CENTER
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Construction/Design	Well Data	Formation Description
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	e, licensed dr				a Completed Date 2/23/06
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) 2. J 3 16 WELL LOG .--- Continued . 1 THICKNESS (feet) CORRE-DEPTH (feet) MATERIAL , Depth forward Cement seal at 20 feet from surf ace 3 S S PERFORATIONS: 40-3/8x1‡ perforations per foot from 121 to 135 ft. B. F. No. 74 12-54-3M. 4" 08. : )

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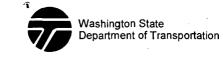
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**RESOURCE PROTECTION WELL REPORT** Decomission card #: AE-28606 Job No .: XL-3604-C Columbia River Crossing, Mill Plain and McLough@oVinty: Clark Project: Location: SW1/4 of NW1/4 Range: 1 EWM Well ID#: BBB-516 Sec: 26 Twn: 2 N Hole#: P-9p-10 Street Address of Well: Vicinity of Mill Plain and Port Vancover Way Method: Casing Advancer Lic #: 2710 Water Table Depth: 30.1 Driller: Shepherd, Robert Ground Surface Elevation: 97.98 Company: WA State Dept. of Transportation halles Signature: Muttur Installed: 4/27/2010 Decommissioned: 9-23-14 Cased Hole: 1" Protective Casing, Casing Stick-up 2ft Instrument Pipe' stick-up 1 1/2ft Ground Surface Filled pipe with bentonite slurry. Cement Surface Seal Cut off 2ft blow ground and sealed to of hole. from 0.0 ft to 2.0 ft. Instrument Pipe in Granular Bentonite, from 2.0 ft. to 22.0 ft. Instrument Pipe in SAND, from 22.0 ft. to 24.0 ft. RECEIVED APR 0 32015 WA State Department of Ecology (SWRO) Well Screen In Clean Sand, from 24.0 ft. to 34.0 ft Bottom Seal, from 34.0 ft. to 40.5 ft Bottom of Hole 40.5 ft.

he Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

SOILA XL-3604 SR5 TIGER.GPJ SOIL.GDT 4/28/10	0IL.GDT 4/28/10										
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				County (ff)		Start . Station			Job No.		
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	•	•	2	<ul><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li></ul> <li></li>					04-C	ton St ent of	
			2 40   	Field S Moistu RQD						ate Transp	
			60   	_ Subsecti SPT (N) are Content	_	_ Completi	and Port		) <sub>SR</sub>	ortation	
			80   			on <u>Apr</u> set 0.			-( ( 	WL	
28 39	5 6 7 (13)	2 3 10 (13)	7 5 4 (9)	W1/4 of N Blows/6" (N) and/or RQD FF						ብኝ	
X	X			Type	2	0	 ∩	x		LO	
D-4	D-3	D-2	D-1	Sample No. (Tube No.)		н		Cr.		og of	
				Lab Tests	inches)	ole Dia	BB	rsilv		TEST	
	Well graded SAND with gravel, medium dense, dark brown, moist, homogenous, HCI not tested, Started drilling harder at 17.0'. Length Recovered:1.5 ft. Length Retained:1.5 ft.	Sandy SILT, with 0.5' of well graded Sand in bottom of sample, medium dense, olive brown, moist, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.	RECEIVED MAY 2 6 2010 WA State Department of Ecology (SWRO) Poorly graded SAND, with 0.3' of Silt and brown mottled stain, loose, brown, moist, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.	Section26 Range _1 EWMTownship 2 N	HQ Geotech Division Datum State Plane South	B-515 (1" Piezo Well)         Equipment         CME 850 (9C2-2) - AH           4         Method         Wet Rotary	Inspector <u>Andrews, Cleo #1677</u>	g Driller _Johnson, Vince I Lic#_2	HOLE No. <u>P-10 P-10</u> Sheet <u>1</u> of <u>3</u>	BORING Start Card R 77020	
				Instrument			t	А			

.



LOG OF TEST BORING

Start Card <u>R 77020</u>

WA State Department

Job No. XL-3604-C	Gp-70

Elevation <u>ft</u>

I-5

SR

HOLE No. <u>P-10 P-10</u>

Sheet \_\_\_\_\_ of \_\_\_\_3

	Project_	<u>SR-500</u>	Tiger						Driller Johnson, Vince	_ic#	2532
Depth (ft)	Elevation (ft)	Profile	<ul> <li>Field SPT (N)</li> <li>Moisture Content</li> <li>RQD</li> <li>20 40 60 80</li> </ul>	Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab Tests	61621	Description of Material	Groundwater	Instrument
		ο΄ ο		27 (66)	X				Length Recovered:1.5 ft. Length Retained:1.5 ft.	-	XXXXX XXXXX
		 									XXXXXX XXXXXX
25 —				15 16 11 (27)	X	D-5			Well graded SAND, with poorly graded Sand, traces of small Gravel, dense, dark brown, moist, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
30 —				10 10 12 (22)	X	D-6			Poorly graded SAND, medium dense, dark brown, moist, homogenous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
- 35—				13 18 30 (48)	X	D-7			Poorly graded SAND, with 0.2' of silty Sand and 0.1' of Gravel in bottom of sample, dense, dark brown, moist, HCI not tested, Drilling indicated in and out of Gravel starting from 35.5' to 39.0'. Length Recovered:1 ft. Length Retained:1 ft.	- - -	
				13 13 13	X	D-8			4/26/2010 Poorly graded SAND, dense, dark brown, moist, homogenous, HCI not tested, Pictures taken of drill site and surrounding area.	-⊻ - -	
-				(26)					A flush mount monument was installed on this boring.	- - - -	·····
-		-					×.		RECEN MAY 262	-	D

SOILA XL-3604 SR5 TIGER GPJ SOIL GDT 4/28/10



LOG OF	TEST	BORING
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Start Card R 77020

Job No. XL-3604-C	<u>3p</u> -70 <sub>SR</sub>	I-5
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Elevation <u>ft</u>

HOLE No. P-10 P-10

Sheet	3	of	3

Project	SR-500	Tiger

	Project_	SR-500	) Tiger				,				Driller _ Johnson, Vince	Lic#	2532
Depth (ft)	Elevation (ft)	Profile	-	SPT (N) ire Content 60 80	Blows/6" (N) and/or RQD FF	Sample Type	Sample No.	(Tube No.)	Lab	Tests	Description of Material	Groundwater	Instrument
-											The implied accuracy of the borehole location information displayed on this boring log is typically sub-meter in (X,Y) when collected by the HQ Geotech Division and sub-centimeter in (X,Y,Z) when collected by the Region Survey Crew.		
50											End of test hole boring at 40.5 ft below ground elevation. This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data. Note: REF = SPT Refusal		
											Bail/Recharge test: Hole Diameter: 4 Depth of boring during bail test: 40.5' Depth of casing during bail test: 39' Bailed bore hole water level to 35.5' Recharge after 1 minutes :35.5' Recharge after 2 minutes :35.5' Recharge after 3 minutes :35.5' Recharge after 5 minutes :36' Recharge after 5 minutes :37'		
60 —						×.							
65 —											RECEIVE		
											MAY 2 6 2010 WA State Departm of Ecology (SWR	-	

SOILA XL-3604 SR5 TIGER.GPJ SOIL.GDT 4/28/10

LOG OF TEST BORING         Start Card _ B.77020         Start Card _ B.77020         Northing _ Brosser Typer         Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan=""2"Colspan=""2"Colspan=""2"Colspan="	Start Card     R.77020	•	Ŧ		Vashing	ton St	ate						╵⊤⊏	SТ	BORING			
Job No. AL-S004-L. Gp / 0     SR     Lo     Elevation     II       Project     Stressof-Tiger     Cólutify A Rittel Coossing     Stressof-Tiger     Stressof-Tiger       Site Address     Vicinity of Mill Plain and Port Vancover Way     Inspector     Andrews, Cleo #1677     C.A.       Site Address     Vicinity of Mill Plain and Port Vancover Way     Inspector     Andrews, Cleo #1677     C.A.       Site Address     Vicinity of Mill Plain and Port Vancover Way     Inspector     Andrews, Cleo #1677     C.A.       Sitation     0     Offset     0     Hole Dia 4     Method     Wet Rotary       Northing     115032.36     Easting     1058844.35     Collected by HQ Geotech Division     Datum     State Plane South       County     Clark     Subsection     SW1/4 of NW1/4     Section     26     Range     1EWM     Township 2.N <ul> <li></li></ul>	Job No. AL-9004-Taper       Sine Addows       Project       Sine Addows       Sine Addows       Sine Addows       Sine Addows       Microsoft Agent Z7, 2010       Competion Agent Z7, 2010       Impediate Agent Z7, 2010       Competion Agent Z7, 2010       Competion Agent Z7, 2010       Competion Agent Z7, 2010       Competion Agent Z7, 2010       Equipment CME 850 (92-22): AH         State On       0       Offset       0       Offset       Agent Z7, 2010       Competion Agent Z7, 2010       Equipment CME 850 (92-22): AH         State On       0       Offset       0       Offset       Agent Z7, 2010       Competion Agent Z7, 2010       Equipment CME 850 (92-22): AH         State On       0       Offset       0       Microsoft Z7, 2010       Competion Agent Z7, 2010       Data State Plane South         County       Clark       Statescriton		V		Departm	ent of	Transp	ortation	4	2.	-0		. –	51	Start Card <u>R 77020</u>			
Sheet	Project       Street			Job No.	XL-360	04-C	<u>Gp</u> -7(		1-5			Eleva	ation	ft	HOLE No			
Site Address       Vicinity of Mill Plain and Port Vancover Way       Inspector       Andrews. Cleo #1677. C.A.         Start April 27, 2010       Completion April 27, 2010       Well ID# BBB-516 (1" Plezo Well)       Equipment       CME 850 (9C2-2) - AH         Startion       0       Offset       0       Melto Dis 4       Method Well Rotary         Northing       116032.36       Easting       10696844.36       Collected by HQ Geotech Division       Datum       State Plane South         County       Clark       Subsection       SW1/4 of NW1/4       Section       26       Range 1 EWM       Township 2 N         V       Field SPT (N)       Blowdiv       0       9       9       9       9       9       0       Description of Material       90       90       9       9       9       9       9       0       Description of Material       9       9       9       9       9       9       9       9       9       9       9       9       9       9       0	Site Address       Veiniby of Mill Plan and Port Vancover Way       tweetor       Report Address, Cleo B107       Cd,         Site April 27, 2010       Compression April 27, 2010       Wein Die BBB-516 (1* Plezo Wein)       Equipment: CME 850 (9C2-2) - AH         Site April 27, 2010       Orifiet       Orifiet       Method       Wein Die BBB-516 (1* Plezo Wein)       Equipment: CME 850 (9C2-2) - AH         Nontring       100302 35       Exercising       1068044 35       Codecide by, HQ Geotech Division       Datum       State Plane South         Courty       Clark       Subacciano       SWH 4 of NWH       Section       26       Range 1 EWM       Township 2 M         Weing and courter       State Context       State Context       State Plane South       State Plane South       State Plane South         State Context       State Context       State Plane South       State Plane South       State Plane South       State Plane South         State Context       State Context       State Plane South       State Plane South       State Plane South       State Plane South         State Context       State Plane South       State Plane South       State Plane South       State Plane South         State Plane South       State Plane South       State Plane South       State Plane South       State Plane South								G									
Start April 27, 2010       Completion April 27, 2010       Weil JD# BBB-516 (1" Piezo Weil)       Equipment       CME 850 (9C2-2) - AH         Station       0       Offset       0       Hele Dia 4       Method       Weil Zie Plane South         Northing       116032.36       Easting       1086844.36       Colected by HO Geotech Division       Datum       State Plane South         County       Clark       Subsection       SW1/4 of NW1/4       Section       26       Range       1 EWM       Township 2 N         Weil       Field SPT (N)       Blowster       800 get 8 get 9	Start April 27, 2010       Comptation April 27, 2010       Weil Up BBE-516 (1° Plazo Weil)       Equipment CME 850 (9C2-2) - AI         station 0       Omet 0       Heiro Di 4       Metrod Weil Rotary         Noming 116332.35       Exeting 1066844.35       Colected by HQ Geotech Division       Datum State Plane South         Courty Clark       Subtection SW14 dt NW1/4       Station 2       Range 1 EWM       Township 2.N         Image 1       Image 1       Fried SPT (N)       Image 2       Township 2.N         Image 2       Fried SPT (N)       Image 2       Image 2       Township 2.N         Image 3       Image 2       Fried SPT (N)       Township 2.N         Image 3       Image 3       Image 3       Image 3       Image 3         Image 4       Fried SPT (N)       Image 3       Image 3       Image 3       Image 3         Image 4       Fried SPT (N)       Image 3       Ima			Project	* <del>3R-500</del>	<del>) Tige</del> r		olundia		IVER		6055	in	9	Driller Johnson, Vincer Lic	;#	2532	-
Station       Offset       Offset       Image: Construction of the state of t	Station       Offset		Site A	Address	Vicinity	of Mi	ll Plain	and Port \	/anco	ver Way					Inspector Andrews, Cleo #1677 (	A	<b>.</b> *	
(unches)         Northing 116032.36       Easting 1086844.36       Collected by HO Geotech Division       Datum State Plane South         County Clark       Subsection SW1/4 of NW1/4       Section 26       Range 1 EWM Township 2.N.         Output to the section of Material         Image: section of the section of Material       Section of Material         Image: section of the section of the section of Material       Output to the section of Material         Image: section of the sec	Northing       1160322.36       Easting       10866844.36       Colected by HO Geotech Division       Datum       State Plane South         County       Clark       Subsection       SW1/4 of NW1/4       Section       26       Renge       1EWM       Township 2.N.         Image: State Plane South       Fed SPT (M)       Subsection       Section       26       Renge       1EWM       Township 2.N.         Image: State Plane South       Fed SPT (M)       State Plane South       Section       26       Renge       1EWM       Township 2.N.         Image: State Plane South       Fed SPT (M)       State Plane South       Section       26       Renge       1EWM       Township 2.N.         Image: State Plane South       Fed SPT (M)       State Plane South       Section       26       Renge       1EWM       Township 2.N.         Image: State Plane South       Fed SPT (M)       State Plane South       Section 2.5       Renge       1EWM       Township 2.N.         Image: State Plane South       Fed SPT (M)       State Plane South       Section 2.5       Renge       1EWM       Section 2.5       Section 2.5 <td< td=""><td></td><td></td><td>Start</td><td>April 27,</td><td>, 2010</td><td>I</td><td>_ Completic</td><td>on <u>Apr</u></td><td>il 27, 2010</td><td>0</td><td>We</td><td>  ID# _</td><td>BBE</td><td>B-516 (1" Piezo Well) Equipment CME 850 (9C2-2) - AH</td><td></td><td>-</td><td></td></td<>			Start	April 27,	, 2010	I	_ Completic	on <u>Apr</u>	il 27, 2010	0	We	ID# _	BBE	B-516 (1" Piezo Well) Equipment CME 850 (9C2-2) - AH		-	
County       Clark       Subsection       SW1/4 of NW1/4       Section       26       Range       1 EWM       Township 2.N.         Image: the section of the sectin of the section of the section of the secti	County         Clark         Subsection         SWI/4 of NW1/4         Section         26         Range         1 EVM         Township 2.N.           Image         Imag			Station	0.			Offs	et <u>0</u> .			— н (	ole Di inches	a 4 s)	4 Method Wet Rotary		-	
Image: Description of Material	E     E     E     Field SPT (N)     Blowder (N)     Blowder (N)     E     E     E     E     E     E       10     0		٢	lorthing	116032	2.36		_ Eastir	ng <u>1</u> (	086844.36	6	Colle	ected	by H	HQ Geotech Division Datum State Plane South		-	
(E)	E       0			County	Clark			_ Subsection	on	W1/4 of N	W1/	4			Section 26 Range 1 EWM Township 2	<u>N</u>		
5-     19 14 (33)     graded Sand, dense, brown, moist, homogenous, HCI not tested, Fill material. Length Recovered:0.4 ft. Length Retained:0.4 ft.       10-     12 6 7     D-2       Well graded GRAVEL with sand, sub-rounded, with well graded Sand and light red mottled stain, medium dense, dark brown, moist, HCI not tested, Fill material.	5-       19       14         13-       13       13         10-       12       0-2         10-       7         10-       7         10-       7         11-       7         15-       2         16-       7         17-       0-3         18-       10-         19-       0-2         11-       10-         10-       7         10-       7         11-       7         11-       0-2         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3         11-       0-3 <t< td=""><td></td><td>Depth (ft)</td><td>Elevation (ft)</td><td>Profile</td><td>♦ ● ☑ 2</td><td>Moistu RQD</td><td>ure Content</td><td>80</td><td>(N) and/or RQD</td><td>Sample Type</td><td>Sample No. (Tube No.)</td><td>Lab</td><td>Tests</td><td>Description of Material</td><td>Groundwater</td><td>Instrument</td><td>-</td></t<>		Depth (ft)	Elevation (ft)	Profile	♦ ● ☑ 2	Moistu RQD	ure Content	80	(N) and/or RQD	Sample Type	Sample No. (Tube No.)	Lab	Tests	Description of Material	Groundwater	Instrument	-
	15- 15- 15- 15- 15- 15- 15- 15-					• I • I • I • I • I • I • I • I • I • I				19 14 (33) 12 6 7	X			•	graded Sand, dense, brown, moist, homogenous, HCI not tested, Fill material. Length Recovered:0.4 ft. Length Retained:0.4 ft. Well graded GRAVEL with sand, sub-rounded, with well graded Sand and light red mottled stain, medium dense, dark brown, moist, HCI not tested, Fill material.		KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.



Job No\_XL-3604-C Gp-70 SR

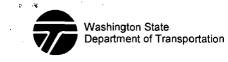
<u>I-5</u>

LOG	OF	TEST	BORING
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Elevation <u>ft</u>

Start Card R 77020	
HOLE No9 P-10	
Sheet <u>2</u> of <u>3</u>	
Driller Johnson, Vince	Lic# <u>2532</u>

25     0     0     0     0       25     0     0     0     0       30     0     0     0     0       30     0     0     0     0       30     0     0     0     0       30     0     0     0     0       30     0     0     0     0       31     0     0     0     0       32     0     0     0     0       35     0     0     0     0       35     0     0     0     0       35     0     0     0     0       35     0     0     0     0       36     0     0     0     0       37     0     0     0     0       38     0     0     0     0       39     0     0     0     0       39     0     0     0     0       39     0     0     0     0       39     0     0     0     0       39     0     0     0     0       39     0     0     0       4     0     0     <	Depth (ft)	Elevation (ft)	Profile		ield SPT loisture RQD 40	(N) Content 60 8	0	Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab	Tests	Description of Material	Groundwater	Instrument
25-     7       30-     7       30-     7       30-     7       7     12)       8     D-6       7     7       7     12)       90-     7       90-     7       7     12)       90-     7       90-     7       7     12)       90-     7       90-     7       90-     7       90-     7       90-     7       90-     15       90-     15       90-     15       90-     15       90-     15       90-     15       90-     15       90-     15       90-     15       90-     15       90-     15       90-     15       90-     15       90-7     16       90-7     16       90-7     16       90-7     16       90-7     17       90-7     16       90-7     17       90-7     16       90-7     17       90-7     16       90-7     17 <td>1 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>×</td> <td></td> <td></td> <td></td> <td>loose, dark brown, wet, HCl not tested, Fill material. Length Recovered:1 ft. Length Retained:1 ft.</td> <td>- -</td> <td></td>	1 1								×				loose, dark brown, wet, HCl not tested, Fill material. Length Recovered:1 ft. Length Retained:1 ft.	- -	
30-       0	- 25 - -			◆               				5 7	X	D-5			pieces of concrete, traces of Silt, medium dense, dark brown, wet, HCI not tested, Fill material.	-   - - -	
3       4         4       (7)         6       D-8         Sandy SILT, with 0.5' of poorly graded Sandin top of sample, traces of brownish orange mottled stain, loose, olive brown, moist, HCI not taken of drill site and surrounding area.         10-       (9)         4       (9)         A flush mount monument was installed on this boring.         RECEIVED         MAY 2 6 2010	- - 30 - - - -			♦				7 7	X	D-6			homogenous, HCI not tested, Changed out of Gravel at 28.0' as indicated by drilling. Length Recovered:1.5 ft. Length Retained:1.5 ft.	- ⊻ 	
5 4 (9) Sample, traces of brownish orange mottled stain, loose, olive brown, moist, HCl not tested, Pictures taken of drill site and surrounding area. Length Recovered:1.5 ft. Length Retained:1.5 ft. A flush mount monument was installed on this boring. RECEIVED MAY 2 6 2010			× * * * *	↓ .				4	X	D-7			not tested.		
MAY 2 6 2010	- - +0 - -		× × × × × × × × × × × × × × × × × × ×	•				5 4	X	D-8			sample, traces of brownish orange mottled stain, loose, olive brown, moist, HCI not tested, Pictures taken of drill site and surrounding area. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
													MAY 2 6 2010		



### LOG OF TEST BORING

Start Card R 77020

Job No.	<u>XL-3604-C</u>	<u> </u>	0

Elevation <u>ft</u>

SR

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Sheet	3	of	3
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· _		Project_	SR-500	) Tiger											Driller Johnson, Vince	.ic#2	2532
	Depth (ft)	Elevation (ft)	Profile	◆ ● 21	Moistu RQD	SPT (N) ure Con 60	tent	0	Blows/6" (N) and/or RQD FF	Sample Type	Sample No.	(Tube No.)	Lab	Tests	Description of Material	Groundwater	Instrument
															The implied accuracy of the borehole location information displayed on this boring log is typically sub-meter in (X,Y) when collected by the HQ Geotech Division and sub-centimeter in (X,Y,Z) when collected by the Region Survey Crew.		
	50 —														End of test hole boring at 40.5 ft below ground elevation. This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data. Note: REF = SPT Refusal		· · ·
															Bail/Recharge test: Hole Diameter: 4 Depth of boring during bail test: 40.5' Depth of casing during bail test: 39' Bailed bore hole water level to 35.3' Recharge after 1 minutes :35.1' Recharge after 2 minutes :33' Recharge after 3 minutes :31.8' Recharge after 5 minutes :31' Recharge after 10 minutes :30.3' Recharge after 15 minutes :30.3' Recharge after 30 minutes :29.1'		
	- 60 — -														water table after install was 29.1'		
OIL.GDT 4/28/10															RECEIVED		
SOILA XI-3604 SR5 TIGER.GPJ SOIL.GDT 4/28/10															MAY 2 6 2010 WA State Department of Ecology (SWRO)		

Ľ.	Please print, si	gn and return by mai	to Department of Ecology			
Report	<b>RESOURCE PROTECTION WE</b>	LL REPORT	CURRENT Not	ice of Intent No	RE 02254	
	(SUBMIT ONE WELL REPORT PER WELL	INSTALLED)	_			
Well	Construction/Decommission (select one) 30	7165050		e of Well (select on Resource Protecti		
3	Construction	-		Geotech Soil Bor		
this	of Intent Number		1 Frapers Owner City	al Manager	10.50	
	Consulting Firm _AMEC		Site-Address E. Europ	or particular	2 Recence St	
on	Unique Ecology Well ID	DEPARTME	NT OF LOOLOGY - EVEry	County (	2 lack	•
ы С	Tag No	WELL DI	NT SIFE COLOGY E EVErge RIL PING UNDINCOLLYEY Location <u>5E</u> 1/4-1/4 <u>NE</u>	$1/4$ Sec $\sqrt{27}$ Turn	R   Select One EWM	
Information	WELL CONSTRUCTION CERTIFICATION: IC	onstructed and/or	2000 anon <u>200</u> 1/ +- 1/4 <u>1/0</u>			1
E	accept responsibility for construction of this well, and its comp Washington well construction standards. Materials used and th		Lat/Long (s, t, r I	.at Deg	Lat Min/Sec	
ē	above are true to my best knowledge and belief.		still REQUIRED)	ong Deg	Long Min/Sec	
	Driller Engineer Traines Names (Print)	Angniano	Tax Parcel No			
he	Driller/Engineer /Trainee Signature Driller or Trainee License No2563	Anjum	Cased or Uncased Diam	neter <u>2"</u> Sta	atic Level <u>80'</u>	
ř.			Work/Decommission St	art Date <u>05-19</u> -	08	
and/o	If trainee, licensed driller's Signature and License No.		Work/Decommission Co	ompleted Date 05-	23-08	
aŭ				•		
ta	Construction/Design	w	ell Data	Formation	n Description	
Data		2" monitoring	Well constructed	0'-15'	sitts	
Je			)	0 10	1	
Warranty the		from 0'- 140'	using sonic	15'-130'	sandy gravels	
nt)		Method		15 -150	<u> </u>	
ra						
Val		Flush monu	ment	13'-142'	gravels	
					-	
Not		D" Craber Con			ł	
		or cassing fion	n 0'-80' of PVC n from 80'-140'		1	
oes		2" PVC Scree	n from 80'- 140'		1	
σ		.02 510	+		[	
ğ					1	
8					}	
Ecology		Bontonite AV	rout from 1-78'			-
of I		using 1 ba			1	
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Department		8×12 sand	from 78'- 142'		i	
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pal		Borthole dia	merci		I	,
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Ecology is an Equal Opportunity Employer.

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# RESOURCE PROTECTION WELL REPORT CURRENT Notice of Intent No. <u>SE44102</u>

(SUBMIT ONE WELL REPORT PER WELL INSTALLE)         Construction/Decommission ("x" in box)         ☑ Construction         ☑ Decommission         ORIGINAL INSTALLATION Notice of Intent Number:	Type of Well ("x in box) Resource Protection Geotech Soil Boring Property Owner <u>Vancouver Housing Authority</u>
Consulting Firm	Site Address <u>14<sup>th</sup> &amp; Esther Street</u> County <u>Clark</u>
Unique Ecology Well IDTag No	Location $\underline{NE1/4-1/4} \underline{SE1/4} \operatorname{Sec} \underline{27} \operatorname{Twn} \underline{2N} \operatorname{R} \underline{1E}$ vell EWM $\square$ or WWM $\square$
If trainee, licensed driller's Signature and License Number:	Work/Decommission Completed Date <u>11/14/2011</u>
	Vell Data         Formation Description           Mud Rotary boring for         Gravel 0-7'

				Sand & Gravel 16-30'
	-			
		√30 <sup>′</sup>		
	[]	1 30		
C		<b>)</b> //		
	9 18			
				RECEIVED
				NOV 22 2011
				WA State Department of Ecology (SWRO)



# RESOURCE PROTECTION WELL REPORT

RESOURCE PROTECTION WELL REPORT		CURRENT Notice of Intent No. AE15475			
		Property Owner <u>Va</u>		Protection oil Boring	
SE44102 Consulting Firm Unique Ecology Well IDTag No.		Site Address <u>14<sup>th</sup> &amp;</u> City <u>Vancouver</u>	Esther St		County <u>Clark</u>
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to		Location $\underline{NE1/4-1/4} \underline{SE1/4}$ Sec $\underline{27}$ Twn $\underline{2N}$ R $\underline{1E}$ EWM $\boxtimes$ or WWM $\square$			
my best knowledge and belief.  Driller Engineer Trainee Name (Print Last, First Name) <u>Wiggins, Richard</u> Driller/Engineer /Trainee Signature	ant Ulippone	Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Long Deg	Min	Sec
Driller or Trainee License No. <u>3042</u>		Cased or Uncased D			evel <u>None</u>
If trainee, licensed driller's Signature and I	License Number:	Work/Decommissio Work/Decommissio			
Construction Design	Well D			nation Desc	ription

1	Decommissioned (1) 30' mud rotary	Gravel 0-7'	
	boring using (7) 50 lb. sacks of bentonite grout 30-2' & (2) Sacks of	Cobbles 7-16'	
		Sand & Gravel 16-30'.	
		Boring Decommissioned as described under well data.	
130'			
1 7/0" 30			
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		RECEIVED	
		NOV 2 2 2011	
		WA State Department	
		of Ecology (SWRO)	



# RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

**Construction/Decommission** ("x" in box)

Construction

Decommission

ORIGINAL INSTALLATION Notice of Intent Number:

Consulting Firm \_\_\_\_

Unique Ecology Well IDTag No.

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller □ Engineer □ Trainee
 Name (Print Last, First Name) <u>Wiggins, Richard</u>
 Driller/Engineer /Trainee Signature <u><u>K</u>uchand</u>
 <u>Wiggm</u>
 Driller or Trainee License No. <u>3042</u>

If trainee, licensed driller's Signature and License Number:

### CURRENT Notice of Intent No. SE44102

Тур	e of Well ("x in box)
	<b>Resource Protection</b>
$\boxtimes$	Geotech Soil Boring

Property Owner Vancouver Housing Authority

Site Address 14<sup>th</sup> & Esther Street

City Vancouver

County Clark

Location  $\underline{NE}1/4-1/4 \underline{SE}1/4 \operatorname{Sec} \underline{27} \operatorname{Twn} \underline{2N} \operatorname{R} \underline{1E}$ EWM  $\boxtimes$  or WWM  $\square$ 

Lat/Long (s, t, r	Lat Deg	Min	_Sec
still REQUIRED)	Long Deg	_Min	_Sec
Tax Parcel No			
Cased or Uncased Diameter <u>4.87</u> Static Level <u>None</u>			vel None
Work/Decommission Start Date 11/14/2011			
Work/Decommission Completed Date 1/1/2011			

Construction Design	Well Data	Formation Description
	Drilled (1) 30' Mud Rotary boring for	Gravel 0-7'
	geotechnical purposes	Cobbles 7-16'
		Sand & Gravel 16-30'
		· · · · · ·
1,30		
<u> </u>		
~u7/8"		
1,10		
		RECEIVED
		NOV 222011
		WA State Department of Ecology (SWRO)
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## RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

**Construction/Decommission** ("x" in box)

Construction

Decommission

ORIGINAL INSTALLATION Notice of Intent Number:

SE44102

Consulting Firm \_

Unique Ecology Well IDTag No.

WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

□ Driller □ Engineer □ Trainee Name (Print Last, First Name) <u>Wiggins, Richard</u> Driller/Engineer /Trainee Signature <u>Ruman</u> Wighma Driller or Trainee License No. <u>3042</u>

If trainee, licensed driller's Signature and License Number:

CURRENT Notice of Intent No. AE15475

<b>Type of Well</b> ("x in box)
Resource Protection
Geotech Soil Boring

Property Owner Vancouver Housing Authority

Site Address 14<sup>th</sup> & Esther St

City Vancouver

\_\_\_County Clark

Location  $\underline{NE}$  1/4-1/4  $\underline{SE}$  1/4 Sec  $\underline{27}$  Twn  $\underline{2N}$  R  $\underline{1E}$ EWM  $\boxtimes$  or WWM  $\square$ 

Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Lat Deg Long Deg		Sec	
Cased or Uncased D	0iameter <u>4.87</u>	Static 1	Level None	
Work/Decommission Start Date 11/14/11				
Work/Decommission Completed Date 11/14/11				

Construction Design	Well Data	Formation Description
	Decommissioned (1) 30' mud rotary boring using (7) 50 lb. sacks of	Gravel 0-7' Cobbles 7-16'
	bentonite grout 30-2' & (2) Sacks of Gravel 2-0'.	Sand & Gravel 16-30'.
		Boring Decommissioned as described under well data.
130'	· · · · · ·	
471g"		
		RECEIVED NOV 22-2011
		NOV 2.2.2011 WA State Department of Ecology (SWRQ)



# RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED) Construction/Decommission ("x" in box) ⊠ Construction

Decommission

ORIGINAL INSTALLATION Notice of Intent Number:

Consulting Firm \_

Unique Ecology Well IDTag No.

WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

A Driller □ Engineer □ Trainee
 Name (Print Last, First Name) <u>Wiggins, Richard</u>
 Driller/Engineer /Trainee Signature <u>fuctual</u> Wiggins
 Driller or Trainee License No. <u>3042</u>

If trainee, licensed driller's Signature and License Number:

<b>CURRENT Notice of Intent No. SE441</b>
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Тур	e of Well ("x in box)
	<b>Resource Protection</b>
$\boxtimes$	Geotech Soil Boring

County Clark

Property Owner Vancouver Housing Authority

Site Address <u>14<sup>th</sup> & Esther Street</u>

City Vancouver

Location  $\underline{NE}$  1/4-1/4  $\underline{SE}$  1/4 Sec  $\underline{27}$  Twn  $\underline{2N}$  R  $\underline{1E}$ EWM  $\boxtimes$  or WWM  $\square$ 

Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Lat Deg Long Deg	Min	Sec	
Cased or Uncased D				
Work/Decommission Start Date 11/15/2011				
Work/Decommission Completed Date 11/15/2011				

Construction Design	Well Data	Formation Description
1 1	Drilled (1) 30' Mud Rotary boring for	Gravel 0-7'
	geotechnical purposes	Cobbles 7-16'
		Sand & Gravel 16-30'
1430		
4 7/8"		
4 78		
		RECEIVED
		NOV 22 2011
		WA State Department
		of Ecology (SWRO)



# Please print, sign and return to the Department of Ecology RESOURCE PROTECTION WELL REPORT CURRENT Notice of Inter

RESOURCE PROTECTION WELL REPORT         (SUBMIT ONE WELL REPORT PER WELL INSTALLED)         Construction/Decommission ("x" in box)         Construction         Decommission	CURRENT Notice of Intent No. <u>AE15475</u> Type of Well ("x in box) Resource Protection Geotech Soil Boring	
ORIGINAL INSTALLATION Notice of Intent Number:	Property Owner Vancouver Housing Authority	
SE44102	Site Address 14 <sup>th</sup> & Esther St	
Consulting Firm	City Vancouver County Clar	
Unique Ecology Well IDTag No		
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to	Location <u>NE</u> 1/4-1/4 <u>SE</u> 1/4 Sec 27 Twn 2N R <u>1E</u> EWM $\square$ or WWM $\square$	
my best knowledge and belief.  Driller Engineer Trainee Name (Print Last, First Name) Wiggins, Richard Driller/Engineer /Trainee Signature	Lat/Long (s, t, r       Lat Deg Min Sec         still REQUIRED)       Long Deg Min Sec         Tax Parcel No.	
Driller or Trainee License No. <u>3042</u>	Cased or Uncased Diameter <u>4.87</u> Static Level <u>None</u>	
If trainee, licensed driller's Signature and License Number:	Work/Decommission Start Date <u>11/15/11</u> Work/Decommission Completed Date <u>11/15/11</u>	
Construction Design Well D	Data Formation Description 1) 30' mud rotary Gravel 0-7'	

	Decommissioned (1) 30' mud rotary	Gravel 0-7'
	boring using (7) 50 lb. sacks of bentonite grout 30-2' & (2) Sacks of	Cobbles 7-16'
	Gravel 2-0'.	Sand & Gravel 16-30'.
		Boring Decommissioned as described under well data.
30'		
¥ 7/8"		
		RECEIVED
		NOV 22 2011
		WA State Department of Ecology (SWRO)
	L	L

435624

# RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

**Construction/Decommission** ("x" in box)

Construction

Decommission

ORIGINAL INSTALLATION Notice of Intent Number:

Consulting Firm \_\_\_\_\_

Unique Ecology Well IDTag No. \_\_\_\_\_

WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

⊠ Driller □ Engineer □ Trainee Name (Print Last, First Name) <u>Wiggins, Richard</u> Driller/Engineer /Trainee Signature Kuller & Wieght Driller or Trainee License No. <u>3042</u>

If trainee, licensed driller's Signature and License Number:

<b>CURRENT Notice</b>	of	Intent	No.	<u>SE441</u>	<u>02</u>
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<b>Type of Well</b> ("x in box)
Resource Protection
Geotech Soil Boring

County Clark

			•	
Property Owner	Vancouver	Housing	Authorit	y

Site Address 14<sup>th</sup> & Esther Street

City Vancouver

Location  $\underline{NE}^{1/4-1/4} \underline{SE}^{1/4} \operatorname{Sec} \underline{27} \operatorname{Twn} \underline{2N} \operatorname{R} \underline{1E}$ 

EWM  $\boxtimes$  or WWM  $\square$ 

Lat/Long (s, t, r	Lat Deg	Min	Sec	
still REQUIRED)	Long Deg	Min	Sec	
Tax Parcel No				
Cased or Uncased D	iameter <u>4.87</u>	Static I	Level <u>None</u>	
Work/Decommissio	n Start Date <u>11/</u>	15/2011		
Work/Decommissio	n Completed Da	te 11/15/20	11	

Construction Design	Well Data	Formation Description
	Drilled (1) 30' Mud Rotary boring for	Gravel 0-7'
	geotechnical purposes	
		Cobbles 7-16'
		Sand & Gravel 16-30'
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4 1/8'		
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		prove your and prove that
		RECEIVED
		NOV 22 2011
		WA State Department
		of Ecology (SWRO)
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# RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

**Construction/Decommission** ("x" in box)

Construction

Decommission

ORIGINAL INSTALLATION Notice of Intent Number:

SE44102

Consulting Firm \_\_\_\_\_

Unique Ecology Well IDTag No.

WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Wiggins, Richard 2	
Driller/Engineer /Trainee Signature Kichard Ma	hlas
Driller or Trainee License No. <u>3042</u>	11.

If trainee, licensed driller's Signature and License Number:

CURRENT Notice of Intent No. AE15475

<b>Type of Well</b> ("x in box)
Resource Protection
Geotech Soil Boring

Property Owner Vancouver Housing Authority

Site Address <u>14<sup>th</sup> & Esther St</u>

County Clark

Location  $\underline{NE}$  1/4-1/4  $\underline{SE}$  1/4 Sec  $\underline{27}$  Twn  $\underline{2N}$  R  $\underline{1E}$ EWM  $\boxtimes$  or WWM  $\square$ 

Lat/Long (s, t, r	Lat Deg	Min	Sec	
still REQUIRED)	Long Deg	Min	Sec	
Tax Parcel No				
Cased or Uncased D	Diameter <u>4.87</u>	Static I	Level None	
Work/Decommission Start Date 11/15/11				
Work/Decommissio	n Completed Da	te 11/15/11		

Construction Design	Well Data	Formation Description
	Decommissioned (1) 30' mud rotary	Gravel 0-7'
	boring using (7) 50 lb. sacks of bentonite grout 30-2' & (2) Sacks of	Cobbles 7-16'
	Gravel 2-0'.	Sand & Gravel 16-30'.
		Boring Decommissioned as described under well data.
1 \$30		
4 7/8"		
4 118		
		<b>Bands Bann David Frank &amp; D. Bank Band</b>
		RECEIVED
		NOV 222011
		WA State Department
		of Ecology (SWRO)

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID. 21050+ (page 1 of 1)

291209 **RESOURCE PROTECTION WELL REPORT** START CARD NO. RO41086 and/or the Information on this Well Report Statium COUNTY: Clark PROJECT NAME: Gatoway LOCATION SETA NWA Sec 27 TWNZN RIE WELL IDENTIFICATION NO. EET ADDRESS OF WELL: 415 W. LOMST DRILLING METHOD: stherstand W.5th Street Vancouver DRILLER Diadles <u>6</u>e0 FIRM: WATER LEVEL ELEVATION: SIGNATURE: GROUND SURFACE ELEVATION: INSTALLED: 3-18-99 ter CONSULTING FIRM: REPRESENTATIVE: Fa nitter **DEVELOPED:** 7Flus) WELL DATA FORMATION DESCRIPTION BUILT Ready 121 10 Holeping € sand gravel The Department of Ecology does NOT Warranty the Data 20 70 Π 2: 30 3D SX12 sand Field Slot 1 I.  $\overline{\mathcal{O}}$ RECEIVED SEP 1 4 1999 DEPARIMENT OF ECOLOGY WELL DRILLING UNIT 10 SCALE: 1" -\_\_\_ OF PAGE ECY 050-12 (Rev. 11/89)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Department of Ecology Well Log Image System

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: 210000 (page 1 of 1) The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report. 3 piezo's const. the same 290947 **RESOURCE PROTECTION WELL REPORT** ł START CARD NO. 204036 The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report ののののののの Stadium task PROJECT NAME: Gateway COUNTY: LOCATION: SE14 NW14 Sec 27 TWN 2N R IE WELL IDENTIFICATION NO. 415W. 10thSt-DRILLING METHOD: Mud Kotan TREET ADDRESS OF WELL: her stand W. 5th stleet, Varrouver DRILLER: Jradley 000 Ve. WATER LEVEL ELEVATION: FIRM 1-20A SIGNATURE: Dently GROUND SURFACE ELEVATION: INSTALLED: 8.16 + 8-18 CONSULTING FIRM: Cold Sniffen DEVELOPED: REPRESENTATIVE WELL DATA FORMATION DESCRIPTION Mix egy RECEIVED Holeplus SEP 1 4 1999 DEPASTMENT OF ECOLOGY WELL DRILLING UNIT  $\boldsymbol{\mathcal{N}}$ 20 sand 30 30 Z:501 aX)こ 4D .sano Field slot Y Ю SCALE: 1" = PAGE OF ECY 050-12 (Rev. 11/89)

Department of Ecology Well Log Image System

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: 2000 (page 1 of 1) The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report 3 piezo's const. the same 290948 **RESOURCE PROTECTION WELL REPORT** START CARD NO. 2041086 PROJECT NAME: Gateway Stadium Clark COUNTY: 21 TW12N R 1E LOCATION: SE4 NIN 14 Sec WELL IDENTIFICATION NO. 415W. (onst-LOTA DRILLING METHOD: Mud STREET ADDRESS OF WELL: ther stand W. 5th Street, Varouver DRILLER: 500 dev ie loo ben Ve. WATER LEVEL ELEVATION: FIRM: **GROUND SURFACE ELEVATION:** SIGNATURE: Danilly INSTALLED: 8.16 58-18 **CONSULTING FIRM:** aniffer DEVELOPED: REPRESENTATIVE WELL DATA FORMATION DESCRIPTION eady لانا ı) D RECEIVED Holeplus SEP 1 4 1999 DEPASYMENT OF ECOLOGY WELL DRILLING UNIT ZØ 30 30 Sand T Grave kiser sand EX12 4D Field slot D SCALE: 1"= PAGE OF ECY 050-12 (Rev. 11/89)

Department of Ecology Well Log Image System

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: 2000 (page 1 of 1) 3 piezo's const. the same 290949 1 **RESOURCE PROTECTION WELL REPORT** START CARD NO ROYDEL The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.  $\mathcal{R}$   $\mathcal{S}$   $\mathcal{S}$   $\mathcal{S}$   $\mathcal{S}$   $\mathcal{S}$   $\mathcal{S}$ Stadium PROJECT NAME: Catewall lask COUNTY: \_ 7-2+3 LOCATION: SE14 NW14 Sec 27 TWN 2N R\_IE STREET ADDRESS OF WELL: 415W. (545)-WELL IDENTIFICATION NO. Mind Lotary DRILLING METHOD: sther stand W. Stristleet, Varrouver DRILLER: Jradley <u>beo</u> WATER LEVEL ELEVATION: SIGNATURE: **GROUND SURFACE ELEVATION:** Zand INSTALLED: 8.16 + 8-18 **CONSULTING FIRM:** niffen REPRESENTATIVE: DEVELOPED: WELL DATA FORMATION DESCRIPTION Mix eady 10 10 .Holeplug RECEIVED ¢ SEP 1 4 1999 DEPASTMENT OF ECOLOGY WELL DRILLING UNIT **Z**0 3D 30 Sand T Gravel Ziser ſ. exiz sand 40L т 50 50 Field slot 1 D SCALE: 1" = PAGE OF ECY 050-12 (Rev. 11/89)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

Department of Ecology Well Log Image System

START CARD NO. <u>50140</u>3 PROJECT NAME: Ester Short Condos COUNTY: Clark WELL IDENTIFICATION NO. B-1, Geotech Boring LOCATION: SE14 NW14 Sec 27 Twn 2 R 1 E STREET ADDRESS OF WELL: NW COrner of West DRILLING METHOD: Hollow stem Auger 9th st and Columbia St., Vanc. WIZ Curtis Ehlers DRILLER: FIRM: Braun Interfee Corp. WATER LEVEL ELEVATION: No Ground water GROUND SURFACE ELEVATION: \_\_\_\_\_53.5 FL Cuts cEhlers SIGNATURE:\_ CONSULTING FIRM: Braun Intertec INSTALLED: 4-13-98 REPRESENTATIVE: Curtis Shlers DEVELOPED: \_\_\_\_ FORMATION DESCRIPTION AS-BUILT WELL DATA Т Fill - Brown SILT wy gravel 3/4110 Hollow Stem Auger Boring Abondoned using 1 granular Bentonite Geotechnical Boring Brown gray Coarse brand 5 57 10 10 -Т T15 157 TO 16.5 Ft 1 JUL 2 6 1999 DEMININE OF SUCCOUS SCALE: 1" = \_\_\_\_\_5 ft PAGE\_ \_OF\_\_\_]

PROJECT NAME: Ester Short Condos	
	(
WELL IDENTIFICATION NO. B-2, Geotech Boring	I
DRILLING METHOD: Hollow Stem Auger	:
DRILLER: Curtis Ehlers	-
FIRM: Braun Thterter Coro	۱
SIGNATURE: CUASCELUS	0
CONSULTING FIRM: Braun Interfec	1
REPRESENTATIVE: Curtis Ehlers	1

START CARD NO. <u>501403</u>
COUNTY: Clark
LOCATION: 5E14 111/14 Sec 27 Twn 2 R / E
STREET ADDRESS OF WELL: NW COrner of WEST
9th Stand Columbia St, Vanc. WA
WATER LEVEL ELEVATION: NO GROUND WATER
GROUND SURFACE ELEVATION: 57 Ft
INSTALLED: 4-13-98

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
	3 1/4 ED Hollow Stem Anger	Fill-Brownsitt wy gravel & Concrete debus
Boring Arbandoned usine	Geotechnical Boring	
1 granular Bentonite	]	Brown gray Coarse bravel i
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RE	SOURCE PROTECT	
EL al	1 1 .	START CARD NO. <u>50140</u> 3
PROJECT NAME: Ester Sh		COUNTY: Clark
WELL IDENTIFICATION NO. B-3		LOCATION: 5E14 NW14 Sec 27 Twn 2 R 1 E
DRILLING METHOD: Ho(low) S		STREET ADDRESS OF WELL: NW Corner of West
DRILLER: Curtis Sh		9th st and Columbia St., Vanc. WA
FIRM: Braun Intert	the Corp	WATER LEVEL ELEVATION: ALO Groundwater
SIGNATURE: <u>Curtos</u>	chus	GROUND SURFACE ELEVATION: <u>55 ft</u>
CONSULTING FIRM: ISraun		INSTALLED: 4-13-98
REPRESENTATIVE: Curtiz Ehlers		DEVELOPED:
AS-BUILT	WELL DATA	FORMATION DESCRIPTION
T		
I	3 1/4 10 Hollow Ste	MARCEN Fill- Brown SILT WI STAVEL 1
Sector NI and Alexand		
Doring resenconed using	Geotechnical Boi	ning
Boring Abendoned Using T-Svanular Bentonite		
		Brown array Amaria and
		Brown gray Coarse gravel
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SCALE: 1" = <u>5 H</u>	PAGE	OF

PROJECT NAME: Esther Short Condos
WELL IDENTIFICATION NO. B-4 (Scotch Bonne
DRILLING METHOD: Hollow stem Duger
DRILLER: Curtix Etglers
FIRM: Braun Interfee Com
SIGNATURE: 1445 Eblos
CONSULTING FIRM: Braun Interfec
REPRESENTATIVE: Cuti Ehlers

START CARD NO. 501403 COUNTY: Clark LOCATION: SE14 NW14 Sec 27 Twn 2 R / E STREET ADDRESS OF WELL: AW Corner of West 9th stand Columbia st, Vanc. WA WATER LEVEL ELEVATION: NO Coround water GROUND SURFACE ELEVATION: 56 Ft INSTALLED: <u>4-13-98</u>\_\_\_\_\_ DEVELOPED: \_\_\_\_\_

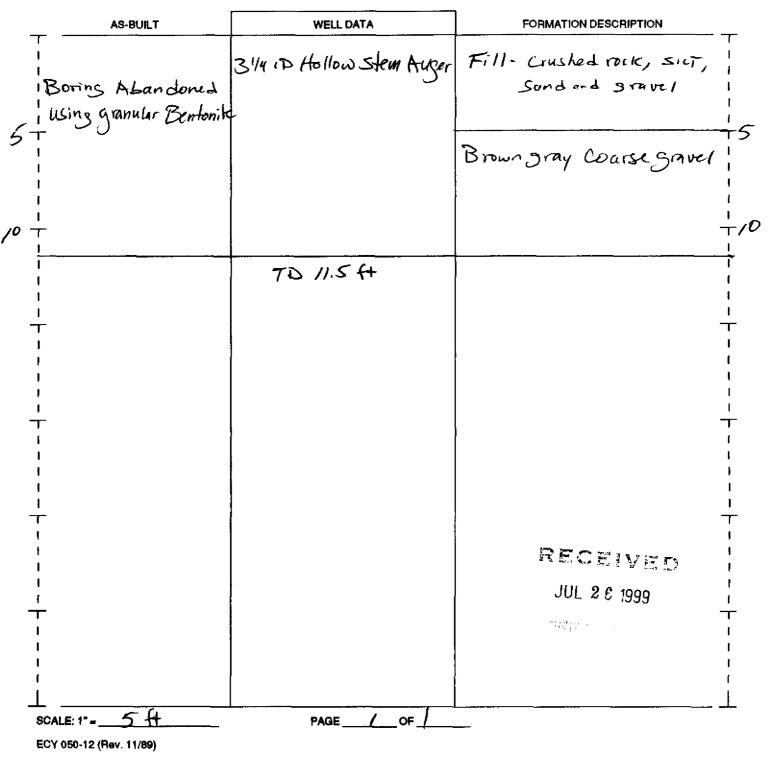
AS-BUILT	WELL DATA	FORMATION DESCRIPTION
Borins Abandoned	3 1/410 Hollow stem Auger Gestechnical Bonins	FORMATION DESCRIPTION Fill- Brown SICT, Sand and Sravel Brown Gray Coarse gravel T
I Using Granular Bentonits		Brown Gray Coarse gravel +
	70 16.5 ft	
1		RECEIVED
     		JUL 2 6 1999
1		

START CARD NO. SO1403 PROJECTNAME: Esther Short Condos CLark COUNTY: WELL IDENTIFICATION NO. R-5, Geotech Bonne LOCATIONSEN NW14 Sec 27 Twn 2 R 1 E DRILLING METHOD: Hollow Stem Duser STREET ADDRESS OF WELL: NW Corner of west 9th st and Columbia St., Vanc. WA Curtie Ehler DRILLER: Braun Intertec WATER LEVEL ELEVATION: No Loround water Corp. FIRM: GROUND SURFACE ELEVATION: \_\_\_\_\_53\_ft Acc Ehles SIGNATURE: Braun Interes INSTALLED: 4-13-98 CONSULTING FIRM:\_ Curris Enlers **REPRESENTATIVE:** DEVELOPED: FORMATION DESCRIPTION WELL DATA AS-BUILT 3 1/10 Hollow Stem Puger Geotechnical Boring Fill-Brown SILT WI STADEL Boring Abandone Lucsing Granular Bentonite 5 5 Brown Sray Coarse gravel 10+ т /0 Ł TD 11.5ft 1 RECEIVED JUL 2 6 1999 DEPARTMENT OF COOLUCE ++ SCALE: 1" = 5 PAGE OF ECY 050-12 (Rev. 11/89)

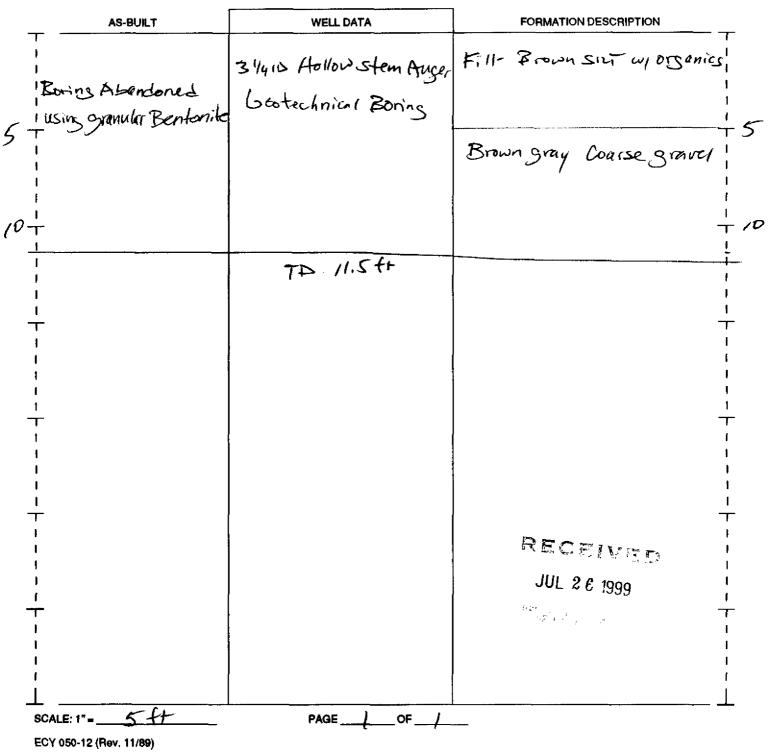
START CARD NO. SO1403 PROJECT NAME: Esther Short Condo's Clark COUNTY: WELL IDENTIFICATION NO. B-10, Geotech Boring LOCATION: 3E14 NW14 Sec 27 Twn 2 R / E DRILLING METHOD: Hollow Stem Aruger STREET ADDRESS OF WELL: NW Corner of WCST DRILLER: LUAIS ENLERS 9th stand Columbia St. Vanc WA WATER LEVEL ELEVATION: No loround water Braun Interter Corp. FIRM: GROUND SURFACE ELEVATION: 53 ft who Eplers SIGNATURE:\_ INSTALLED: 4-13-98 CONSULTING FIRM: Braun Interec Justic Eplers **REPRESENTATIVE:** DEVELOPED: FORMATION DESCRIPTION AS-BUILT WELL DATA Fill- Brown SILT WI OBANICS, Boring Abandoned using 31/4 12 Hollowstern Auger gravel, debris granular Benfonite Geotechnical Boning Brown Sandy SILT 5т*S* Brown Bray COArse Gravel 10 . 10 Brown Sandy Silt ß 15 Gray Coarse Gravel 20 T 20 TD 21.5 ft RECEIVED JUL 2 € 1000 41 OF SCALE: 1" = \_ PAGE

PROJECT NAME: <u>Esther</u>, Short Condo's WELL IDENTIFICATION NO. B-7 Gestach Boring DRILLING METHOD: <u>Hollow</u> Stein Buger DRILLER: <u>Units Ehlers</u> FIRM: <u>Braun Entertec</u> CONSULTING FIRM: <u>Braun Entertec</u> REPRESENTATIVE: <u>Units Ehlers</u>

START CARD NO. SO1403 COUNTY: CLAYIS LOCATION: SE14 NW14 Sec 27 Twn 2 R 1 E STREET ADDRESS OF WELL: NW Corner of West 9th St and Columbiast., Vanc, WA WATER LEVEL ELEVATION: A/D bround water GROUND SURFACE ELEVATION: 53.5 Ft INSTALLED: 4-14-98 DEVELOPED:



	START CARD NO. <u>SO140</u> 3
PROJECT NAME: Esther short Condo's	COUNTY: Clark
WELL IDENTIFICATION NO. B-8, 1200+Cch Boing	LOCATION: SE14 NW/4 Sec 27 Twn 2 R LE
DRILLING METHOD: Hollow Sten Auger	STREET ADDRESS OF WELL: NW Corner of West 9th Stand Columbia St, Vanc, W13
DRILLER: Unit's Effers	9th stand Columbia st, Vanc, WIS
FIRM: Braun Interfre Corp	WATER LEVEL ELEVATION: No Lo round water
SIGNATURE: CUASTER ELUS	GROUND SURFACE ELEVATION: 33 Ft
CONSULTING FIRM: Braun Intertre	INSTALLED: 4-14-98
REPRESENTATIVE: <u>Curtis Ehlers</u>	DEVELOPED:



PROJECT NAME: Esther Short Condos WELL IDENTIFICATION NO. B-9, Geotech Borins DRILLING METHOD: Hollow Sten Auger DRILLER: Curtis Ehlers FIRM: Brawn Enterter Corp SIGNATURE: Curtis Ehlers CONSULTING FIRM: Brayn Enterter REPRESENTATIVE: Curtis START CARD NO. <u>SO1403</u> COUNTY: <u>Clark</u> LOCATION: <u>SE14</u> <u>NW14</u> Sec 27 Twn <u>Z</u> R <u>I</u><u>E</u> STREET ADDRESS OF WELL: <u>NW</u> <u>Cornes</u> of <u>West</u> <u>9th</u> <u>St</u> <u>and</u> <u>Columbia</u> <u>st</u>, <u>Vanc</u>. <u>WH</u> WATER LEVEL ELEVATION: <u>No Loround</u> <u>water</u> GROUND SURFACE ELEVATION: <u>Sle ft</u> INSTALLED: <u>4-16-98</u> <u>DEVELOPED</u>:

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
Boning Abandoned	31/4 10 Hollow Stem Auger	Fill- Crusted rock, SIGT
IUSing Granulor Bentonite	Gcotechnical Boning	Gray Coarse Gravel
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scale: 1" = [4	PAGEOF	<b>_</b>

Job Number:	XL-3604-H
Boring:	CRC-TR39-12

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		Boring: CRC-TR39-12			
· · · ·	return to the Departme	ent of Ecology			
RESOURCE PROTECTION WELL REI	PORT CURREN	Notice of Intent No. SE-46816/AE-19854			
(SUBMIT ONE WELL REPORT PER WELL INSTALL Construction/Decommission ("x" in box)	ED)	Type of Well ("x in box) Resource Protection $475194$			
Decommission	Property Owner <u>\</u>	Geotech Soil Boring			
ORIGINAL INSTALLATION Notice of Intent Number:		c of W 11th and Washington			
Consulting Firm WSDOT		County Clark			
Unique Ecology Well IDTag No.					
WELL CONSTRUCTION CERTIFICATION: 1 constructed and accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information	reported Lat/Long (s, t, r	— Lat Deg MinSec			
above are true to my best knowledge and belief.	still REQUIRED)				
X Driller Engineer Traince Name (Print Last, First Name) Nelson, Brad	Tax Parcel No				
Driller/Engineer /Trainee Signature	<u>.</u>	Diameter 4" Static Level 25.7'			
Driller or Trainee License No. 2969	Work/Decommiss	sion Start Date 12/11/2012			
If trainee, licensed driller's Signature and License Number	er: Work/Decommiss	sion Completed Date <u>12/11/2012</u>			
Construction Design	Well Data	Formation Description			
		0 - 0.5 ft Pavement			
		0.5 - 19 ft Gravel with sand and silt			
		19 - 31 ft Sand with gravel			
		RECEIVED			
		JAN 1 6 2013			
		WA State Department			
	٨	WA State Department of Ecology (SWRO)			

SCALE: 1"=

ECY 050-12 (Rev. 7/06)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

SOURCE PROTECTION W BMIT ONE WELL REPORT PER WE		CURREI	NT Notice of Int Type of Well	ent No. <u>SE-46816/A</u>	
istruction/Decommission ("x" in box)			Resource <b>X</b> Geotech	e Protection $4^{\prime}$	751
Decommission GINAL INSTALLATION Notice of Intent N	Jumbar	Property Owner	· —	Son Boring	
JINAL INSTALLATION NOTICE OF IMEEN P	umber.		Vic of 11th and Washir	ngton	
sulting Firm _WSDOT	· · · · · · · · · · · · · · · · · · ·			y <u>Clark</u>	
ue Ecology Well IDTag No	•	Location SE	1/4-1/4 <u>NW</u> 1/4 S	ec _27 _ Twn _2 N	R <u>1</u>
L CONSTRUCTION CERTIFICATION	: I constructed and/or	EWM 🛛 or W	WM 🔲		
t responsibility for construction of this well, and its a ington well construction standards. Materials used a	compliance with all and the information reported	Lat/Long (s, t, r	r Lat Deg	MinSec	
are true to my best knowledge and belief.		still REQUIRE	D) Long Deg	MinSec	
riller 🔲 Engineer 🔲 Trainee					
(Print Last First Name) Nelson, Brad		•			
er/Engineer /Trainee Signature 1500		Cased or Uncas			
ler/Engineer /Trainee Signature <u>1960</u> ler or Trainee License No. <u>2469</u>		Work/Decomm	ission Start Date	12/13/2012	
ler/Engineer /Trainee Signature <u>1960</u> ler or Trainee License No. <u>2469</u>	License Number:	Work/Decomm		12/13/2012	
er/Engineer /Trainee Signature <u>Jer (</u> er or Trainee License No. <u>2469</u>	License Number:	Work/Decomm	nission Start Date	12/13/2012 Date	
er/Engineer /Trainee Signature <u>Jer (</u> er or Trainee License No. <u>2469</u>		Work/Decomm	nission Start Date nission Completed D For	12/13/2012 Date 12/13/2012	
er/Engineer /Trainee Signature 1960 er or Trainee License No. 2469 ainee, licensed driller's Signature and I		Work/Decomm Work/Decomm	nission Start Date nission Completed D For 0 - 0.7 ft	12/13/2012 Date 12/13/2012 rmation Description Pavement	1
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ler/Engineer /Trainee Signature 1940 U ler or Trainee License No. 2469 ainee, licensed driller's Signature and I		Work/Decomm Work/Decomm	nission Start Date nission Completed D For 00.7 ft 0.7 - 29 ft	12/13/2012 Date <u>12/13/2012</u> rmation Description Pavement Gravel with sand and	1
er/Engineer /Trainee Signature 1960 er or Trainee License No. 2469 ainee, licensed driller's Signature and I		Work/Decomm Work/Decomm	nission Start Date nission Completed D For 00.7 ft 0.7 - 29 ft	12/13/2012 Date <u>12/13/2012</u> rmation Description Pavement Gravel with sand and	1
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er/Engineer /Trainee Signature 1960 er or Trainee License No. 2469 ainee, licensed driller's Signature and I		Work/Decomm Work/Decomm	nission Start Date nission Completed D For 00.7 ft 0.7 - 29 ft	12/13/2012 Date <u>12/13/2012</u> rmation Description Pavement Gravel with sand and	1
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er/Engineer /Trainee Signature 1960 er or Trainee License No. 2469 ainee, licensed driller's Signature and I		Work/Decomm Work/Decomm	nission Start Date nission Completed D For 00.7 ft 0.7 - 29 ft	12/13/2012 Date <u>12/13/2012</u> rmation Description Pavement Gravel with sand and	1
e (Print Last, First Name) Nelson, Brad ler/Engineer /Trainee Signature <b>Jule</b> ler or Trainee License No. <b>2969</b> rainee, licensed driller's Signature and I Construction Design		Work/Decomm Work/Decomm	nission Start Date nission Completed D For 00.7 ft 0.7 - 29 ft	12/13/2012 Date <u>12/13/2012</u> rmation Description Pavement Gravel with sand and	1

ECY 050-12 (Rev. 7/06)

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WA State Department of Ecology (SWRO)

Job Number:	XL-3604-H
Boring:	CRC-TR39-12

	Boring: CRC-1R39-12			
<b>RESOURCE PROTECTION WELL REPOR</b>	T CURRENT Notice of Intent No. SE-46816/AE-19854			
(SUBMIT ONE WELL REPORT PER WELL INSTALLED) Construction/Decommission ("x" in box)	Type of Well ("x in box)			
Construction/Decommission ( $x m b a x$ ) Construction	Resource Protection			
Decommission	Geolech Soll Bolling			
ORIGINAL INSTALLATION Notice of Intent Number:	Property Owner WSDOT			
	Site Address Vic of W 11th and Washington			
Consulting Firm WSDOT				
Jnique Ecology Well IDTag No.	- Location <u>SE 1/4-1/4 NW 1/4 Sec 27</u> Twn <u>2 N</u> R <u>1</u>			
VELL CONSTRUCTION CERTIFICATION: I constructed and/or	EWM 🔲 or WWM 🔲			
ccept responsibility for construction of this well, and its compliance with all /ashington well construction standards. Materials used and the information reported	t Lat/Long (s, t, r Lat Deg Min Sec			
sove are true to my best knowledge and belief.	still REQUIRED) Long Deg Min Sec			
Driller 🔲 Engineer 🔲 Trainee	Tax Parcel No.			
In the second seco	Cased or Uncased Diameter4" Static Level25.7'			
Driller/Engineer /Traince Signature				
	- Work/Decommission Start Date			
f trainee, licensed driller's Signature and License Number:	Work/Decommission Completed Date 12/11/2012			
Construction Design Wel	Data Formation Description			
Construction Devign	0 - 0.5 ft Pavement			
	0.5 - 19 ft Gravel with sand and silt			
	19 - 31 ft Sand with gravel			
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ECY 050-12 (Rev. 7/06)

Boring was backfilled with bentonite hole plug to surface.

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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Job Number:	XL-3604-H
Boring:	CRC-TR-38-12

SUBMIT ONE WELL REPORT PER WEI         onstruction/Decommission ("x" in box)         Construction         Decommission         RIGINAL INSTALLATION Notice of Intent N		Property Owner <u>V</u>	•		
onsulting Firm WSDOT		Site Address       Vic of 11th and Washington         City			
nique Ecology Well IDTag No.					
/ELL CONSTRUCTION CERTIFICATION: cept responsibility for construction of this well, and its construction standards. Materials used an isove are true to my best knowledge and belief.	I constructed and/or ompliance with all	EWM 🔀 or WWI Lat/Long (s, t, r			
Driller 🗋 Engineer 🗋 Trainee ame (Print Last, First Name) Nelson, Brad		Tax Parcel No			
riller/Engineer /Traince Signature		Cased or Uncased	Diameter <u>4</u> " Static Level dry hole		
riller or Trainee License No. 2969		Work/Decommiss	ion Start Date 12/13/2012		
'trainee, licensed driller's Signature and L	icense Number:	Work/Decommiss	ion Completed Date <u>12/13/2012</u>		
Construction Design	Well I	Data	Formation Description		
			0 - 0.7 ft Pavement		
			0.7 - 29 ft Gravel with sand and silt		
			29 - 31 ft Sand with gravel		
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ESOURCE PROTECTION W	nt, sign and return /ELL REPORT	CURRENT	Notice of Intent No. SE-46816/AE-19854	
JBMIT ONE WELL REPORT PER WE instruction/Decommission ("x" in box)			Type of Well ("x in box)	
Construction			Resource Protection <b>9737</b> Geotech Soil Boring	
Decommission IGINAL INSTALLATION Notice of Intent N	lumber:	Property Owner <u>W</u>		
			of 11th and Washington	
nsulting Firm WSDOT	· ·	City	County Clark	
ique Ecology Well IDTag No		Location SE 1/4	-1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2 N</u> <u>R 1</u>	
ELL CONSTRUCTION CERTIFICATION		EWM 🔲 or WWM 🛄		
pt responsibility for construction of this well, and its c hington well construction standards. Materials used a	nd the information reported		Lat Deg MinSec	
ve are true to my best knowledge and belief.		still REQUIRED)		
Driller 🗋 Engineer 🔲 Trainee ne (Print Last, First Name)Nelson, Brad		Tax Parcel No		
ller/Engineer /Traince Signature _ Bull			Diameter Static Level	
ller or Trainee License No 2969			on Start Date 12/13/2012	
rainee, licensed driller's Signature and L	icense Number:	Work/Decommission	on Completed Date <u>12/13/2012</u>	
	······································			
Construction Design	Well 1	Data	Formation Description	
			0 - 0.3 ft Pavement	
			0.3 - 19 ft Gravel with sand and silt	
			19 - 29 ft     Sand with gravel       29 - 31 ft     Gravel with sand and silt	
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Job Number:	XL-3604-H
Boring:	CRC-TR-35

tent No		
("x in box)		
the Protection $4751^{\circ}$		
n Soil Boring		
Property Owner WSDOT		
Vashington		
ty <u>Clark</u>		
Location <u>SE</u> $1/4-1/4$ <u>NW</u> $1/4$ Sec <u>27</u> Twn <u>2N</u> R <u>1</u> EWM $\bigstar$ or WWM		
MinSec		
MinSec		
Static Level		
Date		
rmation Description		
Pavement		
Silt		
Gravel with sand and silt		
Sand with gravel		
Gravel with sand and silt		
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Job Number: XL-3604-H Boring: CRC-TR-35-12

Construction/Decommission ("x" in box Construction Decommission DRIGINAL INSTALLATION Notice of Inte		Property Owner <u>W</u>	Type of Well ("x in box) Resource Protection Geotech Soil Boring SDOT		
		Site Address Vicinity of W 11th & Washington			
onsulting Firm WSDOT		City	County Clark		
Inique Ecology Well IDTag No			.1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2 N</u> R <u>1</u>		
VELL CONSTRUCTION CERTIFICATI ccept responsibility for construction of this well, and fashington well construction standards. Materials u hove are true to my best knowledge and belief. Driller Engineer Traince	l its compliance with all	EWM 🗹 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Lat Deg MinSec		
ame (Print Last, First Name) Nelson, Brad	17	Cased or Uncased I	Diameter Static Level		
Driller/Engineer /Trainee Signature Driller or Trainee License No			on Start Date 12/19/2012		
	d License Number		on Completed Date		
f trainee, licensed driller's Signature an	id License Number:	w ork/1/ccommissio			
Construction Design	Well D	Data	Formation Description		
Constituction Design			0 - 0.3 ft Pavement		
			0.3 - 4 ft Silt		
			4 - 24 ft Gravel with sand and silt		
	1		24 - 26 ft Sand with gravel		
			26 - 31 ft Gravel with sand and silt		
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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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Job Number: XL-3604-H

SUBMIT ONE WELL REPORT PER WE construction/Decommission ("x" in box) Construction Decommission RIGINAL INSTALLATION Notice of Intent		Property Owner <u>Ws</u> Site Address Vicin	Type of Well ("x in box) ☐ Resource Protection Geotech Soil Boring SDOT iity of W 11th & Washington
onsulting Firm WSDOT			County Clark
Inique Ecology Well IDTag No			1/4 NW 1/4 Sec 27 Twn 2 N R 1
VELL CONSTRUCTION CERTIFICATION recept responsibility for construction of this well, and its rashington well construction standards. Materials used sove are true to my best knowledge and belief. Driller Begineer Trainee ane (Print Last, First Name) Nelson, Brad Driller/Engineer /Trainee Signature Driller or Trainee License No.	compliance with all and the information reported	still REQUIRED) Tax Parcel No Cased or Uncased I Work/Decommissio	Lat Deg MinSec Long DegMinSec
Construction Design	Well 1	Data	Formation Description
			1 - 31 ft Gravel with sand and silt
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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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Job Number:	XL-3604-H
Boring:	CRC-TR-36-

RESOURCE PROTECTIO		CURRENT I	Notice of Intent No. SE-46816 / AE-19854
SUBMIT ONE WELL REPORT PER onstruction/Decommission ("x" in bo:			Type of Well ("x in box) $47520$
Construction	,		Resource Protection 9/320
Decommission RIGINAL INSTALLATION Notice of Ini	tant Number	Property Owner <u>WS</u>	
NONAL INSTALLATION NOLCO OF TH			ity of W 11th & Washington
onsulting FirmWSDOT			County Clark
nique Ecology Well IDTag No		•	1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2 N</u> <u>R</u> <u>1</u>
ELL CONSTRUCTION CERTIFICAT		EWM 🔀 or WWM	
cept responsibility for construction of this well, and a structure of the second structure of the seco	id its compliance with all used and the information reported	Lat/Long (s, t, r	Lat Deg Min Sec
ove are true to my best knowledge and belief.		still REQUIRED)	Long DegMinSec
Driller 🗋 Engineer 🗋 Trainee ame (Print Last, First Name) <u>Nelson, Brad</u>			
riller/Engineer /Trainee Signature	A	Cased or Uncased D	Diameter Static Level
riller or Trainee License No	,9		on Start Date 12/19/2012
trainee, licensed driller's Signature a	nd License Number:	Work/Decommissio	n Completed Date12/19/2012
Construction Design	Well 1	Data	Formation Description
			0 - 1 ft Pavement
			1 - 31 ft Gravel with sand and silt
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			WA State Departmen
Boring was backfilled with			WA State Department of Ecology (SWRO)

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Job Number:	XL-3604-H
Boring:	CRC-TR-37-12

BMIT ONE WELL REPORT PER WELL INSTALLED)         estruction/Decommission ("x" in box)         Construction         Decommission         GINAL INSTALLATION Notice of Intent Number:         sulting Firm       WSDOT         que Ecology Well IDTag No.         LL CONSTRUCTION CERTIFICATION: I constructed and/or of tresponsibility for construction of this well, and its compliance with all nington well construction standards. Materials used and the information reporte e are true to my best knowledge and belief.         Oriller □ Engineer □ Trainee         c (Print Last, First Name)         ler/Engineer / Trainee Signature         Ier or Trainee License No.         2969         rainee, licensed driller's Signature and License Number:	Property Owner <u>W</u> Site Address <u>Vic</u> City <u></u> Location <u>SE</u> 1/4 EWM ☐ or WWM ed Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased 1 Work/Decommissi	of 11th and Washington County Clark _1/4 _NW _1/4 Sec _27 _ Twn _2 N _ R _1 4 Lat Deg MinSec
Construction Decommission GINAL INSTALLATION Notice of Intent Number: sulting Firm WSDOT que Ecology Well IDTag No. LL CONSTRUCTION CERTIFICATION: I constructed and/or ot responsibility for construction of this well, and its compliance with all ington well construction standards. Materials used and the information reporte e are true to my best knowledge and belief. Driller Engineer Trainee e (Print Last, First Name) Nelson, Brad ler/Engineer /Trainee Signature 2969	<ul> <li>Site Address <u>Vic</u></li> <li>City <u></u></li> <li>Location <u>SE</u> 1/4</li> <li>EWM  or WWN</li> <li>or WWN</li> <li>Lat/Long (s, t, r still REQUIRED)</li> <li>Tax Parcel No</li> <li>Cased or Uncased 1</li> <li>Work/Decommissi</li> </ul>	Resource Protection 47520   Geotech Soil Boring   SDOT   of 11th and Washington    County   Clark  County   Id   I   Lat Deg   Min   Sec   Long Deg   Min   Sec   Clark Cla
GINAL INSTALLATION Notice of Intent Number: sulting Firm WSDOT que Ecology Well IDTag No	<ul> <li>Site Address <u>Vic</u></li> <li>City <u></u></li> <li>Location <u>SE</u> 1/4</li> <li>EWM  or WWN</li> <li>or WWN</li> <li>Lat/Long (s, t, r still REQUIRED)</li> <li>Tax Parcel No</li> <li>Cased or Uncased 1</li> <li>Work/Decommissi</li> </ul>	SDOT         of 11th and Washington        County       Clark        I/4       NW       1/4 Sec       27       Twn       2 N       R       1         4        Itat Deg       Min       Sec       Sec <td< th=""></td<>
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que Ecology Well IDTag No.         LL CONSTRUCTION CERTIFICATION: I constructed and/or         ot responsibility for construction of this well, and its compliance with all         nington well construction standards. Materials used and the information reporte         e are true to my best knowledge and belief.         Oriller Engineer Trainee         c (Print Last, First Name)         Nelson, Brad         ler/Engineer / Trainee         ler or Trainee License No.	<ul> <li>City</li></ul>	County Clark 
que Ecology Well IDTag No.         LL CONSTRUCTION CERTIFICATION: I constructed and/or         ot responsibility for construction of this well, and its compliance with all         nington well construction standards. Materials used and the information reporte         e are true to my best knowledge and belief.         Oriller Engineer Trainee         c (Print Last, First Name)         Nelson, Brad         ler/Engineer / Trainee         ler or Trainee License No.	<ul> <li>Location <u>SE</u> 1/4</li> <li>EWM or WWN</li> <li>Lat/Long (s, t, r still REQUIRED)</li> <li>Tax Parcel No.</li> <li>Cased or Uncased</li> <li>Work/Decommissi</li> </ul>	-1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2 N</u> R <u>1</u> A Lat Deg <u>Min</u> Sec <u></u> Long Deg <u>Min</u> Sec <u></u> Diameter <u>4"</u> Static Level <u></u> on Start Date <u>12/13/2012</u>
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e (Print Last, First Name) <u>Nelson, Brad</u> ler/Engineer /Trainee Signature <b>Jud</b> ler or Trainee License No. <b>2969</b>	Cased or Uncased	Diameter Static Level on Start Date 12/13/2012
ler/Engineer /Trainee Signature	– Work/Decommissi	on Start Date 12/13/2012
ainee, licensed driller's Signature and License Number:	Work/Decommissi	on Completed Date 12/13/2012
·	]	
Construction Design We	ell Data	Formation Description
		0 - 0.3 ft Pavement
		0.3 - 19 ft Gravel with sand and silt
		19 - 29 ft Sand with gravel
· · · · ·		29 - 31 ft · Gravel with sand and silt
		· ·
		RECEIVED
		JAN 1 6 2013
		WA State Department of Ecology (SWRO)
		OT ECOlogy (SWHO)

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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Image: Construct Construct         Construct         Construct         Image: Consulting         Image: Conset (Consulting)	URCE PROTECTION ONE WELL REPORT PER WI ion/Decommission ("x" in box) uction 25	ELL INSTALLED)	CURRENT Property Owner Van Site Address <u>410 W</u> City <u>Vancouver</u>	Notice of Intent No. <u>AE</u> Type of Well ("x in box) Resource Protection Geotech Soil Boring <u>ncouver Housing Authority</u> 13 <sup>th</sup> Street <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2</u> R <u>1</u>	
Name (Print Driller/En Driller or	ve are true to my best knowledge and belief Engineer Trainee Last, First Name) Jackman, Jeff gineer /Trainee Signature Trainee License No. <u>3010</u> , licensed driller's Signature and	15 Aach	Work/Decommissio	Diameter <u>1.25"</u> Static Lo	_Sec
Filled to bentoni	Construction Design within 2" of surface with te chips. Hydrated chips. ed topsoil over boring.	Well ID=Boring #1 TD=7'	Data	SEP · Washing	TIVED B 2009 ton State of Ecology

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RESOURCE PROT (SUBMIT ONE WELL REP Construction/Decommission	• • •	Ind return to the Depar	rtment of Ecology ENT Notice of Intent No	. AE06993
Construction 35 ORIGINAL INSTALLATION N SE05378 Consulting Firm Unique Ecology Well IDTag N WELL CONSTRUCTION CE accept responsibility for construction Washington well construction standar reported above are true to my best known SED Driller □ Engineer □ Traince Name (Print Last, First Name) Jackm Driller/Engineer / Trainee Sign Driller or Trainee License No.	ORT PER WELL INSTA ("x" in box) 1076 Notice of Intent Number: No. <u>N/A</u> CRTIFICATION: 1 constructed of this well, and its compliance we ds. Materials used and the inform owledge and belief. an, Jeff nature	LLED) Property Own Site Address City Vancouv d and/or ith all bation Lat/Long (s, t still REQUIR Tax Parcel No Cased or Unc Work/Decom	Type of Well ("x in backling in the constraint of the	0x) on ng tyCounty <u>Clark</u> 1 Sec Sec
		Work/Decom	mission Completed Date <u>9/9/09</u> Formation I	
The Department of Ecology does NOT Martanty Filled to within 2" of sum bentonite chips. Hydraf Patched surface with co	face with ID=Borir ed chips. TD=8'	ng #2	SE	CEIVED P 1 82009 hington State hent of Ecology

and/or the Information on this Well Report.	RESOURCE PROTECTION WELL REPORT         (SUBMIT ONE WELL REPORT PER WELL INSTALLED)         Construction/Decommission ("x" in box)         Construction       3 5 007         Decommission       3 5 007         ORIGINAL INSTALLATION Notice of Intent Number:         SE05378         Consulting Firm         Unique Ecology Well IDTag No. N/A         WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.         Ø Driller 🗆 Engineer 🖾 Trainee         Name (Print Last, First Name) Jackman Jeff         Driller /Engineer // Trainee Signature         Driller or Trainee License No. 3010		Type of Well ("x in box)         Resource Protection         Geotech Soil Boring         Property Owner Vancouver Housing Authority         Site Address <u>410 W. 13<sup>th</sup> Street</u> City Vancouver       Co		
Data	If trainee, licensed driller's Signature and	License Number:		on Start Date <u>9/9/09</u> on Completed Date <u>9/9/09</u>	
The Department of Ecology does NOT Warranty the	Construction Design Temporary uncased hole for soil sample collection at UST location. 1.25" Geoprobe tooling - hand driven	Well ID=Boring #2 TD=8'	Data	Formation Des Surface=concrete to 4 Base rock to 8" sandy fill 6' brown silt loam 6' to 8'	
-				RECEN SEP 1 820 Washington S Department of E	<b>D09</b> State

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Well Report.		nt, sign and return	_		E05378
the Information on this	RESOURCE PROTECTION Notice         (SUBMIT ONE WELL REPORT PER WELCONSTRUCTION/Decommission ("x" in box)         ○ Construction         ○ Decommission         ○ Decommission         ORIGINAL INSTALLATION Notice of Intent         SE05378         Consulting Firm         Unique Ecology Well IDTag No. N/A         WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards. Materials used reported above are true to my best knowledge and belief.         ☑ Driller □ Engincer □ Trainee Name (Print Last, First Name) Jackman, Jeff	Property Owner <u>Va</u> Site Address <u>410 W</u> City <u>Vancouver</u>	<u>NW</u> 1/4 Sec <u>27</u> Twn <u>2</u> R <u>1</u>	County <u>Clark</u> Sec	
and/or	Driller/Engineer /Trainee Signature Driller or Trainee License No. <u>3010</u>	1 stach	Cased or Uncased I	Diameter <u>1.25"</u> Static I	.evel <u>N/A</u>
Data ar	If trainee, licensed driller's Signature and	License Number:	Work/Decommissio	on Start Date <u>9/9/09</u> on Completed Date <u>9/9/09</u>	······································
Department of Ecology does NOT Warranty the I	Construction Design Temporary uncased hole for soil sample collection at UST location. 1.25" Geoprobe tooling - hand driven	Well ID=Boring #1 TD=7'	Data	Formation Des Surface=topsoil (lands 2' sandy fill 2' to 6' brown silt loam 6' to 7'	caping area) to
The I				SEI Wash	EIVED 1 8 2009 ington State ent of Ecology

і керогт.	<b>RESOURCE PROTECTION </b>		to the Departme CURRENT	nt of Ecology Notice of Inte	/ ent No. <u>Al</u>	SEP 1 4 2011
this well	(SUBMIT ONE WELL REPORT PER WELL INSTALLED) Construction/Decommission ("x" in box) $\Box$ Construction $\Box$ Decommission 424650 ORIGINAL INSTALLATION Notice of Intent Number:		Property Oumar C	Type of Well Resource Geotech S	("x in box) Protection Soil Boring	SEP 1 4 2011 er Resources Pregram Partment of Ecology
u o			Property Owner <u>Cl</u>	ark County GS		of Ecoloram
	SE43467Consulting Firm		Site Address <u>812 V</u>	v 11th		
e E	Unique Ecology Well IDTag No		City Vancouver			County <u>Clark</u>
Intormation	WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.		Location <u>NW</u> 1/4-1 EWM 🔀 or WWN	1		
the			Lat/Long (s, t, r	Lat Deg	Min	Sec
	□ Driller □ Engineer ⊠ Trainee Name (Print Last, First Name) <u>Pablo, Adonis</u>		Sun REQUIRED)	Long Deg	Min	Sec
allu/or	Driller/Engineer /Trainee Signature	rus Yaber	Tax Parcel No			•
3	Driller or Trainee License No. <u>3056</u>		Cased or Uncased			Level None
3	If trainee, licensed driller's Signature and	d License Number: Work/Decommiss		on Start Date <u>08/</u>	26/2011	
2	Find Straph 2859	<u> </u>	Work/Decommissi	on Completed Da	ate <u>08/26/20</u>	11
	Construction Design	Well I Decommissioned (1		1 ····	mation Des	cription I some Sandy
The Department of Ecology upes NOT Wallanty the		Stem Auger boring Sacks of Bentonite Gravel 3-0'.	,	Silt 0-24' Pea Gravels 24-30'	and Som	e Silty Sand

SUBMIT ONE WELL REPORT PERConstruction/Decommission ("x" in boxConstruction $\square$ Construction $\square$ Decommission $\square$ Decommission	)		Type of Well	ent No. <u>AE14410</u> ("x in box) Protection SEP Soil Boring ParticeSources Protection Soil Boring ParticeSources Protection Soil Soil Soil Second	
$\boxtimes$ Decommission $\mathcal{U}\mathcal{P}\mathcal{U}\mathcal{U}\mathcal{U}$ DRIGINAL INSTALLATION Notice of Int		Property Owner <u>Cl</u>	ark County GS	Soll Boring ~ 2011	
v TE 42 4 C 7		Site Address 812 V	V 11th	ATT OUT OF ES Program	
Consulting Firm		City Vancouver			
Jnique Ecology Well IDTag No					
VELL CONSTRUCTION CERTIFICAT esponsibility for construction of this well, and its com onstruction standards. Materials used and the information	pliance with all Washington well	Location $\underline{NW}$ 1/4-1 EWM 🔀 or WWN		Twn <u>2N</u> R <u>1</u>	
ny best knowledge and belief.			Lat Deg	Min Sec	
Driller D Engineer Trainee C Trainee C I Drint Last, First Name) Pablo, Adonis	$\cdot \cdot \cap I$	still REQUIRED)		MinSec	
Driller/Engineer /Trainee Signature	tons fabilo				
Driller or Trainee License No. <u>3056</u>	—	Cased or Uncased	Diameter <u>8"</u>	Static Level None	
f trainee, licensed driller's Signature a	Work/Decommission Start Date <u>08/25/2011</u>				
Ford Streal 2854		Work/Decommissi	on Completed Da	te <u>08/25/2011</u>	
U					
Construction Design	Well I		1	mation Description	
	Decommissioned ( Stem Auger boring	,	Gravels, Cot Silt 0-27'	obles, and some Sandy	
		Sacks of Bentonite Chips 40-3' &		Pea Gravels and Some Silty Sand 37-35'	
			Fine Sandy	Silt 35-40'	
140					
140					
140'					
811 L40					
811					
140' 8"					
811					
140' 8"					

RIGINAL INSTALLATION Notice of I onsulting Firm nique Ecology Well IDTag No	ntent Number:			Soil Boring	RECEN SEP 1 4 2011
		Property Owner C		Water Depa	Tieso 201
		Site Address <u>812 V</u>	V 11th		nesources P <u>thrent</u> Clark County Clark
		City Vancouver			County <u>Clark</u>
ELL CONSTRUCTION CERTIFICA		Location <u>NW</u> 1/4-1	/4 <u>SW</u> 1/4 Sec <u>27</u>		Ŷ
sponsibility for construction of this well, and its co	mpliance with all Washington well	EWM 🔀 or WWN			
nstruction standards. Materials used and the infor y best knowledge and belief.	mation reported above are true to	Lat/Long (s, t, r	Lat Deg	Min	Sec
Driller 🗌 Engineer 🛛 Trainee		still REQUIRED)			Sec
une (Print Last, First Name) <u>Pablo, Adonis</u> riller/Engineer /Trainee Signature	thous fallo	Tax Parcel No			
riller or Trainee License No. <u>3056</u>		Cased or Uncased	Diameter <u>8"</u>	Static Lev	el <u>None</u>
trainee, licensed driller's Signature	and License Number	] Work/Decommissi	on Start Date 08/2	26/2011	
Final Shgall 28	<u>H</u>	Work/Decommissi	on Completed Da	te <u>08/26/</u> 2011	
			-		
Construction Design	Well	Data	Forn	nation Descrip	ntion
	Drilled (1) 30' Hollo		Gravels, Cot		
	Boring for geotech	nical purposes.	Silt 0-24'		-
			Pea Gravels	and Some S	Silty Sand
			24-30'		
8" \$30'					
<u> </u>					
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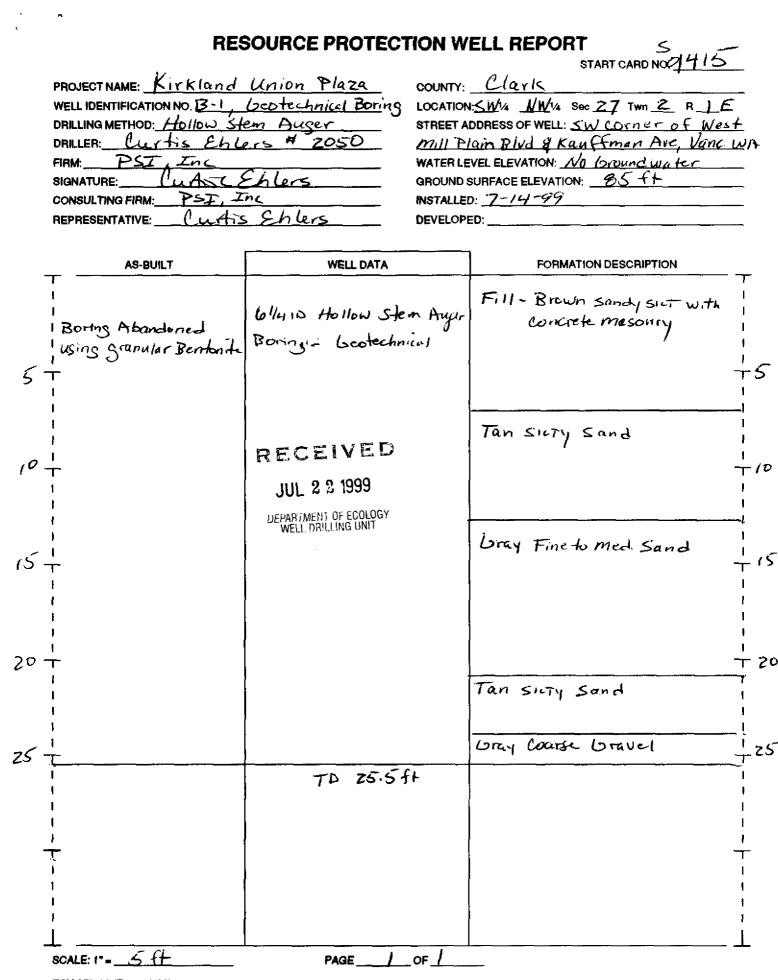
(SUBMIT ONE WELL REPORT PER Construction/Decommission (" $x$ " in box) $\bigtriangleup$ Construction	,	CORRENT	Notice of Inte	("x in box) Protection/	CEIVE
				Soil Boring	······································
ORIGINAL INSTALLATION Notice of Inte	ent Number:	Property Owner <u>Cla</u>	ark County GS	epartme	a 2011 Int of Ecologian County Cl
Consulting Firm		Site Address <u>812 W</u>	/ 11th		Cologram
Unique Ecology Well IDTag No		City <u>Vancouver</u>			Courky <u>CI</u>
WELL CONSTRUCTION CERTIFICATIOn responsibility for construction of this well, and its complic construction standards. Materials used and the information my best knowledge and belief.	Location <u>NW</u> 1/4-1/ EWM ⊠ or WWM Lat/Long (s, t, r	/4 <u>SW</u> 1/4 Sec <u>27</u> 1 □	Twn <u>2N</u> R _	<u>1</u>	
Driller D Engineer 🛛 Trainee	still REQUIRED)	-		Sec	
Name (Print Last, First Name) <u>Pablo, Adonis</u> Driller/Engineer /Trainee Signature	ni fablo	Tax Parcel No			
Driller or Trainee License No. 3056		Cased or Uncased I	Diameter <u>8"</u>	Static I	Level <u>None</u>
If trainee, licensed drillep's Signature an	ıd License Number:	Work/Decommissio	on Start Date 08/	25/2011	
find Atrall 2854		Work/Decommissio	on Completed Da	ate <u>08/25/20</u>	11
Construction Design	Well Drilled (1) 40' Hollo Boring for geotech	ow Stem Auger	For Gravels, Col Silt 0-27'	nation Des obles, and	
	Bonng for geotech	inical pulposes.	Pea Gravels 27-35'	and Som	e Silty Sand
			Fine Sandy	Silt 35-40'	
8" V40'					

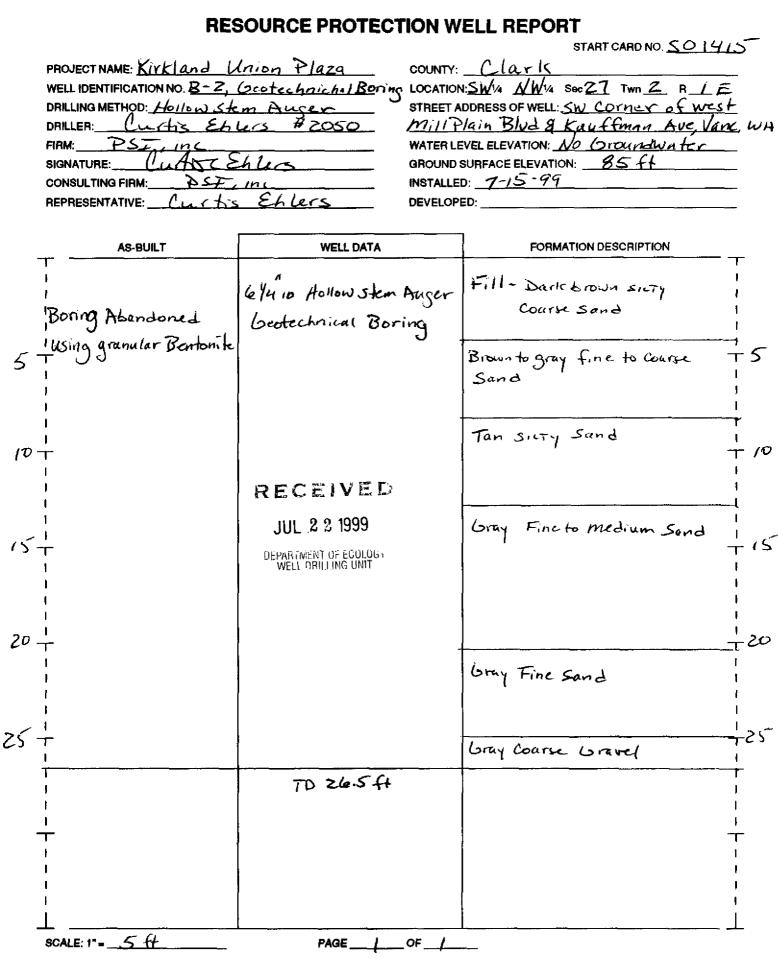
Data and/or the Information on this Well Report.	Please pri <b>RESOURCE PROTECTION V</b> (SUBMIT ONE WELL REPORT PER WI Construction/Decommission ("x" in box) Construction Decommission J24644 ORIGINAL INSTALLATION Notice of Intent SE43467 Consulting Firm Unique Ecology Well IDTag No. WELL CONSTRUCTION CERTIFICATION responsibility for construction of this well, and its complian construction standards. Materials used and the information my best knowledge and belief. Driller Engineer I Trainee Name (Print Last, First Name) Pablo, Adonis Driller or Trainee License No. 3056 If trainee, license driller'/ Signature and Mutual Sector	ELL INSTALLED)         Number:         V: I constructed and/or accept ice with all Washington well ireported above are true to         Teported above are true to	<b>CURRENT</b> Property Owner <u>Cla</u> Site Address <u>812 W</u>	Notice of Inte Type of Well Resource Geotech S ark County GS / 11th /4 SW1/4 Sec 27 1 Lat Deg Long Deg Diameter 8" on Start Date 08/2	nt No. AE ("x in box) Protection Soil Boring Water Re Departr Twn 2N R Min Min Min Static I 25/2011	ECEIVED EP 1 4 2011 Sources Program County Clark County Clark
The Department of Ecology does NOT Warranty the Data	Construction Design	Well I Decommissioned ( Stem Auger boring Sacks of Bentonite Gravel 3-0'.	1) 30' Hollow using (15)		s & Some	some Sandy

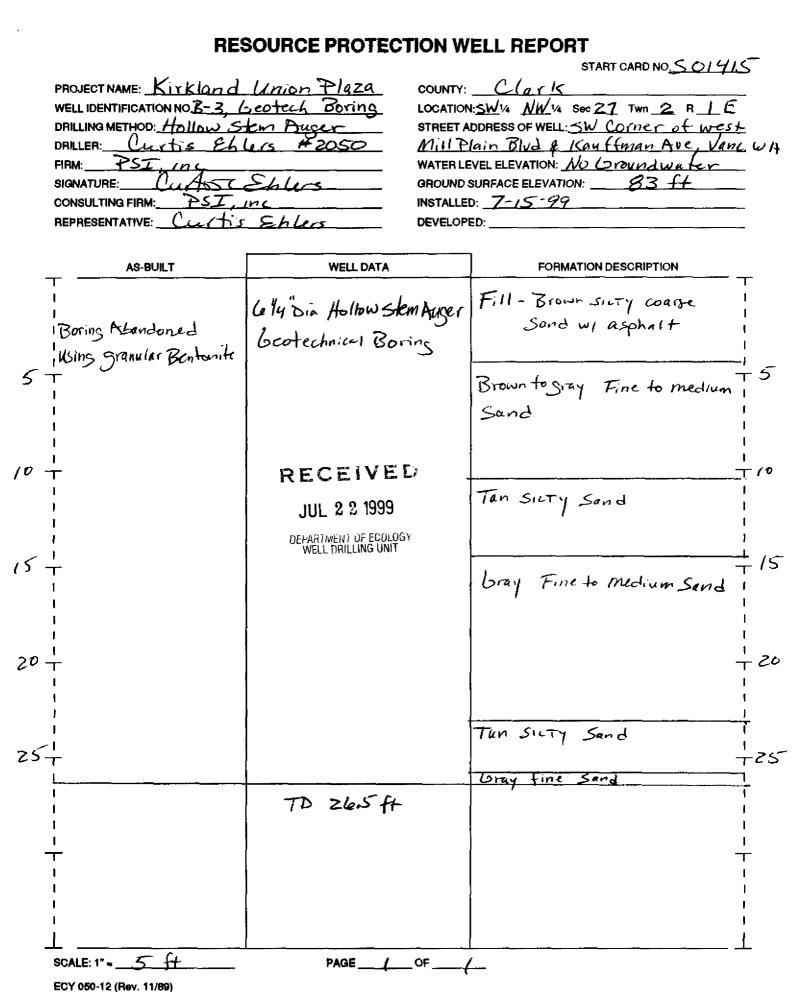
(SU Co	<b>ESOURCE PROTECTION V</b> UBMIT ONE WELL REPORT PER WE Instruction/Decommission ("x" in box)			Notice of Inte	ent No. <u>SE</u> ("x in box) Protection	A3467 RECEIV SEP 14 2011	
	Construction Decommission 424645				Soil Boring	SEP .	
	RIGINAL INSTALLATION Notice of Intent	Number:	Property Owner <u>Cla</u>	ark County GS	и	SEP 1 4 2017 Vepartment of Frogr County Clarksg	
			Site Address <u>812 W</u>	/ <u>1</u> 1th	<b>`</b>	epartment of 100	
Co	nsulting Firm		City Vancouver			County Clask	
Un	ique Ecology Well IDTag No			4 CW1 /4 C 27	T 1	-	
resp cons	ELL CONSTRUCTION CERTIFICATION ponsibility for construction of this well, and its complian struction standards. Materials used and the information	ce with all Washington well	Location $\underline{NW}$ 1/4-1/4 $\underline{SW}$ 1/4 Sec $\underline{27}$ Twn $\underline{2N}$ R $\underline{1}$ EWM $\boxtimes$ or WWM $\square$				
my	best knowledge and belief.		Lat/Long (s, t, r	_			
□ Nan	Driller □ Engineer ⊠ Trainee ne (Print Last, First Name) <u>Pablo, Adonis</u> iller/Engineer /Trainee Signature	· Dollar	still REQUIRED) Tax Parcel No			Sec	
	iller/Engineer /Trainee Signature WWW iller or Trainee License No. <u>3056</u>	- rawy	Cased or Uncased I				
If t	If trainee licensed driller's Signature and License Number		Work/Decommission Start Date 08/25/2011				
	trainee, licensell driller's Signature and		Work/Decommission	on Completed Da	ite <u>08/25/201</u>	1	
,							
	Construction Design	Well I	Data	For	nation Desc	ription	
		Drilled (1) 30' Hollo		····		some Sandy	
	811			Small Grave (Pea Gravel		Sandy Silt	

444027

P	lease print	sign and return	to the Departmen	t of Ecology	
RESOURCE PROTEC	CTION WI	ELL REPORT	CURRENT N	Type of Well ("x in box)	14410
Construction/Decommission (" $x$ " in box) Construction			Resource Protection		
Decommission			Property Owner Clark County GS		
ORIGINAL INSTALLATION Notice of Intent Number:			Site Address 812 W 11th		
SE43467 Consulting Firm					
Unique Ecology Well IDTag No.	······				
WELL CONSTRUCTION CERI responsibility for construction of this well, construction standards. Materials used and my best knowledge and belief.	TIFICATION: and its compliance	I constructed and/or accept with all Washington well	EWM 🛛 or WWM	4 <u>SW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R Lat Deg Min	
			still REQUIRED)	Long DegMin	Sec
Driller Engineer Trainee Name (Print Last, First Name) Pablo, Ado Driller/Engineer /Trainee Signat	ture Murus	fable		Diameter <u>8"</u> Static	·····
Driller or Trainee License No. 3				n Start Date 08/25/2011	
If traince, licensed driller's Sig	nature and L 2854	icense Number:		n Completed Date <u>08/25/20</u>	011
		Well	Data	Formation De	scription
Construction Desig	<u>n</u>	Decommissioned (		Gravels, Cobbles, an	d some Sandy
		Stem Auger boring Sacks of Bentonite Gravel 3-0'.	using (15)	Silt 0-25' Small Gravels & Som (Pea Gravels) 25-30'	e Sandy Silt
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	30'	· .			
8"			· .		
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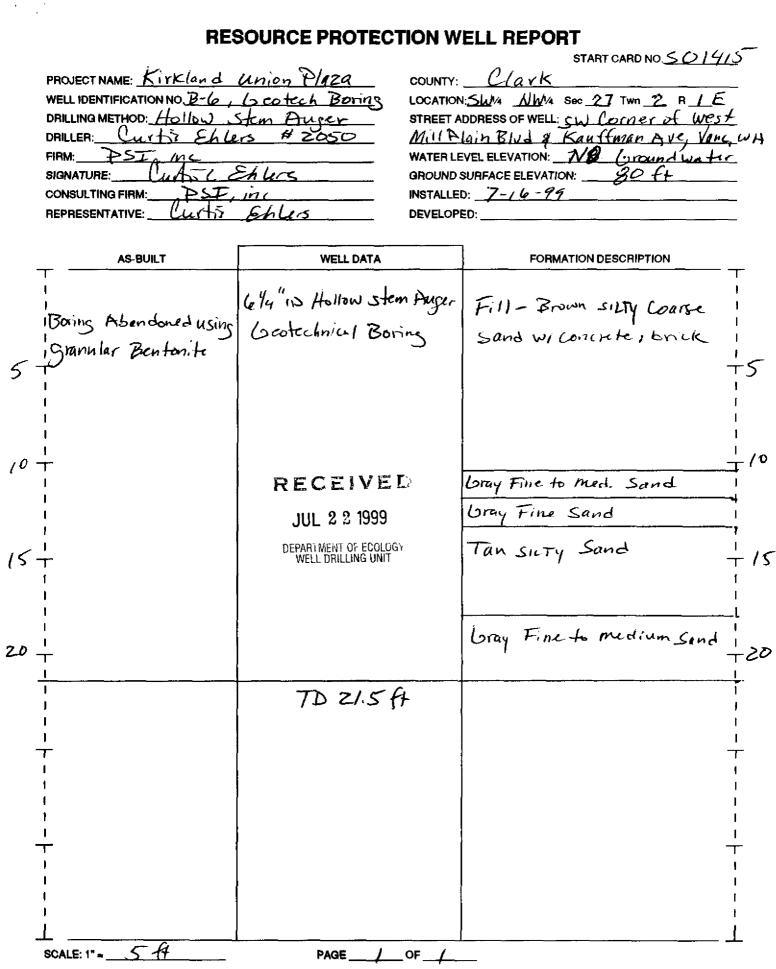


The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

**RESOURCE PROTECTION WELL REPORT** START CARD NO.  $\leq O141S$ Clark PROJECTNAME: Kirkland Union Plaza COUNTY: WELL IDENTIFICATION NO B-4, (200 tech Boring E LOCATION SW14 NW14 Sec 27 Twn 2 R 1 DRILLING METHOD: Hollow, Sten Auger STREET ADDRESS OF WELL: SW Corner of West Mill Plain Blud & Kauffman Ave, Vanc WH ሰ ነ Ebles #2050 **DRILLER:** 1 vtis WATER LEVEL ELEVATION: NO Ground water Psi FIRM: SIGNATURE: **CONSULTING FIRM:** INSTALLED: 7-15-99 Ehlers 4DEVELOPED: REPRESENTATIVE: WELL DATA FORMATION DESCRIPTION AS-BUILT 10200 Boring Abandoned le 1/4" 12 Hollow Stem Auger Wing granular Bertonite Geotechnical Boring Brown to gray Fine to Coast Sand 5 5 RECEIVED T /0 JUL 2 2 1999 10 DEPAR (MENT OF ECOLOG) WELL DRILLING UNIT Gray Fine Sond Tan sitty Sand 15-T15 Gray Fine to Medium Sand 20 Τ ΖΟ TD 21.5 ft SCALE: 1" = 5 1+ OF PAGE\_

**RESOURCE PROTECTION WELL REPORT** START CARD NO  $\leq 01415$ PROJECT NAME: Kirkland Union Maza CLACK COUNTY: WELL IDENTIFICATION NO. B-5, beatech Boring LOCATION: SW 14 NW14 Sec 27 Twn Z R I E DRILLING METHOD: Hollow Stem Pruser STREET ADDRESS OF WELL: SW CORNER OF WEST 11 Shlers # Mill Hain Blud & Kauff man Ave, Vanc WA **DRILLER:** 14. 2050 Þsi WATERLEVELELEVATION: NO Croundwater FIRM: GROUND SURFACE ELEVATION: 75 FL SIGNATURE: CONSULTING FIRM: ñr INSTALLED: 7-16-99 urtis Shlers **REPRESENTATIVE:** DEVELOPED: AS-BUILT WELL DATA FORMATION DESCRIPTION Fill- Brown sury course Sand 6 14 10 Hollowston Auger Boring Abandoned Wing with Stavel, asphalt Geotechnical Boning Granular Bentonite -5 5 Brown togray Fine to Coarse Sand RECEIVED -10 10 JUL 2 2 1999 DEPARTMENT OF ECOLOGY WELL DRILLING UNIT Tan SILTY Sand 15  $\pm 15$ CJ. 20 bray Fineto Coarse Sand TD 21.5 Ft 4 5 SCALE: 1" = OF PAGE\_

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.



ECY 050-12 (Rev. 11/89)

RESOU	RCE PROTECTION	WELL REPORT	CURRENT N	otice of Intent No. AE 32369
Constructio				ype of Well (select one) Resource Protection Geotech Soil Boring
✓ Decomm	nission ORIGINAL INSTALLATIC		Property Owner C/O	TERRACON
Consulting F	Firm TERRACON		Site Address 610 EST	
	logy Well ID		City VANCOUVER	
Tag No. B-4				Select One X
Accept responsible Washington we above are true to Driller En Driller/Engin	NSTRUCTION CERTIFICATION bility for construction of this well, and its ill construction standards. Materials used to my best knowledge and belief. ngineer Trainee Name (Print) meer /Trainee Signature rainee License No. 2593	compliance with all and the information reported KLIN LUNDIN	Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Lat Deg Lat Min/Sec Long Deg Long Min/Sec iameter _8" Static Level
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	icensed driller's and License No. 2593		Work/Decommission	Completed Date 6/9/15
Signature a	au Electrise 110. 2000	)		
	Construction/Design	w	ell Data	Formation Description
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E.		BENT CHIPS 1-19		1-19' GRAVELS
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Decommission ORIGINAL INSTALLATIO	ON Notice		Geotech Soil Boring
of Intent Number _		Property Owner C/O	TERRACON
Consulting Firm TERRACON		Site Address 610 EST	
Unique Ecology Well ID Tag No. B-3		City VANCOLIVER County CLARK	
WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards. Materials used above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) Driller/Engineer /Trainee Signature Driller or Trainee License No. 2593	compliance with all and the information reported	Lat/Long (s, t, r still REQUIRED) Tax Parcel No	NW1/4       Sec 27       Twn 2       R 1       Select One       EW         Lat Deg       Lat Min/Sec         Long Deg       Long Min/Sec         iameter 8"       Static Level
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Signature and Excense No. 2575	)		
Construction/Design	we	ell Data	Formation Description
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	WA State Dep of Ecology (	SW/RO)	
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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

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	WELL REPORT	CURRENT	Notice of Intent No. SE 55037
SUBMIT ONE WELL REPORT PER W construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLAT.	ION Notice		Type of Well (select one) ☐ Resource Protection ☑ Geotech Soil Boring
of Intent Number		Property Owner C/C	) TERRACON
onsulting Firm TERRACON		Site Address 610 ESTHER ST. City VANCOUVER County CLARK	
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Construction/Design	V	Vell Data	Formation Description
	CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK
			19-32' GRAVELS

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	ON WELL REPORT	CURRENT N	otice of Intent No. AE 32369	_
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onsulting Firm TERRACON		Site Address 610 ES		
nique Ecology Well ID		The second se	County CLARK	
ig No. <u>B-3</u>		A second to a second to be a second	NW1/4 Sec 27 Twn 2 R <sup>1</sup> Select One	
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gnature and License No. 2593		Work/Decommission	Completed Date 6/9/15	
Construction/Design	w	ell Data	Formation Description	
	CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK	
	BENT CHIPS 1-19'			
8"			TERMINATED AT 19'	

1"=10'

ECY 050-12 (Rev. 2/03)

1 1 SCALE: 1"= \_ Page\_\_of\_\_

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RESO	OURCE PROTECTION	WELL REPORT	CURRENT	Notice of Intent No. AE 32369
	T ONE WELL REPORT PER V ction/Decommission (select one)	VELL INSTALLED)		Type of Well (select one)
	mmission ORIGINAL INSTALLAT			Geotech Soil Boring
-	of Intent Number	SE 55037	Property Owner <u>C/O TERRACON</u> Site Address <u>610 ESTHER ST.</u> City <u>VANCOUVER</u> County <u>CLARK</u>	
	ng Firm TERRACON			
Unique E Tag No.	Cology Well ID			
WELL C accept respo Washington above are tr	ONSTRUCTION CERTIFICATIOn onsibility for construction of this well, and it well construction standards. Materials used use to my best knowledge and belief. Bengineer Trainee Name (Print) FRAM ngineer /Trainee Signature Trainee License No. 2593	its compliance with all ed and the information reported	Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Lat Deg Lat Min/Sec Long Deg Long Min/Sec Diameter <u>8"</u> Static Level
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	e, licensed driller's e and License No. 2593		Work/Decommissio	n Completed Date 6/9/15
Signatur	e and Electise 110. 2000	)		
	Construction/Design	W	ell Data	Formation Description
D <sup>1</sup>		CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK
di l		BENT CHIPS 1-32'		1-19' SAND W/ GRAVELS
$\frac{1}{1}$				
				19-32' GRAVELS
				19-32' GRAVELS
- <u> </u>		REC	EIVED	19-32' GRAVELS

작품, 방법, 800 개월, 2012년, 유민, 2013	ON WELL REPORT	CURRENT	Notice of Intent No. SE 55037
SUBMIT ONE WELL REPORT PE onstruction/Decommission (select or Construction Decommission ORIGINAL INSTAL	ne) LATION Notice		Type of Well (select one)         Resource Protection         Geotech Soil Boring
	nber	Property Owner C/C	
		Site Address 610 ES	
nique Ecology Well ID ag No. <u>B-4</u>		City VANCOUVER	County CLARK
ELL CONSTRUCTION CERTIFICA expt responsibility for construction of this well, ashington well construction standards. Materia ove are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) E riller/Engineer /Trainee Signature	ATION: 1 constructed and/or and its compliance with all Is used and the information reported	Lat/Long (s, t, r still REQUIRED) Tax Parcel No	NW1/4       Sec 27       Twn 2       R 1       Seter One       Image: Control of the set
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	)		
Construction/Design	W	ell Data	Formation Description
	CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK
8"			TERMINATED AT 19'

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SUBMIT ONE WELL REPORT PER WE Construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLATION	N Notice	т	ype of Well (select Resource Pro	t one) tection
of Intent Number S	E 55037	Property Owner C/O	the second se	
Consulting Firm TERRACON		Site Address 610 ES	THER ST.	
Jnique Ecology Well ID ag No. B-2		City VANCOUVER	County	CLARK
VELL CONSTRUCTION CERTIFICATION coept responsibility for construction of this well, and its /ashington well construction standards. Materials used pove are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) Priller/Engineer /Trainee Signature Driller or Trainee License No. 2593	compliance with all and the information reported	Location SW 1/4-1/4 Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased D	Lat Deg Long Deg	Lat Min/Sec
		Work/Decommission	Start Date 6/9/15	
f trainee, licensed driller's		Work/Decommission		6/9/15
ignature and License No. 2593	)			
Construction/Design	w	ell Data	Form	ation Description
	CONCRETE 0-1'		0-1' ASPHALT	/ BASE ROCK
			TERMINATED	AT 19'
	RECE	EIVED	TERMINATED	AT 19'
		7 2015	TERMINATED	AT 19'

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Unique Ecology Well ID Tag No. <u>B-2</u> County CLARK         WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.       City VANCOUVER       County CLARK         ZDriller       Engineer       Trainee Name (Print)       FRANKLIN LUNDIN       Lat/Long (s, t, r       Lat Deg       Lat Min/Sec         Driller /Engineer       Trainee Signature       FRANKLIN LUNDIN       Cased or Uncased Diameter       8"       Static Level         If trainee, licensed driller's Signature and License No. 2593       Well Data       Formation Description	RESOURCE PROTECTION	ON WELL REPORT	CURRENT	Notice of Intent No. SE 55037
Decommission OrderAd INSTALLATION Notice of Internal Number Consulting Fim TERRACON Site Address 610 ESTHER ST. County CLARK Tag No. B.2 County CLARK Location SW 1/4.1/4 NW1/4 Sec 27 Twn_2 R 1 Lacation SW 1/4.1/4 NW1/4 Sec 27 Twn_2 R 1 Latocation SW 1/4.1/4 NW1/4 Sec 27 Twn_2 R 1 Note:Cation SW 1/4.1/4 NW1/4 Sec 27 Twn_2 R 1	Construction/Decommission (select o	me)		Resource Protection
Consulting Firm TERRACON Unique Ecology Well ID Tag No. B-2 WELL CONSTRUCTION CERTIFICATION: Tcenstructed and/or accept reponsibility for construction of this well, and its compliance with all Well Construction of this well, and its compliance with all Wellington well construction of this well, and its compliance with all Wellington well construction of this well, and its compliance with all Wellington well construction of this well, and its compliance with all Wellington well construction of this well, and its compliance with all Wellington well construction of this well, and its compliance with all Wellington wellington the information reported above are true to my best knowledge and belief. Signature and License No. 2593 Work/Decommission Start Date <u>6</u> /9/15 Work/Decommission Completed Date <u>6</u> /9/15 Work/Decommission Completed Date <u>6</u> /9/15 Work/Decommission Completed Date <u>6</u> /9/15 Work/Decommission Description Construction/Design Well Data Formation Description CONCRETE 0-1' BENT CHIPS 1-19  RECEIVED JUL 1 7 2015 WA State Upopartment			Property Owner C	
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If trainee, licensed driller's       Work/Decommission Start Date <u>6/9/15</u> Signature and License No. 2593       Work/Decommission Completed Date <u>6/9/15</u> Construction/Design       Well Data       Formation Description         CONCRETE 0-1'       0-1' ASPHALT/BASE ROCK       1-19' GRAVELS         I       I       BENT CHIPS 1-19'       I-19' GRAVELS         I       I       I       I-19' GRAVELS         I       I       I       I-19' GRAVELS         I       I       I/10' GRAVELS         I       I/10' GRAVELS       I/10' GRAVELS         I       I/10' GRAVELS       I/10' GRAVELS <th>accept responsibility for construction of this well Washington well construction standards. Materia above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) Driller/Engineer /Trainee Signature</th> <th>, and its compliance with all als used and the information reported</th> <th>Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased</th> <th>Lat Deg Lat Min/Sec Long Deg Long Min/Se Diameter <u>8"</u> Static Level</th>	accept responsibility for construction of this well Washington well construction standards. Materia above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) Driller/Engineer /Trainee Signature	, and its compliance with all als used and the information reported	Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased	Lat Deg Lat Min/Sec Long Deg Long Min/Se Diameter <u>8"</u> Static Level
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JUL 1 7 2015 WA State Department				TERMINATED AT 19'
WA State Department of Ecology (SWRO)				TERMINATED AT 19'
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RESOURCE PROT	ECTION WELL REPORT	CURRENT N	otice of Intent No. SE 55037
Construction/Decommission Construction Decommission ORIGINAL		T Property Owner <u>C/O</u>	ype of Well (select one) ☐ Resource Protection ✔ Geotech Soil Boring TERRACON
Consulting Firm TERRACON		Site Address 610 EST	
Unique Ecology Well ID			County CLARK
ag No. <u>B-1</u>			NW1/4 Sec $\frac{27}{100}$ Twn $\frac{2}{100}$ R $\frac{1}{100}$ Select One X EV
ccept responsibility for construction Vashington well construction standar bove are true to my best knowledge	ne (Print) FRANKLIN LUNDIN	Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased Di	Lat Deg Lat Min/Sec Long Deg Long Min/Sec iameter _8" Static Level
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Signature and License No.	2593	Work/Decommission	Completed Date 6/9/15
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Construction/	Design	Well Data	Formation Description
	CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK
	BENT CHIPS 1-3	-	1-19' SAND W/ GRAVELS

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SCALE: 1"= \_\_ Page\_

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1"=10"

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	T Notice of Intent No. SE 55037
)	Type of Well (select one)
	Resource Protection
	Geotech Soil Boring
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	And the second se
the second se	Select One TV
- Cased or Uncase	ed Diameter 8" Static Level
	ssion Start Date 6/9/15
	ssion Completed Date 6/9/15
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Well Data	Formation Description
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	<ul> <li>Property Owner</li> <li>Site Address <u>610</u></li> <li>City <u>VANCOUV</u></li> <li>Location <u>SW</u>1/4-</li> <li>borted</li> <li>Lat/Long (s, t, r still REQUIRED</li> <li>Tax Parcel No</li> <li>Cased or Uncase</li> <li>Work/Decommis</li> <li>Work/Decommis</li> </ul>

Construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLATION i of Intent Number SES Consulting Firm TERRACON Unique Ecology Well ID Tag No. B-3 WELL CONSTRUCTION CERTIFICATION: 1 accept responsibility for construction of this well, and its com Washington well construction standards. Materials used and above are true to my best knowledge and belief. Diller Engineer Trainee Name (Print) FRANKLI Construction Standards.	55037     Prope       Site A     Site A       City V     Locati       constructed and/or     Locati       pliance with all     Lat/Le       the information reported     Lat/Le       N LUNDIN     Tax P	Type of Well (select one)         Resource Protection         Geotech Soil Boring         rty Owner C/O TERRACON        ddress 610 ESTHER ST.         /ANCOUVER       County CLARK         ion SW 1/4-1/4 NW 1/4 Sec 27 Twn 2 R 1       EWM        dong (s, t, r       Lat Deg Lat Min/Sec         EQUIRED)       Long Deg Long Min/Sec         arcel No.
Driller/Engineer /Trainee Signature		or Uncased Diameter <u>8"</u> Static Level
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Signature and Excense 140. 2000	)	
Construction/Design	Well Data	
	CONCRETE 0-1' BENT CHIPS 1-19'	0-1' ASPHALT / BASE ROCK 1-19' GRAVELS
		TERMINATED AT 19'

SUBMIT ONE WELL REPORT PER WI Construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLATIO	ELL INSTALLED)	CURRENT Notice of Intent No. <u>AE 32369</u> Type of Well (select one)         Resource Protection         Geotech Soil Boring
of Intent Number	SE 55037 Prope	ty Owner C/O TERRACON
Consulting Firm TERRACON	Site A	ddress 610 ESTHER ST.
Unique Ecology Well ID Fag No. B-1	City V	ANCOUVER County CLARK
WELL CONSTRUCTION CERTIFICATION ccept responsibility for construction of this well, and its Washington well construction standards. Materials used bove are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) FRANK Driller/Engineer /Trainee Signature Driller or Trainee License No. 2593	I: I constructed and/or compliance with all and the information reported still R <u>CLIN LUNDIN</u> Tax P Cased	on <u>Sw 1/4-1/4 NW 1/4 Sec 2/ Twn 2 R 1</u> www ong (s, t, r Lat Deg Lat Min/Sec EQUIRED) Long Deg Long Min/Sec arcel No or Uncased Diameter <u>8"</u> Static Level
Etwalnes licensed driller's	Work	Decommission Start Date 6/9/15
If trainee, licensed driller's	Work	Decommission Completed Date 6/9/15
Construction/Design	Well Data	Formation Description
	CONCRETE 0-1'	0-1' ASPHALT / BASE ROCK
I I	BENT CHIPS 1-32'	1-19' SAND W/ GRAVELS
		19-32' GRAVELS

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SCALE: 1"=\_

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Resource protection well report         SUBMIT ONE WELL REPORT PER WELL INSTALLED)         Construction/Decommission (select one)         Construction         Decommission ORIGINAL INSTALLATION Notice of Intent Number SE 55037         Consulting Firm TERRACON         Unique Ecology Well ID ag No. B-2         VELL CONSTRUCTION CERTIFICATION: I constructed and/or scept responsibility for construction of this well, and its compliance with all /ashington well construction standards. Materials used and the information reported sove are true to my best knowledge and belief.         Driller Engineer Trainee Name (Print)         FRANKLIN LUNDIN         Driller or Trainee License No. 2593		Type of Well (select one)         Resource Protection         Geotech Soil Boring         Property Owner C/O TERRACON         Site Address 610 ESTHER ST.         City VANCOUVER       County CLARK         Location SW 1/4-1/4 NW 1/4 Sec 27       Twn 2       R 1         Select One       Select One       Select One         d       Lat/Long (s, t, r       Lat Deg Lat Min/Sec         still REQUIRED)       Long Deg Long Min/Sec _         Tax Parcel No.       Static Level		
f trainee, licensed driller's		Work/Decommission		
Signature and License No. 2593		Work/Decommission	n Completed Date 6/9/15	
Construction/Design	Well	Data	Formation Description	
	CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK	

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

SUBMIT ONE WELL DEDODT	TION WELL REPORT		Notice of Intent No. SE 55037	
Construction/Decommission (sele Construction Decommission ORIGINAL INST		Type of Well (select one) Resource Protection Geotech Soil Boring		
Consulting Firm TERRACON	14mocr	Site Address 610 ES		
Unique Ecology Well ID			County CLARK	
ag No. <u>B-4</u>			MULLIA Con 27 Turn 2 DI Select One X E	
ELL CONSTRUCTION CERTIFICATION: 1 constructed and/or ept responsibility for construction of this well, and its compliance with all shington well construction standards. Materials used and the information reported we are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) iller/Engineer /Trainee Signature iller or Trainee License No. 2593		Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased I	Lat Deg Lat Min/Sec Long Deg Long Min/Sec Diameter <u>8"</u> Static Level	
f trainee, licensed driller's		Work/Decommission	No. 1 No. 1 No. 1 No. 1	
Signature and License No. 2593		Work/Decommission	n Completed Date 6/9/15	
Construction/Desig	n We	ll Data	Formation Description	
	CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK	
			TERMINATED AT 19'	

1"=10' ECY 050-12 (Rev. 2/03)

i,

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

RESOURCE PROTECTION WE (SUBMIT ONE WELL REPORT PER WELL Construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLATION N	INSTALLED)	Type of Well (select one) ☐ Resource Protection ✓ Geotech Soil Boring		
of Intent Number		Property Owner C/O	TERRACON	
Consulting Firm TERRACON		Site Address 610 ESTHER ST.		
Unique Ecology Well ID Fag No. B-2		and the second se	County CLARK	
WELL CONSTRUCTION CERTIFICATION: 1 c accept responsibility for construction of this well, and its comp Washington well construction standards. Materials used and t above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print) Driller/Engineer /Trainee Signature Driller or Trainee License No. 2593	pliance with all he information reported	Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased D	4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2</u> R <u>1</u> Lat Deg Lat Min/Sec Long Deg Long Min/Sec	
If trainee, licensed driller's			Completed Date 6/9/15	
	)			
Construction/Design	w	ell Data	Formation Description	
	CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK	
1 8"			TERMINATED AT 19'	
1 <u>1</u> 1 1 1	111014 3114	7 2015 Pepartment (SWRO)		

SCALE: 1"= \_ Page

Ecology is an Equal Opportunity Employer.

SUBMIT ONE WELL REPORT PER WELD Construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLATION I of Intent Number SE S	Notice	Type of Well (select one)         Resource Protection         Geotech Soil Boring         Property Owner         C/O TERRACON		
Consulting Firm TERRACON		Site Address 610 ES	THER ST.	
Jnique Ecology Well ID		City VANCOUVER	County CLARK	
Tag No. <u>B-4</u> WELL CONSTRUCTION CERTIFICATION: 1         Corresponsibility for construction of this well, and its corresponsibility for construction standards. Materials used and bove are true to my best knowledge and belief.         Driller Engineer Trainee Name (Print)         FRANKLI         Driller Or Trainee License No. <u>2593</u> f trainee, licensed driller's         Signature and License No. 2593	apliance with all the information reported	Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased D Work/Decommission		
		-11 Data	Formation Description	
Construction/Design	The second second second	ell Data	Formation Description	
	CONCRETE 0-1'		0-1' ASPHALT / BASE ROCK	
1         			TERMINATED AT 19	
<u>,</u> 1 1		EIVED 7 2015		

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

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ESOURCE PROTECTION WELL REP UBMIT ONE WELL REPORT PER WELL INSTALLE		Type of Well ("x in box)
onstruction/Decommission ("x" in box) Construction		Resource Protection
Decommission		Geotech Soil Boring
RIGINAL INSTALLATION Notice of Intent Number:	83 Property Owner D Site Address W 15	<sup>th</sup> Street & W Mill Plain Blvd
onsulting Firm AMEC Environmental		County Cla
nique Ecology Well IDTag No. none		County County
ELL CONSTRUCTION CERTIFICATION: 1 constructed and/o cept responsibility for construction of this well, and its compliance with all ishington well construction standards. Materials used and the information r over are true to my best knowledge and belief.	EWM □ or WWM Lat/Long (s, t, r still REQUIRED)	4 <u>NE</u> 1/4 Sec <u>51</u> Twn <u>2N</u> R <u>1E</u> M  Lat Deg MinSec Long DegMinSec
me (Print Last, First Name) <u>Flaherty, Scott</u> iller/Engineer /Trainee Signature	Tax Parcel No.	Di
iller or Trainee License No. 3118		Diameter 2.25 Static Level
trainee, licensed driller's Signature and License Number		ion Start Date <u>6/13/2014</u>
	Work/Decommiss	ion Completed Date 6/13/2014
Construction Design	Well Data	Formation Description 0 - 20' SAND
SAND		
20'		RECEIVED JUL 28 2014 WA State Department of Ecology (SWRO)

RESOURCE PROTECTION WELL SUBMIT ONE WELL REPORT PER WELL IN		CURRENT	Notice of Int Type of Well	1. AD T	51745
onstruction/Decommission ("x" in box) Construction Decommission				Protection	
RIGINAL INSTALLATION Notice of Intent Number		Property Owner DB	and the second second		
	BI	Site Address W 15th	Street & W Mi	ll Plain Blvd	l
onsulting Firm AMEC Environmental		City Vancouver			County Cla
nique Ecology Well IDTag No. <u>none</u> /ELL CONSTRUCTION CERTIFICATION: 1 const cept responsibility for construction of this well, and its complian ashington well construction standards. Materials used and the in ove are true to my best knowledge and belief. Driller  Engineer  Trainee ame (Print Last, First Name) Flaherty, Scott	ce with all	Location <u>SE</u> 1/4-1/4 EWM  or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No.		Min	Sec Sec
riller/Engineer /Trainee Signature		Cased or Uncased D	Diameter 2 25	Static I	evel
riller or Trainee License No. <u>3118</u>		Work/Decommissio		1.	
trainee, licensed driller's Signature and License	Number:	Work/Decommissio		77.01	(
		work/Decommissio	in Completed D	ate 0/15/201-	
	WHD	4	Tree	Dec.	
Construction Design	Well Da	ata	0 - 20' SAN	mation Des	cription
SAND					
20'				RECEI JUL 28	2014

JBMIT ONE WELL REPORT PER WE nstruction/Decommission ("x" in box) Construction	VELL REPORT	GURRENI	Type of Well	Protection
Decommission	na la companya da companya			Soil Boring
IGINAL INSTALLATION Notice of Intent 1 51745	Number: B3	Property Owner DE		
nsulting Firm AMEC Environmental	00	Site Address W 15 <sup>th</sup>	Street & W MI	
ique Ecology Well IDTag No. none		City Vancouver		County Clar
ELL CONSTRUCTION CERTIFICATION pt responsibility for construction of this well, and its hington well construction standards. Materials used a	compliance with all	Location <u>SE</u> 1/4-1/4 EWM 🗌 or WWM		「wn <u>2N</u> R <u>1E</u>
e are true to my best knowledge and belief.	and the information reported	Lat/Long (s, t, r	Lat Deg	Min Sec
Driller 🔲 Engineer 🔲 Trainee		still REQUIRED)	Long Deg	Sec
ne (Print Last, First Name) Flaherty, Scott		Tax Parcel No		
ller or Trainee License No. 3118		Cased or Uncased I	Diameter 2.25	Static Level
		Work/Decommissio	n Start Date 6/1	3/2014
rainee, licensed driller's Signature and 1	License Number:	Work/Decommissio	n Completed D	ate 6/13/2014
		in one Decommusic	in compieted of	
Second and the			1.4	
Construction Design	Well I Decommision by fil		For 0 - 20' SANI	mation Description
SAND				
20'				IECEIVED JUL 2 8 2014 State Department

CURRENT Notice of Intent No. <u>SE51745</u> Type of Well ("x in box) Resource Protection Geotech Soil Boring
Property Owner DBG, LLC
Site Address W 15 <sup>th</sup> Street & W Mill Plain Blvd
City Vancouver County Cla
Location <u>SE</u> 1/4-1/4 <u>NE</u> 1/4 Sec <u>51</u> Twn <u>2N</u> R <u>1E</u> EWM
still REQUIRED) Long DegMinSec
Tax Parcel No
Cased or Uncased Diameter 2.25 Static Level
Work/Decommission Start Date 6/13/2014
Work/Decommission Completed Date 6/13/2014
work/Decommission Completed Date 6/15/2014
Data Formation Description
DECEMEN
RECEIVED
JUL 2 8 2014
of Ecology (SWRO)
Children Eschogy (SWRO)

RESOURCE PROTECTIO SUBMIT ONE WELL REPORT PER Construction/Decommission ("x" in bo	WELL INSTALLED)	CURRENT	Notice of Int	ent No. <u>AE27267</u>
Construction	()		Resource	Protection
Decommission	N.	Property One of DP		Soil Boring
DRIGINAL INSTALLATION Notice of In E51745	B2	Property Owner <u>DB</u> Site Address <u>W 15<sup>th</sup></u>		Il Plain Blud
onsulting Firm AMEC Environmental		City Vancouver	Street & W WI	County Cla
nique Ecology Well IDTag No. none		eny <u>vancouver</u>		county cn
VELL CONSTRUCTION CERTIFICAT cept responsibility for construction of this well, and	id its compliance with all	Location <u>SE</u> 1/4-1/4 EWM 🗌 or WWM		ſwn <u>2N</u> R <u>1E</u>
ashington well construction standards. Materials hove are true to my best knowledge and belief.	used and the information reported	Lat/Long (s, t, r	Lat Deg	MinSec
Driller 🔲 Engincer 🗋 Trainee		still REQUIRED)	Long Deg	MinSec
ame (Print Last, First Name) Flaherty, Scott	0	Tax Parcel No	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
riller/Engineer /Trainee Signature riller or Trainee License No. 3118		Cased or Uncased I	Diameter 2.25	Static Level
		Work/Decommissic	on Start Date 6/1	3/2014
trainee, licensed driller's Signature a	nd License Number:	Work/Decommissio	on Completed D	ate 6/13/2014
Construction Design	Well	Doto	For	mation Description
Construction Design	Decommision by fil		0 - 20' SAN	
SAND				
20			WAs	ECEIVED JUL 28 2014 Diale Department Scology (SWRO)

UBMIT ONE WELL REPORT PER onstruction/Decommission ("x" in box Construction				Protection	
Decommission			Geotech	Soil Boring	
RIGINAL INSTALLATION Notice of Inte	nt Number:	Property Owner DB			
251745	<u></u> <u></u> <u></u>	Site Address W 15 <sup>th</sup>	Street & W Mi	11 Plain Blvc	1
onsulting Firm AMEC Environmental		City Vancouver			County Cla
nique Ecology Well IDTag No. none					
ELL CONSTRUCTION CERTIFICATI ept responsibility for construction of this well, and shington well construction standards. Materials u	t its compliance with all	Location <u>SE</u> 1/4-1/4 EWM  or WWM			
we are true to my best knowledge and belief.		Lat/Long (s, t, r	Lat Deg	Min	Sec
Driller 🗆 Engineer 🗖 Trainee		still REQUIRED)	Long Deg	Min	Sec
me (Print Last, First Name) <u>Flaherty, Scott</u> iller/Engineer /Trainee Signature	2	Tax Parcel No		-	
iller or Trainee License No. 3118	~	Cased or Uncased I	Diameter 2.25	Static	Level
and a realize blocks risk size		Work/Decommissio	on Start Date 6/1	3/2014	
trainee, licensed driller's Signature ar	d License Number:				4
		Work/Decommissio	in Completed D	ate 0/15/201	4
Construction Design	Well	Data	For	mation Des	scription
SAND			1.1	JUL 2	EIVED 8 2014
20'			o	f Ecology	epartment (SWRO)

START CARD NO. 501414

RILLING METHOD:	HOLLOW	STEM	AUSER
RILLER:	CURTIS	ENLE	<u>RS</u>
IRM:	1 PSL		
	undos c	Ehl	$\Delta$
ONSULTING FIRM:	PSĽ		
EPRESENTATIVE:		IEHLISIR	5

COUNTY: CLARK
LOCATION <u>: <i>NE</i><sup>1</sup>/4 _<i>NW</i>/1/4 Sec <u>2.7</u> Twn <u>2.0</u> R _/<i>E</i></u>
STREET ADDRESS OF WELL: S.U. CORNER OF N.O
15TH SE + COLOMBIN STREET, VANCOUVER, WA
WATER LEVEL ELEVATION: No SROUNDWATER
GROUND SURFACE ELEVATION:
INSTALLED: 7-13-99
DEVELOPED:

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
BORING ABANDONDEY USING GRANDLAR BENTOUTE	6 1/4 11 OD HOLLOW STEN HUGER	HSPHALT & BASE ROLK LIGAT BROWN GNODY SILT
		BRODN FRAY SAND
		ERAVELLY SHUD - BROWN
		SHNDY ERHVEL - BROWN
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ECY 050-12 (Rev. 11/89)

START CARD NO. 50 1414

PROJECT NAME: HIDDEN OFFICE BOILDING	COUNTY: CLARIC
WELL IDENTIFICATION NO. 13-2	LOCATION: <u>NE 14</u> <u>NW 14</u> Sec <u>27</u> Twn <u>2N</u> R <u>/C</u>
DRILLING METHOD: Noch STEM METER	STREET ADDRESS OF WELL: S. W CORNER NW 15 THS CA
DRILLER: CURTIS RHLIERS	Columbon ST. VANCOUVER, WH
FIRM:	WATER LEVEL ELEVATION: NO EROUND OFT CIT
FIRM: PSL SIGNATURE: Cut An 2h Urs	GROUND SURFACE ELEVATION: 80 /
CONSULTING FIRM:	INSTALLED: 7 -13 -99
REPRESENTATIVE: CURTIS EHLERS	DEVELOPED:

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
BORING ABHRUDONDLO 61411 OD USING GRARULAR HALLOS		ASPHALT & BASE ROCK LIGHT BROWN SANDY SILT 1
BEDTONITE	Hockoo stom Huscik	BROWN GRMY SHND
		BROUN SANDY ERAVEL
	TD 14'	
-		RECEIVES +
		JUL 2 € 1999
		BÉRAKTULAN DÉLE DELES MATLESOU DARES MAT
	PAGEOF	<u></u>

START CARD NO. SOIH

PROJECT NAME:	DIEN OFF	ICE BUILDIRE
WELL IDENTIFICATION	NO. <u>R-3</u>	
DRILLING METHOD:	HOLLOW	STEM AVERR
DRILLER:	CUICTIS	EHLORS
FIRM:	<u>psi</u>	
SIGNATURE:	AD E	hurs
CONSULTING FIRM:	PSL	
REPRESENTATIVE:	CURTIS	EHLERS

COUNTY: <u>CLARK</u>
LOCATION: <u>N/67</u> /4 <u>N/W</u> 1/4 Sec <u>2,7</u> Twn <u>2,0/</u> R <u>1 /6</u>
STREET ADDRESS OF WELL: SW. CORNER NW 15 TH
ST+ COLUMBING STREET VANCOUVER, WH
WATER LEVEL ELEVATION: No GROUND WATER
GROUND SURFACE ELEVATION:
INSTALLED: 07-14-99
DEVELOPED:

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
BORING ABHNOONDOD	6 1/4 " OD	ASPHULT + BASE ROCK
USING ERMNULUR	Hollow Stam	[
BenToNITE	AUSER	LIGHT BROWD SUNDY SILT
		JUL 2 € 1999
-		DEFINIS INC. OF CONTRACT,
		Milling ( 1999) - Official Strictly (
		BROWN ERAY SAND
-		
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-		
		BENSE BRAVEL
	TD 26-5'	
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CALE: 1" =		

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START CARD NO. 501414

PROJECT NAME:	IDDEN 0	FFICE	BUILDING
WELL IDENTIFICATION	NO. <u>B-4</u>		
DRILLING METHOD:	HOLLOO	stin	AUGER
DRILLER:	CURTIS	KALE	ج٢
FIRM:	Psi		
SIGNATURE: (	ut-E	hes	
CONSULTING FIRM:	PSL		
REPRESENTATIVE:	CORTIS	KHLKA	छ

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COUNTY: CLARK
LOCATION: <u>NE 1/4 NW 1</u> /4 Sec <u>27</u> Twn <u>2.N</u> R <u>15</u>
STREET ADDRESS OF WELL: 54 CORNER IV WISS THE
CHUMBIN ST., VIANCOUVER, WH
WATER LEVEL ELEVATION: NO EROOND WATER
GROUND SURFACE ELEVATION:
INSTALLED: 7-14-59
DEVELOPED:

	AS-BUILT	WELL DATA	FORMATION DESCRIPTION	
T	BORINE ABANDONDED	61/4" OD	HSPHHLT + BASE ROCK	— — —
Ì	USING ERADULAR	Hollow Stom	BROWN SILTY SHND	I
1	BENTINITE	AUSAR		 
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Т I				1
   			THN/BROWN SAND	1
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Job Number:	XL-3604-H
Boring:	CRC-TR-43-12

			В	oring:	CRC-TR-43-12
Please pri	nt, sign and return	to the Departmer	nt of Ecology		
<b>RESOURCE PROTECTION</b>		CURRENT	Notice of Inte	nt No. SE46	821/AE19858
(SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box)	LL INSTALLED)		Type of Well (		
Construction			Resource	Protection	475179
ORIGINAL INSTALLATION Notice of Intent.	Numher	Property Owner <u>WS</u>		Burioti no	
		Site Address Vic. 0		n	
Consulting Firm WSDOT		City			
Unique Ecology Well IDTag No.		Location <u>NE</u> 1/4-			
WELL CONSTRUCTION CERTIFICATION		EWM 🔲 or WWM			
accept responsibility for construction of this well, and its Washington well construction standards. Materials used		Lat/Long (s, t, r	Lat Deg Min Sec		
above are true to my best knowledge and belief.	-	still RÉQUIRED)	Long Deg	Min	Sec
X Driller 🗋 Engineer 🗋 Trainee Name (Print Last, First Name)Sanders, Ryan		Tax Parcel No			· · · · · · · · · · · · · · · · · · ·
Driller/Engineer /Traince Signature		Cased or Uncased E	Diameter <u>4</u> "	Static Lev	el <u>26.7'</u>
Driller or Trainee License No. 2935		Work/Decommissio			
If trainee, licensed driller's Signature and	License Number:	Work/Decommissio	n Completed Da	te <u>12/11/2012</u>	
	·				
Construction Design	Well 1	Data	Form	nation Descri	ption
			0 - 12 ft	Sand with silt	
			12 - 24 ft	Gravel with sa	nd and silt
			24 - 30.5 ft	Sand with grav	el
	•				
			•		
				RECE	EIVED
				JAN 1	6 2013
			N		
			V	of Ecolor	Department Jy (SWRO)
				<b>U</b> : 200,05	,,,
Boring was backfilled with bentonite hole plug to surface.					

SCALE: 1"= \_\_\_\_\_PAGE \_1 OF \_1

ECY 050-12 (Rev. 7/06)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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Job Number:	XL-3604-H
Boring:	CRC-TR-43

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ESOURCE PROTECTION		CURRENT	Notice of Int	ent No. SE4682	1/AE19858
UBMIT ONE WELL REPORT PER WI onstruction/Decommission ("x" in box) Construction	ELL INSTALLED)		Type of Well	("x in box) Protection	4751
Decommission			Geotech		/
	Number:	Property Owner WS			<u> </u>
onsulting Firm WSDOT		Site Address Vic. C			
nique Ecology Well IDTag No.		City Location _NE1/4-		y <u>Clark</u>	
ELL CONSTRUCTION CERTIFICATION		EWM or WWM		ec <u></u> 1 wh <u></u>	<u> </u>
cept responsibility for construction of this well, and its ashington well construction standards. Materials used over are true to my best knowledge and belief.	compliance with all		Lat Deg	MinSe	
Driller 🔲 Engineer 🔲 Trainee		Tax Parcel No.		MinSe	ec
me (Print Last, First Name) Sanders, Ryan		Cased or Uncased D		Static Level	26.7'
riller/Engineer /Trainee Signature <b>KA</b> riller or Trainee License No. <b>2935</b>		Work/Decommissio			
				10/11/2010	
trainee, licensed driller's Signature and	License Number:	Work/Decommissio		ate	
Construction Design	Well I	Data	For	mation Descript	ion
Constitution Design			0 - 12 ft	Sand with silt	
	· ·		12 - 24 ft	Gravel with sand	and silt
	,		24 - 30.5 ft	Sand with gravel	•
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			· ·		
			· · · ·	REC	EIVE
				REC	EIVE
			· ·	JAN	EIVE 1 0 2013
				JAN	

ECY 050-12 (Rev. 7/06)

Job Number: XL-3604-H Boring: CRC-TR-40-12 .

BMIT ONE WELL REPORT PER WELL istruction/Decommission ("x" in box) Construction	, INSTALLED)			ll ("x in box) re Protection 475 a Soil Boring	78
Decommission GINAL INSTALLATION Notice of Intent Num	nher F	roperty Owner W		1 John Doning	
GIVAL INSTALLATION Notice of ment Num		Site Address		n	
sulting Firm WSDOT				ty <u>Clark</u>	
que Ecology Well IDTag No.		-		Sec <u>27</u> Twn <u>2 N R 1</u>	-
VELL CONSTRUCTION CERTIFICATION: 1 constructed and/or scept responsibility for construction of this well, and its compliance with all ashington well construction standards. Materials used and the information reported		EWM 🗌 or WWM			
e are true to my best knowledge and belief.		till REQUIRED)	-	MinSec	
Driller 🔲 Engineer 🔲 Trainee		fax Parcel No			
e (Print Last, First Name) Nelson, Brad				Static Level	
ler/Engineer /Trainee Signature					
		Work/Decommissic			
ainee, licensed driller's Signature and Lice	ense Number: V	Work/Decommissic	on Completed I	Date	
Construction Design	Well Data	a	Fo	rmation Description	
			0 - 0.3 ft	Pavement	
			0.3 - 19 ft	Sand with silt	
			19 - 34 ft	Sand	
			34 - 36 ft	Sand with silt	
			· .		
·				DECENT	
				RECEIVE	<b>=</b> L
				JAN 1 6 2013	3
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				WA State Depart	

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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Job Number:	XL-3604-H
Boring:	CRC-TR-42-12

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ESOURCE PROTECTION UBMIT ONE WELL REPORT PER W Instruction/Decommission ("x" in box) Construction Decommission		CURRENT	Type of Wel	e Protection 17518	
UGINAL INSTALLATION Notice of Inten	t Number:	Property Owner We	—		
		Site Address Vic. Of W. 16th and Main			
nsulting Firm WSDOT		City	Count	y Clark	
ique Ecology Well IDTag No				ec <u>27</u> Twn <u>2N</u> R <u>1</u>	
ELL CONSTRUCTION CERTIFICATIC ept responsibility for construction of this well, and i shington well construction standards. Materials use we are true to my best knowledge and belief.	EWM 🔀 or WWM	Lat Deg	MinSec		
🕱 Driller 🔲 Engineer 🗋 Traince		Tax Parcel No		MinSec	
ne (Print Last, First Name) Sanders, Ryan			Static Level24.3'		
Driller/Engineer /Traince Signature 478.					
· · · · · · · · · · · · · · · · · · ·		Work/Decommissic			
trainee, licensed driller's Signature and	License Number:	Work/Decommissic	on Completed D	ate	
Construction Design	Well 1	Data	For	mation Description	
Construe d'un 2 cargin			0 - 0.7 ft	Pavement	
			0.7 - 4.5 ft	Gravel with sand and silt	
			4.5 - 18 ft	Sand with silt	
			18 - 29.5 ft	Sand with gravel	
	· · · ·				
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	1			RECEIVE	
				•	
				JAN 1 6 2013	
				JAN 1 6 2013	
				JAN 1 6 2013 WA State Departm of Ecology (SWF	

Job Number:	XL-3604-H
Boring:	CRC-TR-41-12

			Boring: CRC-TR-41-12
<b>RESOURCE PROTECTION WELL</b>	REPORT o	Department of Ecolo CURRENT Notice of I	gy ntent No
(SUBMIT ONE WELL REPORT PER WELL INST Construction/Decommission ("x" in box) Construction Decommission		🛄 Resou 🔀 Geoteo	<b>cll</b> ("x in box) rce Protection 475/83 ch Soil Boring
ORIGINAL INSTALLATION Notice of Intent Number:	-	ty Owner WSDOT ddress Vic of W16th and Ma	ain
Consulting FirmWSDOT			inty Clark
Jnique Ecology Well IDTag No.			Sec <u>27</u> Twn <u>2 N R 1</u>
VELL CONSTRUCTION CERTIFICATION: I constru- ccept responsibility for construction of this well, and its compliance Vashington well construction standards. Materials used and the info bove are true to my best knowledge and belief.	cted and/or EWM with all rmation reported Lat/Lo	or WWM D	MinSec
Constant Consta	Cased		4"Static Level8'
f trainee, licensed driller's Signature and License N		Decommission Start Date Decommission Completed	
Construction Design	Well Data	Ą	ormation Description
		0 - 0.8 ft	Pavement
	,	0.8 - 4 ft 4 - 7 ft	Sand with silt Gravel with sand and silt
		4 - 7 ft	Sand with silt
		27 - 31 ft	Sand with gravel
	. · · ·		
			RECEIVE
			JAN 1 6 2013
Boring was backfilled with bentonite hole plug to surface.			WA State Departm of Ecology (SWR

SCALE: 1"= \_\_\_\_ PAGE \_1\_\_ OF \_1\_\_

ECY 050-12 (Rev. 7/06)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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Job Number:	XL-3604-H
Boring:	CRC-TR-40-12

			Boring	CRC-TR-40-12
Please pri	nt, sign and return			
<b>RESOURCE PROTECTION V</b>	WELL REPORT	CURRENT I	Notice of Intent No.	SE-46821/AE-19858
(SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box) ☐ Construction ☐ Decommission ORIGINAL INSTALLATION Notice of Intent		Property Owner <u>WS</u>	<b>Type of Well</b> ("x in bo. Resource Protection Geotech Soil Borin	<sup>c)</sup> n <i>47518</i> 3
Consulting Firm WSDOT	·	Site Address <u>Vic o</u> City	f W 16th and Main County <u>Clark</u>	
Unique Ecology Well IDTag No		•	1/4 <u>NW</u> 1/4 Sec <u>27</u>	
WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards. Materials used above are true to my best knowledge and belief.	compliance with all	EWM 🗌 or WWM		Sec
Driller Engineer Trainee Name (Print Last, First Name) Nelson, Brad Driller/Engineer /Trainee Signature Driller or Trainee License No. 2969			Diameter <u>4"</u> Stati	
If trainee, licensed driller's Signature and	License Number:			2/2012
Construction Design	Well I	Data	Formation D	escription
			0 - 0.3 ft Paveme	nt

0 - 0.3 ft Pavement 0.3 - 19 ft Sand with silt 19 - 34 ft Sand 34 - 36 ft Sand with silt	
19 - 34 ft Sand	
34 - 36 ft Sand with silt	
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WA State Depart	nent
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ORIGINAL INSTALLATION Notice of Intent Number:       Property Owner WSDOT         Consulting Firm WSDOT       Site Address Vic. Of W. 16th and Main         Consulting Firm WSDOT       County Clark         Unique Ecology Well IDTag No.       Location NE 1/4-1/4 NW 1/4 Sec 27 Twn 2N R 1         WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction standards. Materials used and the information reported above are true to my best knowledge and belief.       EWM X or WWM Lat Deg Min Sec	• .					Job Number: XL-3604-H Boring: CRC-TR-42-12	2		
(SUBMIT ONE WELL REPORT PER WELL INSTALLED)       The of WELL ("\n' in box)       Construction       Property Owner WESOT       Property Owner	RESOURCE PROT	•	•	to the Departmen	nt of Ecolog Notice of Inf	y ent No <sup>SE46821/AE19858</sup>			
Construction Cons	(SUBMIT ONE WELL REI	PORT PER WELL I				(49) ····································	<b>—</b>		
□ Decommission		("x" in box)			Resource	e Protection 4/3/8	24		
Consulting Firm WSDOT       Site AddressVec_OVW_19th and Main         Consulting Firm WSDOT       County Clark         Unique Ecology Well IDTag No       Location NE_1/4.1/4_NV_1/4 Sec_27_Twn_2N_R_1         WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or acceptrapolability for construction addies and the information reported have are used by the information reported have are used have a	Decommission			14/		Soil Boring			
Consulting Firm _WSDOT County Clark Unique Ecology Well IDTag NO County Clark Location _NE_1/4.1/4 _NW 1/4 Sec _27 _ Twn _2N _ R BWM  G_ or WWM Location _NE_0 (G, t, r Location _NE_0 (G, t, r Nin Sec Autor of the information reported above are true to my best knowledge and helid.	ORIGINAL INSTALLATION	Notice of Intent Numb	per:						
Unique Ecology Well IDTag No	Consulting Firm WSDOT								
WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept capability for construction of this well, and its compliance with all above are true to my beak knowledge and belief. But Orline Last, First Name, Sangers, Ryan Driller or Traince Signature Area (License Number: Driller or Traince Signature and License Number: Construction Design Well Data Construction Design Well Data Construction Design Well Data Construction Design Construction design Construction Design Construction Design Construction Design Construction Design Well Data Construction Design Construction Desi									
accept reports this for construction and this work and the information reported above are true to my best knowledge and belief.	WELL CONSTRUCTION C	ERTIFICATION: 1 co	nstructed and/or				-		
above sec time to my best knowledge and belief.       still REQUIRED)       Long DegMinSec         M Driller D Trainee Signature Signature and License Number:       Tax Parcel No       Cased or Uncased Diameter4*Static Level _24.3*         Work/Decommission Start Date12/10/2012       Work/Decommission Start Date12/10/2012         Work/Decommission Completed Date12/10/2012       Work/Decommission Completed Date12/10/2012         Construction Design       Well Data       Formation Description         0 - 0.7 ft       Pavement       0.7.4.5 ft       Grave with sand and silt         4.5 - 18 ft       Sand with silt       18 - 29.5 ft       Sand with gravel         RECEIVED         JAN 1 6 2013	accept responsibility for construction	of this well, and its compl	iance with all		_	Min Sec			
Diriter Bigner Diriting:       Tax Parcel No	above are true to my best knowledge and belief.								
Cased or Uncased Diameter	Driller 🗖 Engineer 🗖 Trainee	ders Ryan		Tax Parcel No			_		
If traince, licensed driller's Signature and License Number: Work/Decommission Completed Date 12/10/2012 Construction Design Well Data Formation Description 0 - 0.7 /t Pevement 0.7 - 4.5 ft Gravel with sand and silt 4.5 - 18 ft Sand with silt 18 - 29.5 ft Sand with gravel RECEIVED JAN 16 2013	Driller/Engineer /Trainee Sign	nature YA		Cased or Uncased I	Diameter4"	Static Level24.3'	_		
Construction Design       Well Data       Formation Description         0 - 0.7 ft       Pavement         0.7 - 4.5 ft       Gravel with sand and sift         4.5 - 18 ft       Sand with silt         18 - 29.5 ft       Sand with gravel         RECEIVED         JAN 1 6 2013	Driller or Trainee License No	2935					<u> </u>		
Construction Design       Well Data       Formation Description         0 - 0.7 ft       Pavement         0.7 - 4.5 ft       Gravel with sand and sift         4.5 - 18 ft       Sand with silt         18 - 29.5 ft       Sand with gravel         RECEIVED         JAN 1 6 2013	If trainee, licensed driller's	Signature and Licen	se Number:	Work/Decommissio	on Completed D	ate12/10/2012			
0-0.7 ft Pavement 0.7-4.5 ft Gravel with sand and silt 4.5-18 ft Sand with gravel 18-29.5 ft Sand with gravel RECEIVED JAN 1 6 2013									
0.7 - 4.5 ft Gravel with sand and silt 4.5 - 18 ft Sand with gravel 18 - 29.5 ft Sand with gravel RECEIVED JAN 1 6 2013	Construction De	sign	Well I	Data	For	mation Description			
4.5 - 18 ft Sand with silt 18 - 29.5 ft Sand with gravel RECEIVED JAN 1 6 2013					0 - 0.7 ft	Pavement			
18 - 29.5 ft Sand with gravel <b>RECEIVE</b> JAN 1 6 2013					0.7 - 4.5 ft	Gravel with sand and silt			
RECEIVED JAN 1 6 2013					4.5 - 18 ft	4			
JAN 1 6 2013					18 - 29.5 ft	Sand with gravel			
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Please pri RESOURCE PROTECTION V	nt, sign and return		nt of Ecolog Notice of In	ly tent No <sup>SE-</sup>	46821/AE-19858
SUBMIT ONE WELL REPORT PER WE		GORRENT			<u> </u>
Construction/Decommission ("x" in box)				e Protection	47512
Decommission	•			1 Soil Boring	91310
ORIGINAL INSTALLATION Notice of Intent	Number:	Property Owner WS			
Consulting Firm _WSDOT	· · · · · ·	Site Address <u>Vico</u>			<u> </u>
Jnique Ecology Well IDTag No.			County Clark 		
VELL CONSTRUCTION CERTIFICATION	J: I constructed and/or	EWM 🗌 or WWM			
ccept responsibility for construction of this well, and its Vashington well construction standards. Materials used	compliance with all	Lat/Long (s, t, r		Min	Sec
bove are true to my best knowledge and belief.		still REQUIRED)	-	Min	
Driller 🗋 Engineer 🔲 Trainee		Tax Parcel No			
Name (Print Last, First Name) Nelson, Brad Driller/Engineer /Trainee Signature		Cased or Uncased D	Diameter <u>4</u> "	Static Le	evel <u>8'</u>
Driller or Trainee License No. 2969		Work/Decommissio			
f trainee, licensed driller's Signature and	License Number:	Work/Decommissio	n Completed I	Date	12
Construction Design	Well I	Data	Fo	rmation Desci	ription -
			0 - 0.8 ft	Pavement	
			0.8 - 4 ft	Sand with silt	
•			4 - 7 ft	Gravel with s	and and silt
			7 - 27 ft	Sand with silt	
			27 - 31 ft	Sand with gra	avel
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				.ΙΔΝ	1 6 2013
				WA State	e Departm ogy (SWR
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int, sign and return	to the Departme	ent of Ecology
VELL REPORT ELL INSTALLED) Number:		Type of Well ("x in box) X Resource Protection Geotech Soil Boring USEPHINE Martens
V: I constructed and/or compliance with all and the information reported	Site Address 170 City <u>Uancour</u> Location <u>NW</u> 1/4 EWM X or WW Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased Work/Decommissi	$\frac{O - 1708 \text{ Main St}}{V \text{ County Clark}}$ $\frac{V \text{ County Clark}}{V \text{ Lark}}$ $\frac{1/4 \text{ DE}}{1/4 \text{ Sec } 27 \text{ Twn} 2M \text{ R} \text{ E}}$ $\frac{M \text{ Lat Deg}}{\text{ Lat Deg}} \frac{\text{ Min } \text{ Sec }}{\text{ Min } \text{ Sec }}$ $\frac{1}{\text{ Long Deg}} \frac{\text{ Min } \text{ Sec }}{\text{ Min } \text{ Sec }}$ $\frac{1}{\text{ Diameter } 2/4 \text{ Min } \text{ Static Level} \sqrt{A}}{\text{ on Start Date } 8/2/13}$
		on Completed Date <u><math>9/2/13</math></u>
Boring pus 5 ' depth Boring dia 21/4"	shed to oncter	O-3" Asphalt 3"-5' sand with site
		RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)
	WELL REPORT ELL INSTALLED) Number: V: I constructed and/or compliance with all and the information reported I av c License Number: Well I Boring pus 5 ' depth Boring dia 2/4" Soil only,	Number:       Property Owner $\_$ Site Address $170$ City Uancour         Iconstructed and/or         compliance with all         and the information reported         Have         Cased or Uncased         Work/Decommissi         Work/Decommissi         Work/Decommissi         Work/Decommissi         Soil only, NO water

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P3222-7970

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Please p RESOURCE PROTECTION (SUBMIT ONE WELL REPORT PER W		-	ent of Ecology T Notice of Intent No. <u>EE04052</u>
Construction/Decommission ("x" in box) Construction Decommission			Type of Well ("x in box) 498 804 ☐ Resource Protection ☐ Geotech Soil Boring
ORIGINAL INSTALLATION Notice of Intent	Number:		Jusephine Martens
Consulting Firm <u>TEMALON</u> Unique Ecology Well IDTag No/A	1	City Vancou	<u>00-1708 Main St</u> <u>VEV</u> County <u>Clark</u> 4-1/4 <u>DE</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>  E</u>
WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards. Materials used above are true to my best knowledge and belief.	s compliance with all	EWM 🛛 or WW Lat/Long (s, t, r still REQUIRED)	M [_] Lat Deg Min Sec
A Driller Engineer Trainee Name (Print Last, First Name) Chalona Driller/Engineer /Trainee Signature Driller or Trainee License No. 3000	larc	Tax Parcel No Cased or Uncased	Long Deg Min Sec Diameter $\frac{2  \mu''}{2  \text{Static Level}  \lambda/A}$ ion Start Date $\frac{8/2}{13}$
If trainee, licensed driller's Signature and	License Number:		ion Completed Date $\frac{9/2/13}{2}$
Construction Design	Well I	DataEB-1	Formation Description
21/4" diaméter	Boring pur 40' depth Boring di 244" Soil only, sample	n ameter No water	0-3" Asphalt 3"-5' sand with silt: 5'-125' sand w/gravel 12.5-20' sand 20'-25' sandy silt 25'-35' sand 35'-40' sand w/gravel
40'			DECENTED
			RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)
	SCALE: 1"= 10" PA	GE Í OF Í	

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RESOURCE PROTECTION			ent of Ecology <b>FNotice of Intent No</b> . <u>AE23048</u>
(SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box) Construction Decommission	VELL INSTALLED)		<b>Type of Well</b> ("x in box) 498805 Resource Protection Geotech Soil Boring
ORIGINAL INSTALLATION Notice of Inten EE04652	t Number:		Dosephine martens
Consulting Firm TEVV a CON			12V County Clark
Unique Ecology Well IDTag No. 14			$-1/4 \underline{NE} 1/4 \operatorname{Sec} \overline{Q7} \operatorname{Twn} \overline{QN} \operatorname{R} \overline{IE}$
WELL CONSTRUCTION CERTIFICATIO accept responsibility for construction of this well, and i Washington well construction standards. Materials use above are true to my best knowledge and belief.	ts compliance with all	EWM 🔀 or WWN Lat/Long (s, t, r still REQUIRED)	A [] Lat Deg Min Sec
Driller □ Engineer □ Traince Name (Print Last, First Name) <u>Chalona, /</u> Driller/Engineer /Trainee Signature _////////////////////////////////////	Marc .	Tax Parcel No.	Long DegMinSec Diameter 2/4 ''Static Level $\mathcal{N}/\mathcal{A}$
Driller or Trainee License No. 3000		Work/Decommissie	on Start Date <u>8/2/13</u>
If trainee, licensed driller's Signature and	License Number:	Work/Decommissie	on Completed Date 8/2/13
Construction Design	Well D	Data EB-1	Formation Description
0' 274"	Backfill with be from 40	boring ntonite '-1'	
401	Restore su Aspalt/gra	ovface ivel	RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

SCALE: 1"= <u>10'</u> PAGE <u>0</u>F <u>1</u> P3222-7970

<b>RESOURCE PROTECTION</b>			ent of Ecology T Notice of Intent No. <u><i>EE</i>0</u> 405a
<ul> <li>(SUBMIT ONE WELL REPORT PER W</li> <li>Construction/Decommission ("x" in box)</li> <li>☑ Construction</li> <li>☑ Decommission</li> <li>ORIGINAL INSTALLATION Notice of Intent</li> </ul>		Property Owner	Type of Well ("x in box) 498805 Resource Protection Geotech Soil Boring USEPHINE Martens
Consulting Firm <u>TERRALON</u> Unique Ecology Well IDTag No. <u>///</u> WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its	N: I constructed and/or s compliance with all	Site Address $17($ City <u>Uancou</u> Location <u>NW</u> 1/4 EWM $\boxtimes$ or WW1	<u>00-1708 Main St</u> <u>VEV</u> County <u>Clark</u> 4-1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> M□
Washington well construction standards. Materials used above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print Last, First Name) Chalona Driller/Engineer /Trainee Signature Driller or Trainee License No. 3000	1arc Malan	Work/Decommiss	Lat Deg Min Sec Long Deg Min Sec Diameter $\frac{2/4"}{2/13}$ Static Level $\frac{2/4}{13}$
If trainee, licensed driller's Signature and Construction Design		Work/Decommissi Data $\mathcal{E}\mathcal{B}$ - $\mathcal{J}$	Formation Description
O'	Boring pus 15' depth Boring dia 21/4"	shed to	0-3" Asphalt 3"-5' sand with silt 5'-15' sand w/gravel
21/4" diameter	soil only, sample	NO wəter	
15'			
			RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

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SCALE: 1"= <u>5</u> PAGE <u>1</u> OF <u>1</u>

RESOURCE	PROTECTION	print, sign and return WELL REPORT		ent of Ecology <mark>T Notice of Intent No. <u>EE04</u>05</mark>
	ELL REPORT PER Worksion ("x" in box)	VELL INSTALLED)		Type of Well ("x in box) Resource Protection Geotech Soil Boring
	LATION Notice of Inten	t Number:	Property Owner	Usephine Martens
				00-1708 Main st
Consulting Firm 18				VEN County CLARK
	ell IDTag No		Location $\underline{NW}$ 1/2	4-1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1</u> E
WELL CONSTRU(	CTION CERTIFICATIC construction of this well, and i	N: I constructed and/or	EWM 🔀 or WWI	
Washington well constru	ction standards. Materials use	d and the information reported	Lat/Long (s, t, r	Lat Deg MinSec
above are true to my best			still REQUIRED)	Long DegMinSec
A Driller 🔲 Engineer Name (Print Last, First N	Trainee	Yarc	Tax Parcel No.	
Driller/Engineer /Tr	ainee Signature icense No. 3000	ma Chal		Diameter $\frac{24''}{24}$ Static Level $\frac{N/A}{24}$
Juiller or Trainee Li	cense No. <u>3000</u>	<u> </u>		ion Start Date 8/2/13
f trainee, licensed	driller's Signature and	License Number:	Work/Decommissi	ion Completed Date 9/2/13
Constru	ction Design	Well I	Data E13=7	Formation Description
		Barring Out	thed to	
		porng po	shid 10	0-5 Asphalt
	0'	Boring pus 5 ' depth Boring dia 2/4"	1	0-3" Asphalt 3"-5' sand with s
		Boring di	ometer	3-5 52Ma WIIKO
		21/4"		
		soil only,	10 usater	
	21/4" diameter	Son origi		
	aneter	sample		
	0101			
1				
	5'			
L	O			
				DERENJER
				RECEIVED
				NOV 2 7 2013
				WA State Department of Ecology (SWRO)

<b>RESOURCE PROTECTION</b>			nt of Ecology Notice of Intent No. <u>AE23048</u>
<ul> <li>(SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box)</li> <li>☐ Construction</li> <li>☑ Decommission</li> <li>ORIGINAL INSTALLATION Notice of Intent</li> </ul>		Property Owner 🔔	Type of Well ("x in box) Type of Well ("x in box) Resource Protection 498 721 Geotech Soil Boring DOSEPHINE MOVIENS
<u>EE04652</u> Consulting Firm <u>TEVV aCON</u> Unique Ecology Well IDTag No. <u>1.4</u> WELL CONSTRUCTION CERTIFICATION	N: 1 constructed and/or	Site Address $(700 - 1708 \text{ main s+})$ City $Vancouver$ County $Clark$ Location $NW$ 1/4-1/4 $NE$ 1/4 Sec $27$ Twn $2N$ R $IE$ EWM $\square$ or WWM $\square$	
accept responsibility for construction of this well, and it: Washington well construction standards. Materials used above are true to my best knowledge and belief. Driller  Engineer  Trainee Name (Print Last, First Name)  Chalona, M Driller/Engineer /Trainee Signature	and the information reported	Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased I	Long DegMinSec
Driller or Trainee License No. <u>3000</u> If trainee, licensed driller's Signature and Construction Design	License Number:		on Start Date $\frac{8/2/13}{2}$
Construction Design	Backfill with be from 5		Formation Description
	Restore su Aspalt/gra 0-1'	vface vel	RECEIVED NOV 2.7 2013 WA State Department of Ecology (SWRO)

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RESOURCE PROTECTION			ent of Ecology <b>Γ Notice of Intent No</b> . <u>ΕΕΟϤω5</u> ⋧
(SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box) Construction Decommission ORIGINAL INSTALLATION Notice of Inten	,		Type of Well ("x in box) 498716 Resource Protection Geotech Soil Boring USEPHINE Martens
Consulting Firm <u>TEMACOM</u> Unique Ecology Well IDTag No/	1	City Vancour	0-1708 Main St <u>VEV</u> County <u>Clark</u> 1-1/4 <u>DE</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u>
WELL CONSTRUCTION CERTIFICATIO accept responsibility for construction of this well, and it Washington well construction standards. Materials use above are true to my best knowledge and belief.	and the information reported	Work/Decommissi	$M \square Lat Deg \_ Min \_ Sec \_ Long Deg \_ Min \_ Sec \_ Diameter \frac{2/4}{4} Static Level \frac{2/4}{4} on Start Date \frac{8/2}{13} on Completed Date \frac{9/2}{13}$
Construction Design	Well I	Data EB-3	Formation Description
01	Boring pus 15' depth Boring dia 244"	shed to anneter	0-3" Asphalt 3"-5' sand with silt 5'-15 sand w/gravel
21/4" diameter	Soil only, sample	NO water	
15'			
			RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

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RESOURCE PROTECTION (submit one well report per w		CURRENT N	lotice of Intent No. $AE2304$
Construction/Decommission ("x" in box) Construction Decommission			Type of Well ("x in box) ↓ Resource Protection ↓ Geotech Soil Boring
ORIGINAL INSTALLATION Notice of Intent			sephine martens
Consulting Firm TEVY acon			County Clark
Unique Ecology Well IDTag No. 1.4			$4 \underline{NE} \frac{1}{4} \operatorname{Sec} \frac{27}{27} \operatorname{Twn} \frac{2N}{2N} \operatorname{R} \frac{1}{1}$
WELL CONSTRUCTION CERTIFICATION ccept responsibility for construction of this well, and its Washington well construction standards. Materials used bove are true to my best knowledge and belief.	compliance with all	EWM 🕅 or WWM [ Lat/Long (s, t, r	
B Driller □ Engineer □ Trainee lame (Print Last, First Name) <u>Chalona, N</u>	1arc	Tax Parcel No	
Driller/Engineer /Trainee Signature ////////////////////////////////////	retholon		meter 214" Static Level 1/1
			Start Date <u>8/2/13</u>
f trainee, licensed driller's Signature and ]	License Number:	Work/Decommission	Completed Date 8/2/13
Construction Design	Well I	Data EB-3	Formation Description
0°	Backfill with be from 15	intonite 	
	RESTORE SI Aspalt/gra 0-1'	uvface nvel	RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

P3222-7970

<b>D)</b> <b>Type of Well</b> ("x in box) $498714$ <b>X</b> Resource Protection <b>Geotech Soil Boring</b>
Property Owner <u>JUSEPhine Martens</u> Site Address <u>1700 - 1708 Main St</u> City <u>Vancouver</u> County <u>Clark</u> Location <u>NW</u> 1/4-1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u>
ported       Lat/Long (s, t, r       Lat Deg Min Sec         still REQUIRED)       Long Deg Min Sec         Tax Parcel No       O U u
Work/Decommission Start Date $\frac{2}{2}/\frac{3}{13}$ Work/Decommission Completed Date $\frac{9}{2}/\frac{13}{13}$
Well Data EB-5 Formation Description
pushed to 0-3" Asphalt pth diameter 3"-5' sand with sil 1" 5'-15' sand w/gravel
ly, No water
RECEIVED NOV 2.7 2013 WA State Department of Ecology (SWRO)

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Please p <b>RESOURCE PROTECTION</b> (SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box) Construction Decommission ORIGINAL INSTALLATION Notice of Inter- <u>EEO4653</u> Consulting Firm <u>EVV ACON</u> Unique Ecology Well IDT ag No. <u>MA</u> WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and if Washington well construction standards. Materials use above are true to my best knowledge and belief. Driller Construction Standards. Materials use above are true to my best knowledge and belief. Driller Construction Signature <u>MA</u> Driller I Engineer Trainee Name (Print Last, First Name) <u>Chalona</u> , M Driller/Engineer /Trainee Signature <u>MA</u> Driller or Trainee License No. <u>30000</u>	VELL INSTALLED)	CURREN Property Owner _ Site Address (70 City Varcow Location <u>MW</u> 1/ EWM a or WW Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased Work/Decommiss	T Notice of Intent No. <u>AE23048</u> Type of Well ("x in box) 2498714 Resource Protection Geotech Soil Boring <u>JOSEPHINE May tens</u> <u>JOSEPHINE May tens</u>
Construction Design	Well I Backfill with be from 15	Data EB-5 boring intonite	Formation Description
15'	Restore su Aspalt/gra 0-1'	ovface ovel	RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

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Please p <b>RESOURCE PROTECTION</b> (SUBMIT ONE WELL REPORT PER W			ent of Ecology <b>T Notice of Intent No</b> . <u>EE04053</u>
Construction/Decommission ("x" in box) Construction Decommission ORIGINAL INSTALLATION Notice of Inten Consulting Firm	t Number:	Site Address 170	Type of Well ("x in box) 498715 A Resource Protection Geotech Soil Boring OSEPHINE Martins O-1708 Main St VEV County Clark
Unique Ecology Well IDTag No. WELL CONSTRUCTION CERTIFICATIO accept responsibility for construction of this well, and in Washington well construction standards. Materials use above are true to my best knowledge and belief. Driller  Engineer  Trainee Name (Print Last, First Name)  Chalona Driller/Engineer /Trainee Signature Driller or Trainee License No. 3000	N: I constructed and/or ts compliance with all d and the information reported May C m Chalon	EWM 🔀 or WWN Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased Work/Decommissi	A-1/4 $\underline{\mathcal{WE}}$ 1/4 Sec $\underline{\mathcal{Q7}}$ Twn $\underline{\mathcal{QM}}$ R $\underline{IE}$ M Lat Deg <u>Min</u> Sec <u>Long Deg Min</u> Sec <u></u> Diameter $\underline{\mathcal{QH}}^{\mu}$ Static Level $\underline{\mathcal{MA}}$ ion Start Date $\underline{\mathcal{B}}/\underline{\mathcal{Q}}/\underline{13}$ ion Completed Date $\underline{\mathcal{B}}/\underline{\mathcal{Q}}/\underline{13}$
Construction Design	Well I Boring pus 15' depth Boring dia	Data <u>E13-4</u> Shed to SMEter	Formation Description O-3" Asphalt 3"-5' Sand with silt
21/4" diameter	244" Soil only, Sample		5'-15' sand w/silt
15'			RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

P3222-7970

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RESOURCE PROTECTION V (SUBMIT ONE WELL REPORT PER WE		-	ent of Ecology <b>T Notice of Intent No</b> . <u>AE23048</u>
Construction/Decommission ("x" in box) Construction Const		Promote Occurry	Type of Well ("x in box) 498 713 Resource Protection Geotech Soil Boring
EE04652	vumber.	Site Address (70	Dosephine martens
Consulting Firm TEVV acon			EV County Clark
Unique Ecology Well IDTag No. <u>MA</u>			1-1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>] E</u>
WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards. Materials used a above are true to my best knowledge and belief.	compliance with all	EWM 🕅 or WWN Lat/Long (s, t, r still REQUIRED)	Lat Deg MinSec
B Driller □ Engineer □ Trainee Name (Print Last, First Name) <u>Chalona, M</u> Driller/Engineer /Trainee Signature	RVC.	Tax Parcel No	Long DegMinSec Diameter 2/4" Static Level N/A
Driller or Trainee License No. 3000			on Start Date 8/2/13
If trainee, licensed driller's Signature and L	icense Number:	Work/Decommissi	on Completed Date 8/2/13
Construction Design	Well I	Data EB-4	Formation Description
0°	Backfill With be from 15	'-l'	
	Restore si Aspalt/gra 0-1'	vface vel	RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

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P3222-7970

RESOURCE PROTECTION V		CURRENT	Notice of Intent No. <u>EE04053</u>
SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box)	(LL INSTALLED)		<b>Type of Well</b> ("x in box) $498723$ Resource Protection
Construction Decommission			Geotech Soil Boring
RIGINAL INSTALLATION Notice of Intent	Number:	Property Owner	USEPhine Martens
		Site Address 70	0-1708 Main st
Consulting Firm TEMALON	· · · · · · · · · · · · · · · · · · ·		<u>IEV</u> County <u>Clark</u>
Inique Ecology Well IDTag No. <u><i>NA</i></u>			$-1/4 \underline{VE} 1/4 \operatorname{Sec} 27 \operatorname{Twn} 2N \operatorname{R} 1E$
VELL CONSTRUCTION CERTIFICATION ecept responsibility for construction of this well, and its		EWM 🔀 or WWN	A 🛄
ashington well construction standards. Materials used		Lat/Long (s, t, r	Lat Deg MinSec
bove are true to my best knowledge and belief.		still REQUIRED)	Long DegMinSec
(Driller - Engineer - Trainee ame (Print Last, First Name) Chalona 1	larc	Tax Parcel No	Diameter 214" Static Level N/A
riller/Engineer /Trainee Signature/	en Chale		
riller or Trainee License No. <u>3000</u>			on Start Date 8/2/13
trainee, licensed driller's Signature and I	License Number:	Work/Decommissi	on Completed Date $\frac{9/2/13}{2}$
Construction Design	Well I	Data EB-15	Formation Description
	Baring Du	ched to	0 3" neobalt
			CEO ASPIRI
0,	Boring pu 15 ' depth Boring di		0-3" Asphalt 3"-5' sand with si
	Boring di	DWEter	
	21/4"		5' 15' sand w/silt
			S-15 sand wy silt
	soil only,	No water	
21/4" diameter	JULI DILIYI	,	
aneter	sample		
0101			
15'			
15			
			BROCK/CN
			RECEIVED
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			ANA Stare Department
			WA State Department of Ecology (SWRO)

<b>RESOURCE PROTECTION</b>			ent of Ecology <b>F Notice of Intent No.</b> <u>AE23048</u>
(SUBMIT ONE WELL REPORT PER W         Construction/Decommission ("x" in box)         □ Construction         ⊠ Decommission         ORIGINAL INSTALLATION Notice of Inten         EEO4052         Consulting Firm 1€VV acon         Unique Ecology Well IDTag No	TELL INSTALLED)         t Number:         N: I constructed and/or s compliance with all d and the information reported         May c.         mathematical	Property Owner Site Address (70) Site Address (70) City (2000) Location (1/4) EWM (2) or WWI Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased Work/Decommissi	Type of Well ("x in box) $498709$ A Resource Protection Geotech Soil Boring DOSEPHINE MOVTENS DO-1708 MOVENS DO-1708 MOVTENS DO-1708 MO
Construction Design	Well E Backfill with be from 15	Data EB-2 boring n-tonite '1'	Formation Description
	RESTORE SU Aspalt/gra 0-1' SCALE: 1"= <u>5'</u> PAG		RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

RESOURCE PROTECTION	rint, sign and returr WELL REPORT	-	ent of Ecology Notice of Intent No. <u>AE23048</u>
(SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box) □ Construction	/ELL INSTALLED)         t Number:         N: I constructed and/or ts compliance with all d and the information reported         May C.         and the information reported	Property Owner Site Address (70) City Varcov Location <u>MW</u> 1/4 EWM (a) or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased I Work/Decommission	Type of Well ("x in box) S Resource Protection Geotech Soil Boring DOSEPHINE Martens DOSEPHINE MARTENS
Construction Design		Data EB-6	Formation Description
QX4 m	Backfill with be from 5		
	Restore si Aspalt/gra 0-1'	uvface nvel	RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)

P3222-7970

Well Report.		int, sign and return			
=	<b>RESOURCE PROTECTION</b>		CURRENT	Notice of Intent No. <u>AE23048</u>	
Š	(SUBMIT ONE WELL REPORT PER WI	ELL INSTALLED)		Type of Well ("x in box) 498768	
>	<b>Construction/Decommission</b> (" $x$ " in box) Construction			$\mathbf{X} \text{ Resource Protection}$	
this	Decommission		Geotech Soil Boring		
- -	ORIGINAL INSTALLATION Notice of Intent	Number:	Property Owner Josephine martens		
ō	EE04652		Site Address (700-1708 main st		
ы С	Consulting Firm TEVY 2CON			EV County Clark	
ați	Unique Ecology Well IDTag No.			$1/4 \underline{NE} 1/4 \operatorname{Sec} \overline{27} \operatorname{Twn} \overline{\mathbf{2N}} \operatorname{R} \mathbf{IE}$	
the Information on	WELL CONSTRUCTION CERTIFICATION		EWM X or WWM		
ē	accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.			Lat Deg Min Sec	
<u>1</u>					
ē			· · · · ·	Long DegMinSec	
÷	B Driller □ Engineer □ Trainee Name (Print Last, First Name) Chalona, M Driller/Engineer /Trainee SignatureM Driller or Trainee License No. 3000	harc	Tax Parcel No	5 Kall . 11	
ō	Driller/Engineer /Trainee Signature	an Chal	Cased or Uncased Diameter $\frac{2/4''}{2/3}$ Static Level $\frac{\sqrt{4}}{\sqrt{4}}$ Work/Decommission Start Date $\frac{8/2}{13}$		
ğ	Driller or Trainee License No. 3000				
al	If trainee, licensed driller's Signature and	License Number:	Work/Decommission	on Completed Date $\frac{8/a/13}{2}$	
Ita					
Data and/or			KR 15		
e	Construction Design	w ell 1	Data <u>EB-15</u>	Formation Description	
Department of Ecology does NOT Warranty the	0° 274 " 15'	Backfill With bi from 15	boring entonite '-1'		
The		Restore s Aspalt/grad	iurface avel	RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)	
	L	SCALE: 1"= <u>5'</u> P/	AGE OF		

RESOURCE PROTECTION WELL REPORT         CURRENT Notice of Intent No. C         Submit one well Report PER Well INSTALLED         Construction/Decommission ("x" in box)         Construction       Type of Well ("x in box)         Construction       Geotech Soil Boring         ORIGINAL INSTALLATION Notice of Intent Number:       Property OwnerOSEphinE_ May + E         Consulting Firm TETCACOV       Site Address [700 - 1708 Main S         Unique Ecology Well IDTag NoA      A         WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.       Lat Deg Min	498804 s st st K wn 2 N R [ E Sec Sec
ORIGINAL INSTALLATION Notice of Intent Number:Property Owner $\_$ Use phine $\_$ MartelConsulting Firm $\underline{\text{Terracon}}$ Site Address $\underline{1700 - 1708 Main S}$ Unique Ecology Well IDTag No. $\_$ $\_$ $\_$ $\_$ $\_$ $\_$ $\_$ $\_$ $\_$ $\_$	<u>St</u> <u>K</u> <u>wnQM_R[E</u> <u>Sec</u> <u>Sec</u>
Consulting Firm <u>LEMACOM</u> City <u>Uancouver</u> County <u>Clark</u> Unique Ecology Well IDTag No. <u>MA</u> City <u>Uancouver</u> County <u>Clark</u> WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.       City <u>Uancouver</u> County <u>Clark</u> Location <u>MW</u> 1/4-1/4 <u>WE</u> 1/4 Sec <u>27</u> Twn       EWM I or WWM I         Lat/Long (s, t, r       Lat Deg <u>Min</u> Still REQUIRED       Long Deg Min	K wn Q N R I E 
A Driller Engineer Traince       Tax Parcel No.         Name (Print Last, First Name)       Chalona       Mavc         Driller/Engineer / Trainee Signature       Mavc       Cased or Uncased Diameter         Driller or Trainee Signature       Mavc       Cased or Uncased Diameter	
Driller or Trainee License No. <u>3000</u> If trainee, licensed driller's Signature and License Number: Work/Decommission Completed Date $\frac{9/2}{1}$	12
work Decommission completed Date <u>07 &amp; 1</u>	
Construction Design Well Data EB - Formation Desc	scription
O'Boring pushed to YO' depth Boring diameterO-3" Asph 3"-5' sand 5'-125' sand 12.5-20' sand 12.5-20' sand 20'-25' sand 20'-25' sand 25'-35' sand 35'-40' sand	l with silt d w/gravel d ly silt
40' RECEIVE NOV 2.7 201 WA State Depart of Ecology (SW	13 rtment

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Diagon					
<b>RESOURCE PROTECTION</b>		-	ent of Ecology <b>F Notice of Intent No. <u>AE23048</u></b>		
(SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box) Construction Decommission	,		<b>Type of Well</b> ("x in box) 498805 Resource Protection Geotech Soil Boring		
ORIGINAL INSTALLATION Notice of Intent EE04652	t Number:	Property Owner Josephine martens Site Address (700-1708 main st			
Consulting Firm TEVY acon					
Unique Ecology Well IDTag No. 1A	Unique Ecology Well IDTag No. 1.4		City $V = 0.00 V = 0.00 County ClarkLocation NW 1/4 - 1/4 NE 1/4 Sec 27 Twn 2N R IE$		
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported		EVM $\square$ or WWM $\square$ Lat/Long (s, t, r Lat Deg Min Sec			
					above are true to my best knowledge and belief.
■ Driller □ Engineer □ Trainee Name (Print Last, First Name) <u>Chalona, /</u>	have	Tax Parcel No			
Driller/Engineer /Trainee Signature		Cased or Uncased	Diameter 214" Static Level 1/A		
Driller or Trainee License No. 3000		Work/Decommissi	on Start Date <u>8/2/13</u>		
If trainee, licensed driller's Signature and	License Number:	Work/Decommissi	on Completed Date 8/2/13		
Construction Design	Well I	Data EB-1	Formation Description		
		UP			
0°	Backfill with be from 40	boring entonite i-1			
40'	Restore si Aspalt/gra	uvface avel	RECEIVED NOV 2.7 2013 WA State Department of Ecology (SWRO)		
	SCALE: 1"= 10 PA	GE OF			

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WELL REPORT		ent of Ecology <b>F Notice of Intent No.</b> <u>FE04</u> 052
		Type of Well ("x in box) 498805 A Resource Protection Geotech Soil Boring OSEPHINE Martens
N: I constructed and/or s compliance with all and the information reported UBVC License Number:	Site Address 170 City <u>Uancour</u> Location <u>NW</u> 1/4 EWM X or WWN Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased Work/Decommissi	00-1708 Main St VEV County Clark 4-1/4 NE 1/4 Sec 27 Twn 2N R I E
Well [	Data F B - 2	Formation Description
Boring pus 15' depth Boring dia 21/4"	shed to anneter	0-3" Asphalt 3"-5' sand with silt 5'-15' sand w/gravel
		RECEIVED NOV 2 7 2013 WA State Department of Ecology (SWRO)
	WELL REPORT ELL INSTALLED) Number: N: I constructed and/or s compliance with all and the information reported License Number: Well I Boring pu 15' deptr Boring di 2/4"	ELL INSTALLED) Property Owner $=$ Site Address $170$ City U ancour Location $NW$ 1/4 EWM $\boxtimes$ or WW Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased Work/Decommissi Work/Decommissi Well Data $EB-2$ Boring pushed to 15' depth Boring diameter 214'' Soil only, NO water

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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nstruction/Decommission ("x" in box) Construction Decommission RIGINAL INSTALLATION Notice of Inter	VELL INSTALLED) nt Number: Property	URRENT Notice of Intent No. <u>SE54165</u> Type of Well ("x in box) Resource Protection Geotech Soil Boring y Owner Legacy 409 LLC	<u>,</u>	
		dress 409 Mill Plain Blvd	12.7.3	
• • • • • • • • • • • • • • • • • • •	City Van	ncouverCo	unty Clar	
ique Ecology Well IDTag No ELL CONSTRUCTION CERTIFICATIO pt responsibility for construction of this well, and shington well construction standards. Materials us	DN: 1 constructed and/or Location its compliance with all EWM	n <u>NE</u> 1/4-1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u>		
while above are true to my best knowledge and beli		ng (s, t, r Lat Deg 45 Min 37Sec 53.61		
Yashington well construction standards. Materials used and the information ported above are true to my best knowledge and helid!.         1 Driller Engineer		QUIRED) Long Deg -122_Min40Sec 4.41		
ne (Print Last, First Name) Stigall, Ford	Tax Parce			
Iler/Engineer /Trainee Signature	Cased or	or Uncased Diameter 8.25" Static Level N/.	A	
		Decommission Start Date 3/9/15		
rainee, licensed driller's Signature and	d License Number:	Decommission Completed Date <u>3/9/15</u>		
Construction Design	Well Data	Formation Description		
	Drilled (1) 25' Hollow Stem A boring for geotechnical purpo			
8.25"				

onstruction/Decommission ("x" in box Construction Decommission			Notice of Intent No. SE Type of Well ("x in box) Resource Protection Geotech Soil Boring	54165	
RIGINAL INSTALLATION Notice of Inte	ent Number:		Property Owner Legacy 409 LLC		
the set of a set of a		Site Address 409 M	lill Plain Blvd		
onsulting Firm		City Vancouver		County Cla	
nique Ecology Well IDTag No ELL CONSTRUCTION CERTIFICATI ept responsibility for construction of this well, an ashington well construction standards. Materials	ION: I constructed and/or d its compliance with all used and the information	EWM 🛛 or WWM	The second of the second second second		
ported above are true to my best knowledge and belief. Driller  Engineer  Trainee ame (Print Last, First Name) <u>Stigall, Ford</u> Driller/Engineer /Trainee Signature		Lat/Long (s, t, r	Lat Deg <u>45</u> Min <u>37</u> Sec <u>53</u>		
		still REQUIRED)	Long Deg <u>-122</u> Min <u>40</u> Sec <u>4.41</u>		
		Tax Parcel No.		5141235	
ller or Trainee License No. 2854	· /.	Cased or Uncased I	Diameter 8.25" Static Le	evel <u>N/A</u>	
rainee, licensed driller's Signature ar	nd License Number:	Work/Decommissio	on Start Date <u>3/9/15</u>		
trainee, neenseu urmer s orginature as	a Excense Humber	Work/Decommissio	on Completed Date 3/9/15		
Construction Design	Wall	l Data	Formation Desc	ription	
Construction Design	Drilled (1) 30' Holl	C. Start ( Sec. )	Red Silty Soil 0-15'	inpuon	
¥30'					

EWM 🖾 or WWM ion Lat/Long (s, t, r still REQUIRED) Tax Parcel No. Cased or Uncased I Work/Decommission	<u>Aill Plain Blvd</u> County <u>Clar</u> 4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u>
City Vancouver         and/or         Location NE1/4-1/4         Location NE1/4-1/4         EWM ⊠ or WWM         Lat/Long (s, t, r         still REQUIRED)         Tax Parcel No         Cased or Uncased I         Work/Decommission         Work/Decommission         Well Data         ed (1) 25' Hollow Stem         ing using (12) 50lb sacks	County Clar 4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> 4 Lat Deg <u>45</u> Min <u>37</u> Sec <u>53.61</u> Long Deg <u>-122</u> Min <u>40</u> Sec <u>4.41</u> Diameter <u>8.25"</u> Static Level <u>N/A</u> on Start Date <u>3/10/15</u> on Completed Date <u>3/10/15</u> Formation Description Red Silty Soil 0-15'
und/or       Location NE1/4-1/4         all       EWM ⊠ or WWM         ion       Lat/Long (s, t, r         still REQUIRED)       Tax Parcel No         Cased or Uncased I       Work/Decommission         ber:       Work/Decommission         Well Data       Well Data         ed (1) 25' Hollow Stem       ing using (12) 50lb sacks	4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> A Lat Deg <u>45</u> Min <u>37</u> Sec <u>53.61</u> Long Deg <u>-122</u> Min <u>40</u> Sec <u>4.41</u> Diameter <u>8.25"</u> Static Level <u>N/A</u> on Start Date <u>3/10/15</u> on Completed Date <u>3/10/15</u> Formation Description Red Silty Soil 0-15'
und/or       Location NE1/4-1/4         all       EWM ⊠ or WWM         ion       Lat/Long (s, t, r         still REQUIRED)       Tax Parcel No         Cased or Uncased I       Work/Decommission         ber:       Work/Decommission         Well Data       Work/Decommission         ed (1) 25' Hollow Stem       ing using (12) 50lb sacks	4 □         Lat Deg <u>45</u> Min <u>37</u> Sec <u>53.61</u> Long Deg <u>-122</u> Min <u>40</u> Sec <u>4.41</u> Diameter <u>8.25"</u> Static Level <u>N/A</u> on Start Date <u>3/10/15</u> on Completed Date <u>3/10/15</u> Formation Description         Formation Description         Red Silty Soil 0-15'
all of all ion       EWM I or WWM         ion       Lat/Long (s, t, r still REQUIRED)         Tax Parcel No.       Cased or Uncased I         Work/Decommission       Work/Decommission         Well Data       Work/Decommission         ed (1) 25' Hollow Stem       ing using (12) 50lb sacks	4 □         Lat Deg 45_Min 37Sec 53.61         Long Deg -122_Min40Sec 4.41         Diameter 8.25"         Static Level N/A         on Start Date 3/10/15         on Completed Date 3/10/15         Formation Description         Formation Description         Red Silty Soil 0-15'
Work/Decommissio Well Data ed (1) 25' Hollow Stem ing using (12) 50lb sacks	on Completed Date <u>3/10/15</u> Formation Description Red Silty Soil 0-15'
Work/Decommissio Well Data ed (1) 25' Hollow Stem ing using (12) 50lb sacks	Formation Description Red Silty Soil 0-15'
ed (1) 25' Hollow Stem ing using (12) 50lb sacks	Red Silty Soil 0-15'
ed (1) 25' Hollow Stem ing using (12) 50lb sacks	Red Silty Soil 0-15'
ed (1) 25' Hollow Stem ing using (12) 50lb sacks	Red Silty Soil 0-15'
ing using (12) 50lb sacks	
	Boring Decommissioned as described under well data. RECEIVED MAR 1 6 2015 WA State Department of Ecology (SWRO)
	MAR 1 6 2015

RESOURCE PROTECT SUBMIT ONE WELL REPORT P Construction/Decommission ("x" in	ER WELL INSTALLED)	CURRENT	Type of Well ("x in box) Resource Protection
Construction			Geotech Soil Boring
DRIGINAL INSTALLATION Notice of	Intent Number:	Property Owner Le	
E54165	144 (11 M - 11 - 11 - 11 - 11 - 11 - 11 - 1	Site Address 409 N	Aill Plain Blvd
Consulting Firm		City Vancouver	County Cla
nique Ecology Well IDTag No.		· · · · · · · · · · · · · · · · · · ·	
VELL CONSTRUCTION CERTIFIC scept responsibility for construction of this we vashington well construction standards. Mate	ll, and its compliance with all	Location <u>NE</u> 1/4-1/ EWM 🛛 or WWM	4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> 4 🗌
ported above are true to my best knowledge a		Lat/Long (s, t, r	Lat Deg <u>45</u> Min <u>37</u> Sec <u>53.61</u>
		still REQUIRED)	Long Deg -122 Min40Sec 4.41
ame (Print Last, First Name) Stigall, Ford	Call Atrult	Tax Parcel No.	
riller/Engineer /Trainee Signature riller or Trainee License No. <u>2854</u>	and graph	Cased or Uncased	Diameter 8.25" Static Level N/A
		Work/Decommissi	on Start Date 3/10/15
trainee, licensed driller's Signatu	e and License Number:	In the second second	on Completed Date 3/10/15
			en eouploite e no <u>el core</u>
Construction Design		Data	Formation Description
	Abandoned (1) 30		Red Silty Soil 0-15'
	Auger boring using of bentonite chips		Gray Coarse Sand & Silt 15-30
	of bentorine chips	30-0.	Boring Decommissioned as
	Contraction and the		described under well data.
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ter an			
8.25 "			
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			RECEIVED
			MAR 1 6 2015
			Department
			of Ecology (SWRO)
			Of ECOLOGY (OTTO

<b>RESOURCE PROTECTION W</b> (SUBMIT ONE WELL REPORT PER WEL Construction/Decommission ("x" in box) Construction Decommission 453582		CURRENT	Notice of Intent No. S         Type of Well ("x in box)         □ Resource Protection         ⊠ Geotech Soil Boring	<u>E45488</u>
ORIGINAL INSTALLATION Notice of Intent Nu	umber:		ncouver Housing Authority	
Consulting Firm		Site Address <u>410 W</u>	/ 13 <sup>th</sup> Street	County Clar
Unique Ecology Well IDTag No				County <u>Clai</u>
WELL CONSTRUCTION CERTIFICATION: accept responsibility for construction of this well, and its co Washington well construction standards. Materials used an	ompliance with all	Location <u>NW</u> 1/4-1/ EWM 🛛 or WWM	4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>2</u> R <u>1</u> [	
ported above are true to my best knowledge and belief. Driller  Engineer  Trainee Trainee Trainee Drinc  Dr		Lat/Long (s, t, r still REQUIRED) Tax Parcel No.5204	Lat Deg Min Long DegMin	
Driller/Engineer /Trainee Signature <b>Richa</b> Driller or Trainee License No. <u>3042</u>	re Richard Magno		Diameter 4.5" Static-Level None	
•			on Start Date <u>6/11/12</u>	
If trainee, licensed driller's Signature and License Number:		Work/Decommission Completed Date 6/11/12		
Construction Design	Well I Drilled (1) 25' mud		Formation Des Cobbles with Silt Sand	

	JUN	18	2012	
WA S	State	De	partn	nent
of E	colo	gy	(SWF	RO)

SCALE: 1"= 10 PAGE \_\_\_\_ OF \$ 4

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RESOURCE PROTECTION WELL REPOR SUBMIT ONE WELL REPORT PER WELL INSTALLED)	CURRENT Notice of Intent No. <u>SE45488</u>
Construction/Decommission ("x" in box)	<b>Type of Well</b> ( <i>"x in box)</i> Resource Protection
Construction Decommission 453583	$\boxtimes$ Geotech Soil Boring
DRIGINAL INSTALLATION Notice of Intent Number:	Property Owner Vancouver Housing Authority
Consulting Firm Jnique Ecology Well IDTag No	· · · · · · · · · · · · · · · · · · ·
WELL CONSTRUCTION CERTIFICATION: I constructed and/or ccept responsibility for construction of this well, and its compliance with all Vashington well construction standards. Materials used and the information eported above are true to my best knowledge and belief.         Image:	Location <u>NW</u> 1/4-1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>2</u> R <u>1</u> EWM or WWM Lat/Long (s, t, r Lat Deg Min Sec still REQUIRED) Long Deg Min Sec Tax Parcel No. <u>52040</u> Cased or Uncased Diameter <u>4.5"</u> Static Level <u>None</u>
f trainee, licensed driller's Signature and License Number:	Work/Decommission Start Date <u>6/11/12</u> Work/Decommission Completed Date <u>6/11/12</u>
Construction Design Wel	- Formation Description
125 ' 4.5"	
	RECEIVED
	JUN 18 2012
	WA State Department

SCALE: 1"= 10 PAGE 3 OF 4

<b>RESOURCE PROTECTION </b> \	VELL REPORT	n to the Departmer	nt of Ecology <b>Notice of Intent No. <u>A</u></b>	E17743
SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box)	LL INSTALLED)		<b>Type of Well</b> ( <i>"x in box</i> ) Resource Protection	
Construction Decommission 453584			Geotech Soil Boring	
ORIGINAL INSTALLATION Notice of Intent A			ncouver Housing Authority	0.40
SE45488 Consulting Firm				County Cla
Unique Ecology Well IDTag No				County <u>CI</u>
WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards. Materials used reported above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print Last, First Name) WIGGINS, RICHARD	compliance with all	EWM 🔀 or WWM Lat/Long (s, t, r still REQUIRED)	Lat Deg Min Long Deg Min	
Driller/Engineer /Trainee Signature	1 Wiggins	Tax Parcel No. <u>5204</u>		
Driller or Trainee License No. <u>3042</u>	//		Diameter <u>4.5"</u> Static I	evel <u>None</u>
f trainee, licensed driller's Signature and I	License Number:		n Start Date <u>6/11/12</u>	
		Work/Decommissio	n Completed Date 6/11/12	
4.5"	Decommissioned boring using (1) 50 bentonite grout 25 sack of bentonite	5-5' b.g.s., and (1)	Cobbles with silt sand	matrix 0-25
			RECE	EIVED
			JUN 1	8 2012
				Department

SCALE: 1": 2.44 = <u>10'</u> PA

453585 Please prir RESOURCE PROTECTION V	VELL REPORT		nt of Ecology Notice of Intent No. <u>AE</u>	<u>=17743</u>
(SUBMIT ONE WELL REPORT PER WEI         Construction/Decommission ("x" in box)         Construction         Decommission         ORIGINAL INSTALLATION Notice of Intent N         SE45488	<i>Jumber</i> : Prop	erty Owner <u>Va</u> Address <u>410 W</u>	Type of Well ("x in box) ☐ Resource Protection ⊠ Geotech Soil Boring ncouver Housing Authority 13 <sup>th</sup> Street	
Consulting Firm Unique Ecology Well IDTag No WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its of Washington well construction standards. Materials used a reported above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print Last, First Name) <u>WIGGINS, RICHARD</u> Driller/Engineer /Trainee Signature Driller or Trainee License No. <u>3042</u> If trainee, licensed driller's Signature and L	: I constructed and/or compliance with all and the information Lat/I still I Tax I Case Worl	tion <u>NW</u> 1/4-1/4 M ⊠ or WWM Long (s, t, r REQUIRED) Parcel No. <u>5204</u> d or Uncased D k/Decommissio	Lat Deg Min Long DegMin	_Sec _Sec
Construction Design	Well Data Decommissioned (1) 25' r boring using (1) 50lb. sac bentonite grout 25-5' b.g.s sack of bentonite chips 5-	ks of s., and (1)	Formation Desc Cobbles with silt sand r	

125'

4,5"

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JUN 18 2012

WA State Department Øt Ecology (SWRO)

onstruction/Decommission (" $x$ " in box)	I WELL REPORT WELL INSTALLED)	CURRENT	Notice of Intent No. <u>AE32306</u> Type of Well ("x in box)
Construction			Resource Protection
Decommission	ne Mumbar	Proporty Oumer Ph	Geotech Soil Boring
RIGINAL INSTALLATION Notice of Intel E55005	ni Number.		ino One Geotechnical
onsulting Firm		Site Address 1300	
nique Ecology Well IDTag No.		City Vancouver	County Clar
ELL CONSTRUCTION CERTIFICATION	ON: I constructed and/or I its compliance with all sed and the information	EWM 🛛 or WWM	
ported above are true to my best knowledge and bel	ief.	Lat/Long (s, t, r	Lat Deg <u>45</u> Min <u>37</u> Sec <u>52.95</u>
Driller 🗋 Engineer 🗋 Trainee	1 .	still REQUIRED)	Long Deg <u>-122</u> Min <u>40</u> Sec <u>27.40</u>
ame (Print Last, First Name) <u>Stigall, Ford</u> riller/Engineer /Trainee Signature	Atrealt	Tax Parcel No.	
riller or Trainee License No. 2854	- Orghite	Cased or Uncased I	Diameter <u>8 1/4</u> Static Level <u>None</u>
tunings linguaged duillants film states and	d Lissnes Number	Work/Decommissio	on Start Date 6/6/15
trainee, licensed driller's Signature an	u License Number:	Work/Decommissio	on Completed Date 6/6/15
Construction Design	Well Da		Formation Description
Construction Design	Decommissioned (1)		Brown Dense sand, Gravels, and
81/4"			

SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box) ☐ Construction ☑ Decommission	WELL REPORT TELL INSTALLED)	CURRENT	Type of Well ("x in box)         Resource Protection         Geotech Soil Boring
ORIGINAL INSTALLATION Notice of Inten	t Number:	Property Owner RI	ino One Geotechnical
E55005		Site Address 1300	Daniels St
Consulting Firm		City Vancouver	County Clar
Jnique Ecology Well IDTag No.			
VELL CONSTRUCTION CERTIFICATIC ccept responsibility for construction of this well, and vashington well construction standards. Materials use	its compliance with all ed and the information	Location <u>NE</u> 1/4-1/ EWM 🛛 or WWM	4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> 1 🗌
ported above are true to my best knowledge and belie	af.	Lat/Long (s, t, r	Lat Deg <u>45</u> Min <u>37</u> Sec <u>52.95</u>
Driller 🔲 Engineer 🔲 Trainee	10 A A A A A A A A A A A A A A A A A A A	still REQUIRED)	Long Deg <u>-122 Min40</u> Sec <u>27.40</u>
ame (Print Last, First Name) <u>Stigall, Ford</u> priller/Engineer /Trainee Signature <b>Ford</b>	thall	Tax Parcel No	
riller or Trainee License No. 2854	angener	Cased or Uncased	Diameter <u>8 1/4"</u> Static Level <u>None</u>
Panel	The second second	Work/Decommissi	on Start Date 6/6/15
f trainee, licensed driller's Signature and	License Number:	Work/Decommission	on Completed Date 6/6/15
2			
Construction Design	Well D Decommissioned (1		Formation Description Brown Dense sand, Gravels, and
1,20' 81/4"			under well data.
			RECEIVED JUL 0 1 2015
			RECEIVED JUL 0 1 2015 WA State Department

Number:	Property Owner <u>Rh</u> Site Address <u>1300</u>	Type of Well ("x in box) Resource Protection Geotech Soil Boring ino One Geotechnical Decide Of
Vumber:		Geotech Soil Boring
Number:		
	Site Address 1300 1	D 1 0
		Daniels St
	City Vancouver	County Clar
compliance with all	Location <u>NE</u> 1/4-1/4 EWM 🖾 or WWM	4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> 1 🔲
	Lat/Long (s, t, r	Lat Deg <u>45</u> Min <u>37</u> Sec <u>52.95</u>
2. 12. 1	still REQUIRED)	Long Deg -122 Min40Sec 27.40
Arth	Tax Parcel No	
Jugar	Cased or Uncased I	Diameter 3 7/8" Static Level None
icense Number:		
	work/Decommissic	a completed Date <u>0/0/15</u>
Well Da	ata	Formation Description Brown Dense sand, Gravels, and
		Boring decommissioned as describe under well data. RECEIVED
	Decommissioned (1) boring using (7) 50lb	Compliance with all and the information       EWM I or WWM         Lat/Long (s, t, r still REQUIRED)         Tax Parcel No.         Cased or Uncased I         Work/Decommission

☑ Geotech Soil Boring         no One Geotechnical         aniels St        County Clark         NW1/4 Sec 27 Twn 2N R 1E         □         Lat Deg 45_ Min 37Sec 52.95         Long Deg -122_Min40Sec 27.40         iameter 8 1/4"         Static Level None         istart Date 6/6/15         Formation Description         Fill 0-12'         Brown Dense sand, Gravels, and
County Clar NW1/4 Sec 27 Twn 2N R 1E Lat Deg 45 Min 37Sec 52.95 Long Deg -122 Min40Sec 27.40 iameter 8 1/4" Static Level None Start Date 6/6/15 Completed Date 6/6/15 Formation Description Fill 0-12'
NW1/4 Sec 27 Twn 2N R 1E         Lat Deg 45 Min 37Sec 52.95         Long Deg -122 Min40Sec 27.40         iameter 8 1/4" Static Level None         i Start Date 6/6/15         Completed Date 6/6/15         Formation Description         Fill 0-12'
Lat Deg <u>45</u> Min <u>37</u> Sec <u>52.95</u> Long Deg <u>-122</u> Min <u>40</u> Sec <u>27.40</u> iameter <u>8 1/4"</u> Static Level <u>None</u> is Start Date <u>6/6/15</u> Completed Date <u>6/6/15</u> Formation Description Fill 0-12'
Lat Deg <u>45</u> Min <u>37</u> Sec <u>52.95</u> Long Deg <u>-122</u> Min <u>40</u> Sec <u>27.40</u> iameter <u>8 1/4"</u> Static Level <u>None</u> istart Date <u>6/6/15</u> Completed Date <u>6/6/15</u> Formation Description         Fill 0-12'
a Start Date <u>6/6/15</u> a Completed Date <u>6/6/15</u> Formation Description Fill 0-12'
a Start Date <u>6/6/15</u> a Completed Date <u>6/6/15</u> Formation Description Fill 0-12'
Formation Description
Formation Description Fill 0-12'
Formation Description Fill 0-12'
cobbles. 12-25'

3

SUBMIT ONE WELL REPORT PER Construction/Decommission ("x" in bo	N WELL REPORT WELL INSTALLED)	Tyr □	e of Well ("x in box) Resource Protection
Decommission DRIGINAL INSTALLATION Notice of In	tent Number D		Geotech Soil Boring
NO ONAL INSTALLATION NOICE OF IN		operty Owner <u>Rhino Or</u> te Address <u>1300 Daniel</u> :	
onsulting Firm		ty Vancouver	A
nique Ecology Well IDTag No.			County <u>Ch</u>
VELL CONSTRUCTION CERTIFICA cept responsibility for construction of this well, a 'ashington well construction standards. Materials ported above are true to my best knowledge and b	and its compliance with all Events and the information belief. La	WM 🛛 or WWM 🗋 it/Long (s, t, r Lat	/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> Deg <u>45</u> Min <u>37</u> Sec <u>52.95</u>
Driller 🗌 Engineer 🗌 Trainee			g Deg <u>-122_Min40</u> Sec <u>27.40</u>
ame (Print Last, First Name) Stigall, Ford riller/Engineer /Trainee Signature	1A AMALIN	x Parcel No	State - State - Arvie
riller or Trainee License No. 2854			er <u>8 1/4"</u> Static Level <u>None</u>
trainee, licensed driller's Signature a	and License Number:	ork/Decommission Start	Date 6/6/15
names, nemota annen e organisar e	W	ork/Decommission Com	pleted Date 6/6/15
Construction Design	Well Data		Formation Description
8/4"			
0'7			

RESOURCE PROTECTION WELL RI SUBMIT ONE WELL REPORT PER WELL INSTAL	
onstruction/Decommission ("x" in box) Construction	Type of Well ("x in box) Resource Protection
Decommission	Geotech Soil Boring
RIGINAL INSTALLATION Notice of Intent Number:	Property Owner <u>Rhino One Geotechnical</u>
onsulting Firm	Site Address <u>1300 Daniels St</u>
nique Ecology Well IDTag No	City <u>Vancouver</u> County <u>Cla</u>
ELL CONSTRUCTION CERTIFICATION: I constructed cept responsibility for construction of this well, and its compliance will ashington well construction standards. Materials used and the information well construction standards.	all EWM 🖾 or WWM 🗍
ported above are true to my best knowledge and belief.	Lat/Long (s, t, r Lat Deg <u>45</u> Min <u>37</u> Sec <u>52.95</u>
Driller 🗌 Engineer 🔲 Trainee	still REQUIRED) Long Deg -122 Min40Sec 27.40
ame (Print Last, First Name) Stigall, Ford riller/Engineer /Trainee Signature Find Atical	L Tax Parcel No
riller or Trainee License No. 2854	Cased or Uncased Diameter <u>8 1/4"</u> Static Level <u>None</u>
trainee, licensed driller's Signature and License Num	Work/Decommission Start Date 6/6/15
tranice, itensed urmer's signature and License Num	Work/Decommission Completed Date 6/6/15
Construction Design	Well Data Formation Description
1.20'	
81/4"	

Well Data	Formation Description
Drilled (1) 20' hollow stem auger boring for geotechnical purposes.	Brown Dense sand, Gravels, and cobbles. 0-20'
	RECEIVED
	JUL 0 1 2015
	WA State Department of Ecology (SWRO)
	Well Data Drilled (1) 20' hollow stem auger boring for geotechnical purposes.

UBMIT ONE WELL REPORT PER onstruction/Decommission ("x" in box Construction Decommission	r)		Type of Well ( ☐ Resource I ⊠ Geotech S	Protection oil Boring
RIGINAL INSTALLATION Notice of Int	tent Number:	Property Owner Rh	ino One Geotechr	nical
		Site Address 1300	Daniels St	
		City Vancouver		County Cla
nique Ecology Well IDTag No.		·	*	
ELL CONSTRUCTION CERTIFICAT cept responsibility for construction of this well, as ashington well construction standards. Materials	nd its compliance with all	Location <u>NE</u> 1/4-1/4 EWM 🛛 or WWM		'wn <u>2N</u> R <u>1E</u>
ported above are true to my best knowledge and b		Lat/Long (s, t, r	Lat Deg 45 M	1in <u>37</u> Sec <u>52.95</u>
Driller 🔲 Engineer 🔲 Trainee		still REQUIRED)		Min40Sec 27.40
me (Print Last, First Name) Stigall, Ford	1+ 00	Tax Parcel No.		
iller/Engineer /Trainee Signature	nd Angell_	NAME OF A DESCRIPTION OF A	Diameter 3 7/8"	Static Level None
mer of a famee License No. 2834		Work/Decommissio	1	
trainee, licensed driller's Signature a	nd License Number:			A LONG
	× · · · · · · · · · · · · · · · · · · ·	Work/Decommissio	on Completed Date	0/0/15
		ţ	4	
Construction Design	Well	Data	Form	ation Description
127'				
576°	2			

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WATER WELL REPORT	CURRENT		
Original & 1 <sup>st</sup> copy – Ecology, 2 <sup>nd</sup> copy – owner, 3 <sup>rd</sup> copy – driller	Notice of Intent No. WE21118		
DEPARTMENT OF			
ECOLOGY Construction/Decommission (" $x$ " in circle) Construction	Unique Ecology Well ID Tag No. BIO 632		
Decommission ORIGINAL INSTALLATION	Water Right Permit No.	_	
Notice of Intent Number	Property Owner Name Dave Thomas		
PROPOSED USE: Domestic Industrial Municipal	Well Street Address III Glacier Dr	_	
DeWater Irrigation Test Well Other	City Mineral County Lewis		
TYPE OF WORK:       Owner's number of well (if more than one)         Image: Second time       Method :       Dug       Bored       Driven         Image: Deepend       Cable       Rotary       Jetted         DIMENSIONS:       Diameter of well       inches, drilled       ft.         Depth of completed well       ft.	Location <u>NE1/4-1/4 SW1/4</u> Sec 28 Twn <u>ISN</u> R 0 (s, t, r Still REQUIRED)	5 1	SWM ⊠ Or WWM □
CONSTRUCTION DETAILS Casing	Lat/Long Lat Deg Lat Min/Se Long Deg Long Min/Se Tax Parcel No. (Required) 038871002039	Sec	
Type of perforator used	CONSTRUCTION OR DECOMMISSION Formation: Describe by color, character, size of material and nature of the material in each stratum penetrated, with at leas of information. (USE ADDITIONAL SHEETS IF NECESS	structure, and t one entry for	the kind and
Manufacturer's Name	MATERIAL	FROM	TO
Diam Slot size from ft. to ft.	Top soil	0	2
Diam. Slot size from ft. to ft.	Sandy clay, silt, brown/soft	2	9
Gravel/Filter packed: 🛛 Yes 🛛 No Size of gravel/sand	Sand, gravel, silt, cobbles, brown/hard	9	15
Aaterials placed fromfl. toft.	Sand, gravel, silt cobbles,	2	12
urface Seal: Xes 🔲 No To what depth? 18ft.	brown/hard, wb	15	24
Aaterial used in seal _Grout	Sand, fine, grey/soft	24	35
Did any strata contain unusable water? 🛛 Yes 🛛 No	Sand, some gravel, wb		1
Sype of water? Depth of strata	grey/soft	35	45
Method of sealing strata off	Sand, gravel, brown/soft, wb	45	58
PUMP: Manufacturer's Name N/A  Fype: H.P.	Sand, some gravel, grey/soft		
WATER LEVELS: Land-surface elevation above mean sea level ft.	wb	58	62
Static level §ft. below top of well Date 06/24/2015			-
Artesian pressure lbs. per square inch Date			-
Artesian water is controlled by (cap, valve, etc.)	1-		
WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made?  Yes  No If yes, by whom? Yield:gal./min. withft. drawdown afterhrs. Yield:gal./min. withft. drawdown afterhrs.			
Yield:gal/min, withft. drawdown afterhrs. Recovery data (time taken as zero when pimp turned off) (water level measured from well top to water level)		ECE	IVED
Time Water Level Time Water Level Time Water Level		JUL 02	2015
	10/10 9	tate De	harter
Date of test 06/24/2015			partme
Sailer test gal./min. withft. drawdown afterhrs.	OFE	relogy	SWRO
irtest 60 gal/min. with stem set at 55ft. for 1hrs.			
Artesian flow g.p.m. Date			
Femperature of water Was a chemical analysis made? 🔲 Yes 🛛 No			
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washingto construction standards. Materials used and the information reported above are	Start Date 06/24/2015 Completed Date on well e true to my best knowledge and belief	ate <u>06/24/20</u>	015
Driller Engineer Trainee Name (Print ) Chris Jones	Drilling Company Moerke & Sons Pump and Drilling	1 ·····	
Driller/Engineer/Trainee Signature	Address 1162 NW State Ave	00633	
Driller or trainee License No. 2253	City, State, Zip Chehalis , WA	, 98532	

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

Driller's Signature:

ECY 050-1-20 (Rev 02-2010) To request ADA accommodation including materials in a format for the visually impaired, call Ecology Water Resources Program at 360-407-6872. Persons with impaired hearing may call Washington Relay Service at 711. Persons with speech disability may call TTY at 877-833-6341.

Registration No.

MOERKSP072N5

Date 06/25/2015

RESOURCE PROTECTION WELL REPORT         SUBMIT ONE WELL REPORT PER WELL INSTALLED)         Construction/Decommission ("x" in box)         Construction         Decommission         ORIGINAL INSTALLATION Notice of Intent Number:         E55005         Consulting Firm         Inique Ecology Well IDTag No.		Type of Well ("x in box)         Resource Protection         Geotech Soil Boring         Property Owner Rhino One Geotechnical         Site Address 1300 Daniels St						
					City Vancouver	County Clarl		
					ELL CONSTRUCTION CERTIFICATIO cept responsibility for construction of this well, and	N: I constructed and/or ts compliance with all	Location <u>NE</u> 1/4-1/4 EWM 🛛 or WWM	4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> 1 🗍
					ashington well construction standards. Materials used and the information ported above are true to my best knowledge and belief.		Lat/Long (s, t, r	Lat Deg 45_Min 37Sec 52.95
					Driller 🔲 Engineer 🔲 Trainee	0.4	still REQUIRED)	Long Deg <u>-122</u> Min <u>40</u> Sec <u>27.40</u>
		riller or Trainee License No. 2854		Tax Parcel No.	2016 Dog 122 1111 10000 21110			
Cased or Uncased Diameter <u>8 1/4"</u> Static Level None								
Work/Decommission Start Date <u>6/6/15</u>								
trainee, licensed driller's Signature and License Number:								
		Work/Decommissio	on Completed Date 6/6/15					
			s.					
Construction Design	Wel	I Data	Formation Description					
1/25 ' 81/4"	sacks of bentonite Asphalt 1-0'.		cobbles. 12-25' Boring decommissioned as described under well data.					
			RECEIVED JUL 0 1 2015 WA State Department					
			of Ecology (SWRO)					

C II III

<b>RESOURCE PROTECTION WELL REPOR</b> SUBMIT ONE WELL REPORT PER WELL INSTALLED)         Construction/Decommission ("x" in box)         Construction         Decommission         Priginal Installation Notice of Intent Number:         1555005         Consulting Firm         Jnique Ecology Well IDTag No.         VELL CONSTRUCTION CERTIFICATION: I constructed and/or cept responsibility for construction of this well, and its compliance with all /ashington well construction standards. Materials used and the information ported above are true to my best knowledge and belief.         1 Driller       Engineer         Trainee       ame (Print Last, First Name) Stigall, Ford         Viller/Engineer / Trainee       First Name) Stigall, Ford         Viller or Trainee License No. 2854       Maguet		T CURRENT Notice of Intent No. <u>AE32306</u> Type of Well ("x in box) Resource Protection Geotech Soil Boring Property Owner <u>Rhino One Geotechnical</u> Site Address <u>1300 Daniels St</u>				
					City Vancouver County Clau	
						A CONTRACTOR OF
		Location <u>NE</u> 1/4-1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> EWM 🖾 or WWM 🗌 Lat/Long (s, t, r Lat Deg <u>45</u> Min <u>37</u> Sec <u>52.95</u>				
				still REQUIRED) Tax Parcel No.	Long Deg <u>-122 Min40</u> Sec <u>27.40</u>	
		Driller 🔲 Engineer 🔲 Trainee ame (Print Last, First Name) <u>Stigall, Ford</u>	1- 11			
viller/Engineer /Trainee Signature find Augall						
riller or Trainee License No. 2854	1	Cased or Uncased	Diameter <u>8 1/4"</u> Static Level <u>None</u>			
trainee, licensed driller's Signature and License Number:		Work/Decommission Start Date 6/6/15				
trainee, licensed driller's Signature and License Number:		Work/Decommission Completed Date 6/6/15				
		-0.000				
Construction Design	Decommissioned	Data	Formation Description Fill 0-12'			
\$ 1/41'	sacks of bentonite Asphalt 1-0'.	chips 20-1',	Brown Dense sand, Gravels, and cobbles. 12-25' Boring decommissioned as described under well data.			

Please	print sign and return	to the Departmen	it of Ecology		
				E10417	
E WELL REPORT PER '	WELL INSTALLED)				
	)				
n 39/020					
	ent Number:	Property Owner Dor			
•		· · · —			
n ATC Associates					
y Well IDTag No. RD	-6				
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gineer 🗋 Trainee First Name) <u> </u>	r Rich			000	
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onstruction Design	Well	Data	Formation De	scription	
	Drilling Method:	D, P,	0-12 Fine		
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	CE PROTECTION E WELL REPORT PER Decommission ("x" in box) and an analysis of the second se	CE PROTECTION WELL REPORT         E WELL REPORT PER WELL INSTALLED)         Decommission ("x" in box)         n       39100         STALLATION Notice of Intent Number:         SECT 2822         n ATC Associates         y Well IDTag No. RD-C         FRUCTION CERTIFICATION: 1 constructed and/or try for construction of this well, and its compliance with all construction standards. Materials used and the information true to my best knowledge and belief.         gineer I Traince         First Name)         DecKec         List of the provided of the information true to my best knowledge and belief.         ginature         ALL DecKec         Inter Colspan="2">Colspan="2"         Colspan="2" <td colspan<="" th=""><th>CE PROTECTION WELL REPORT       CURRENT         E WELL REPORT PER WELL INSTALLED)       CURRENT         Decommission ("x" in box)       Property Owner Dox         Sin 3 7 1020       Site Address 1714 E         STALLATION Notice of Intent Number:       Site Address 1714 E         StatLATION Notice of Intent Number:       Site Address 1714 E         StatLATION Notice of Intent Number:       City Vancouver         In ATC Associates       City Vancouver         Well IDTag No. <u>CD</u> - C       Location Statuded and belief.         Strate on ybest knowledge and belief.       City Vancouver         ref Trainee Signature and License Number:       Nork/Decommissid         Insed driller's Signature and License Number:       Work/Decommissid         Instruction Design       Well Data         Surface Seal:       Concepte.         Drilling Method:       P. P.         Backfill:       # S</th><th>E WELL REPORT PER WELL INSTALLED) Decommission ("x" in box) <math>a_{in}^{n} \rightarrow 1/200</math> STALLATION Notice of Intent Number: SEC 7 288 2</th></td>	<th>CE PROTECTION WELL REPORT       CURRENT         E WELL REPORT PER WELL INSTALLED)       CURRENT         Decommission ("x" in box)       Property Owner Dox         Sin 3 7 1020       Site Address 1714 E         STALLATION Notice of Intent Number:       Site Address 1714 E         StatLATION Notice of Intent Number:       Site Address 1714 E         StatLATION Notice of Intent Number:       City Vancouver         In ATC Associates       City Vancouver         Well IDTag No. <u>CD</u> - C       Location Statuded and belief.         Strate on ybest knowledge and belief.       City Vancouver         ref Trainee Signature and License Number:       Nork/Decommissid         Insed driller's Signature and License Number:       Work/Decommissid         Instruction Design       Well Data         Surface Seal:       Concepte.         Drilling Method:       P. P.         Backfill:       # S</th> <th>E WELL REPORT PER WELL INSTALLED) Decommission ("x" in box) <math>a_{in}^{n} \rightarrow 1/200</math> STALLATION Notice of Intent Number: SEC 7 288 2</th>	CE PROTECTION WELL REPORT       CURRENT         E WELL REPORT PER WELL INSTALLED)       CURRENT         Decommission ("x" in box)       Property Owner Dox         Sin 3 7 1020       Site Address 1714 E         STALLATION Notice of Intent Number:       Site Address 1714 E         StatLATION Notice of Intent Number:       Site Address 1714 E         StatLATION Notice of Intent Number:       City Vancouver         In ATC Associates       City Vancouver         Well IDTag No. <u>CD</u> - C       Location Statuded and belief.         Strate on ybest knowledge and belief.       City Vancouver         ref Trainee Signature and License Number:       Nork/Decommissid         Insed driller's Signature and License Number:       Work/Decommissid         Instruction Design       Well Data         Surface Seal:       Concepte.         Drilling Method:       P. P.         Backfill:       # S	E WELL REPORT PER WELL INSTALLED) Decommission ("x" in box) $a_{in}^{n} \rightarrow 1/200$ STALLATION Notice of Intent Number: SEC 7 288 2

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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

	Please prin	t, sign and return t	o the Departmen	t of Ecology	
	RESOURCE PROTECTION W (SUBMIT ONE WELL REPORT PER WEI		CURRENT	Notice of Intent No. Type of Well ("x in box	
	Construction/Decommission ("x" in box) Construction 391005 Decommission			Resource Protection	n
	CRIGINAL INSTALLATION Notice of Intent N	umber:	Property Owner Don	Geotech Soil Borin	•
	<u>SE07882</u>		Site Address <u>1714 B</u>		
	Consulting Firm <u>ATC Associates</u> Unique Ecology Well IDTag No. <u>RD–6</u>	5	City Vancouver		County <u>Clark</u>
	WELL CONSTRUCTION CERTIFICATION: accept responsibility for construction of this well, and its of Washington well construction standards. Materials used a reported above are true to my best knowledge and belief.	: I constructed and/or compliance with all and the information	EWM 🛛 or WWM	↓ <u>NE</u> 1/4 Sec <u>27</u> Twn <u>02</u> R ☐ Lat Deg Min _ Long DegMin_	Sec
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i		Surface Seal: <u>C</u>	oncrete		ſ
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RESOURCE PROTECTION W (SUBMIT ONE WELL REPORT PER WEL Construction/Decommission ("x" in box) Construction 391004 Decommission ORIGINAL INSTALLATION Notice of Intent N SE07882 Consulting Firm ATC Associates Unique Ecology Well IDTag No. <u>RD-4</u> WELL CONSTRUCTION CERTIFICATION: accept responsibility for construction of this well, and its of Washington well construction standards. Materials used a reported above are true to my best knowledge and belief. Driller  Engineer  Trainee Name (Print Last First Name)  Dec Mec	L INSTALLED)	CURRENT N Property Owner Don Site Address <u>1714 B</u> City <u>Vancouver</u>	Notice of Intent No.         Type of Well ("x in box,            A Resource Protection             Geotech Soil Boring          na Jenson Family          roadway Street            ME1/4 Sec 27 Twn 02 R             Lat Deg Min          Long Deg Min	) 23 County <u>Clark</u> <u>01</u> Sec
Driller/Engineer /Trainee Signature Driller or Trainee License No2882_ If trainee, licensed driller's Signature and L	·····	Work/Decommission	n Start Date 2005 Station	, ,
Construction Design	Well	Data	Formation D	escription
	Surface Seal: <u>C</u> Drilling Method: Boring Diameter: Backfill: <del></del>	D.P.	0-12 Fi 12-15'5	
	Boring Depth:	/5'	NAL OFFI	RECEIVED

SCALE: 1"= \_\_\_\_ PAGE 5\_\_\_ OF 7\_\_\_

the Information on this Well I	Please prin <b>RESOURCE PROTECTION W</b> (SUBMIT ONE WELL REPORT PER WELL Construction/Decommission ("x" in box) Construction 371003 Decommission 371003 ORIGINAL INSTALLATION Notice of Intent N SE07882 Consulting Firm ATC Associates Unique Ecology Well IDTag No. <u>RD</u> = 2 WELL CONSTRUCTION CERTIFICATION: accept responsibility for construction of this well, and its of Washington well construction standards. Materials used a reported above are true to my best knowledge and belief. Driller Construction Firance Name (Print Last, First Name) <u>Deckec</u> Driller/Engineer / Trainee Signature <u>R.J.</u> If trainee, licensed driller's Signature and L	L INSTALLED)	CURRENT N Property Owner Don Site Address <u>1714 B</u> City <u>Vancouver</u> Location <u>NW</u> 1/4-1/4 EWM I or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No. <u>4106</u> Cased or Uncased D Work/Decommissio	Notice of Intent No. A \equiv 10 4 17   Type of Well ("x in box)   A Resource Protection   Geotech Soil Boring   una Jenson Family   roadway Street   County Clark     NE1/4 Sec 27 Twn 02 R 01   Lat Deg Min Sec   Long Deg Min Sec
The Department of Ecology does NOT Warranty the Data and/or		Well I Surface Seal: Drilling Method: Boring Diameter: Backfill: # 2 Boring Depth: SCALE: 1"=	D.P. 2"	O-12' Fine Saud 12'-15' Sand gravel SWREGIONNOFFEC SWREGIONNOFFEC OFFEC SWREGIONNOFFEC

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	<b>RESOURCE PROTECTION W</b> (SUBMIT ONE WELL REPORT PER WEI Construction/Decommission ("x" in box)		CURRENT	Notice of Intent No. <u>A</u> Type of Well ("x in box) Resource Protection	16 10417
				Geotech Soil Boring	
	CRIGINAL INSTALLATION Notice of Intent Number:		Property Owner Don		
	<u>SE07882</u>		Site Address <u>1714 B</u>	roadway Street	
	Consulting Firm <u>ATC Associates</u> Unique Ecology Well IDTag No. $\underline{RD - 2}$	LB	City <u>Vancouver</u>		County <u>Clark</u>
	WELL CONSTRUCTION CERTIFICATION: accept responsibility for construction of this well, and its of Washington well construction standards. Materials used a reported above are true to my best knowledge and belief. Driller Engineer Trainee Name (Print Last, First Name) <u>Decker</u> Driller/Engineer /Trainee Signature <u>Rule</u>	Rich	EWM 🔀 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No. <u>4106</u>	Lat Deg Min Long DegMin	Sec
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	If trainee, licensed driller's Signature and L	icense Number:	Work/Decommissio	n Start Date 20 5	8/24/10
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	Construction Design	Well I	Data	Formation De	scription
i		Surface Seal: <u>C</u>	D, P,	0-12 Fine	e Sand
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				23-40' 10 SW RET	N/A REO
		Boring Depth:	40' PAGE 3 OF 7	AUG 30 P2:38	

Please prin <b>RESOURCE PROTECTION V</b> (SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box) Construction 391001 Decommission 391001 ORIGINAL INSTALLATION Notice of Intent II SE07882 Consulting Firm ATC Associates Unique Ecology Well IDTag No. <u>RD-</u> WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards. Materials used reported above are true to my best knowledge and belief. Driller Construction Signature <u>Run</u> Driller/Engineer /Trainee Signature <u>Run</u> Driller or Trainee License No. <u>2882</u>	LL INSTALLED)         Number:       Prog         Site         City         2 A         : I constructed and/or         compliance with all         and the information         Lat         still         City         Compliance with all         and the information         Lat         Still         Case         Case	CURRENT Noti Ty Current Donna J Address <u>1714 Broad</u> Address <u>1714 Broad</u> Address <u>1714 Broad</u> Address <u>1714 Broad</u> Address <u>1714 Broad</u> Management Address <u>1714 Broad</u> Address <u>1714 Broad</u>	ice of Intent N pe of Well ("x in Resource Protect Geotech Soil Bo enson Family Iway Street 21/4 Sec $27$ Twn $0at Deg Miong Deg Miong Deg Miong Cong Cong Cong Miong Cong Cong Cong Miong Cong Cong Miong Cong Cong Miong Cong Cong Miong Cong Cong Cong Miong Cong Cong Miong Cong Cong Miong Cong Cong Miong Cong Cong Cong Miong Cong Cong Cong Miong Cong Cong Miong Cong Cong Miong Cong Cong Miong Cong Cong Cong Miong Mi$	ction         oring        County Clark         02 R 01         inSec         finSec         Static Level/A
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Construction Design	Well Data		Formatio	n Description
	Surface Seal: <u>Conc</u> Drilling Method: <u>D</u> , Boring Diameter: <u>2</u> Backfill: <u>#8</u>	<u>P.</u> <u>«</u>	2-12 F	ine sand
	Boring Depth: 15	- - - - -	DEPARTMENT OFFICE	RECEIVED

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Please prin <b>RESOURCE PROTECTION V</b> (SUBMIT ONE WELL REPORT PER WEL Construction/Decommission ("x" in box) Construction 39100D Decommission ORIGINAL INSTALLATION Notice of Intent N SE07882 Consulting Firm <u>ATC Associates</u> Unique Ecology Well IDTag No. <u>RD-</u> WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards. Materials used reported above are true to my best knowledge and belief.	LL INSTALLED)  Number:  I constructed and/or compliance with all	CURRENT I Property Owner Dor Site Address <u>1714 B</u> City <u>Vancouver</u>	Notice of Intent No. / Type of Well ("x in box) Resource Protection Geotech Soil Boring ma Jenson Family Broadway Street 4 <u>NE1/4 Sec 27</u> Twn 02 R (	County <u>Clark</u>
☑ Driller □ Engineer □ Trainee Name (Print Last, First Name) Dec.Ker Driller/Engineer /Trainee Signature Driller or Trainee License No2882_ If trainee, licensed driller's Signature and D		still REQUIRED) Tax Parcel No. <u>4106</u> Cased or Uncased D Work/Decommissio	Long DegMin	Sec Level <u>N/A</u> 3/24/10
Construction Design	Well	Data	Formation De	escription
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	Backfill: <u>#</u> 2	8	12-15 50	gravel
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	Boring Depth:	15 PAGE 1 OF 7		

Please print, sign and return to the Department of Ecology <b>RESOURCE PROTECTION WELL REPORT CUMPTONE WELL REPORT CURRENT Notes of Intent No.</b> SECTESS         Construction/Becomission (X <sup>+</sup> in bac) <b>Construction 390091</b> Construction/Becomission (X <sup>+</sup> in bac) <b>Construction 290091</b> Construction 390091         Construction 290091 <b>Construction 2000005 Construction 30000005 WELL CONSTRUCTION CERTIFICATION : constructed and/recompared above construction students whole with with semiconstruction student and the attention of the constructed stude and the attention of the construction of the construction and/recompared above construction student and the attention of the construction of the construction and/recompared above construction student and/recompared above construction student and the attention of the construction and/recompared above construction student and the attention of the construction and/recompared above construction student and/recompared above construction student and the attention of the construction of the </b>				
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□ Decommission       2707110       □ Geotech Soil Boring         0RGMAL INSTALLATION Notice of Intent Number:       □ Geotech Soil Boring         Consulting Firm ATC Associates       □ County Clark         Unique Ecology Well DTag No.       AD = /		NSTALLED)		
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Unique Ecology Well DTag No. $\underline{RD} = \underline{A}$ WELL CONSTRUCTION CERTIFICATION: I constructed address accept respondibly for construction standards. Materials used and the information reported above are ture to my between workedge and bleif. B Driller Engineer [] Trainee Name Orial Lask, Firis News] <u>Deckeet</u> , <u>Rick</u> Driller Signature <u>Alich Tizekey</u> Driller Signature <u>Alich Tizekey</u> Driller Signature <u>Alich Tizekey</u> Driller Signature <u>and License Number</u> : If trainee, license do thinker, signature and License Number: Construction Design Well Data Formation Description Construction Design Well Data Formation Description Surface Seal: <u>Conscrete</u> Drilling Method: <u>D. P.</u> Backfill: <u>H B</u> $U = \frac{16}{16}$ <u>Sourd gravel</u> $\frac{\sqrt{2}}{16}$ <u>Sourd gravel</u>				
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Driller or Trainee License No.       28812       Cased or Uncased Diameter 1.25 State Level N/A         If trainee, licensed driller's Signature and License Number:       Work/Decommission Start Date $S/24/10$ Work/Decommission Completed Date $S/24/10$ Construction Design       Well Data         Formation Description         Surface Seal:       Conscrete.         Drilling Method:       D.         Boring Diameter: $2^{-12}$ Fine       Sand         gravel $2^{-16}$ Sourd of Uncased Diameter $2^{-12}$ Fine       Sand         Boring Diameter: $2^{-12}$ Backfill: $2^{-16}$ Sand $3^{-16}$	⊠ Driller □ Engineer □ Trainee Name (Print Last, First Name) Decker, R	ich	•	
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Work/Decommission Completed Date         Work/Decommission Completed Date         Construction Design         Well Data         Formation Description         Surface Seal: Conscrete         Drilling Method: D. P.       Descrete         Boring Diameter:       2"         Backfill:       #B         12-15       Sound gravel         Strate       2.15         Sound gravel       Sound gravel	Driller or Trainee License No. <u>2882</u>		Work/Decommission	n Start Date 8/24/10
Construction Design       Well Data       Formation Description         Surface Seal: Conscrete       Drilling Method: D. P.       Dele Fine Sand         Boring Diameter: L''       Backfill: HB       Dele Sand gravel         Backfill: HB       Dele Sand gravel	If trainee, licensed driller's Signature and Licen	nse Number:	Work/Decommissio	n Completed Date 0/14/10
Surface Seal: <u>Concrete</u> Drilling Method: <u>D. P.</u> Boring Diameter: <u>2</u> " Backfill: <u># B</u> <u>SEP</u> <u>Serface Seal: Concrete</u> Drilling Method: <u>D. P.</u> <u>Backfill: # B</u> <u>Serface Seal: Concrete</u> <u>Drilling Method: D. P.</u> <u>Drilling Method: D. P.</u> <u>Backfill: # B</u> <u>Drilling Method: D. P.</u> <u>Backfill: # B</u> <u>Drilling Method: D. P.</u> <u>Drilling Method: D. P.</u> <u>Drilling Method: D. P.</u> <u>Drilling Method: D. P.</u> <u>Drilling Method: D. P.</u> <u>Backfill: # B</u> <u>Drilling Method: D. P.</u> <u>Drilling Method: D. P.</u> <u>Drillin</u>			work/Decommissio	in Completed Date 0/21/12
Surface Seal: <u>Concrete</u> Drilling Method: <u>D. P.</u> Boring Diameter: <u>2</u> " Backfill: <u># B</u> <u>Surface Seal: Concrete</u> <u>Drilling Method: D. P.</u> <u>D-12' Fine Saud</u> <u>D'-15' Sound gravel</u> <u>Surface Seal: Concrete</u> <u>Drilling Method: D. P.</u> <u>D-12' Fine Saud</u> <u>D'-15' Sound gravel</u> <u>Surface Seal: Concrete</u> <u>Drilling Method: D. P.</u> <u>Drilling Method: D. P.</u>	Construction Design	Well	Data	Formation Description
Drilling Method: D. P. Boring Diameter: <u>2</u> " Backfill: <u>++</u> B <u>SEP</u> <u>SEP</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u> <u>REF</u>			· · · · · · · · · · · · · · · · · · ·	
Boring Diameter: 2" Backfill: # 8 Backfill: # 8	sı	urface Seal: <u>C</u> c	unsrete_	
Boring Diameter: 2" Backfill: # B Backfill: # B		rilling Method:	). P.	Q-12' Fine sand
Backfill: # B Backfill: # B		oring Diameter:	2."	
Backfill: <u>++ 2</u> Backfill: <u>++ 2</u>			~	12-15 sam arough
	В	ackfill: #E	5	
				SWA .
				LARA 30
			/	
		Boring Depth:	15	
				~ 00 -
SCALE: 1"= PAGE OF			PACE 7 or -1	

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RESOURCE PROTECTION SUBMIT ONE WELL REPORT PER Construction/Decommission ("x" in box Construction 39099 V	WELL INSTALLED)		Notice of Intent No. <u>SEO 788</u> Type of Well ("x in box) Resource Protection	
$\Box \text{ Decommission} \qquad 5 10 [-1.8]$			Geotech Soil Boring	
ORIGINAL INSTALLATION Notice of Inte	ent Number:	Property Owner Donna Jenson Family		
		Site Address <u>1714 E</u>	Broadway Street	
Consulting Firm ATC Associates	·····	City Vancouver	County <u>C</u>	
Unique Ecology Well IDTag NoRD	-5	<u> </u>		
WELL CONSTRUCTION CERTIFICAT accept responsibility for construction of this well, as Washington well construction standards. Materials	nd its compliance with all	EWM 🛛 or WWM		
eported above are true to my best knowledge and belief.			Lat Deg MinSec	
🛛 Driller 🗆 Engineer 🗖 Trainee	Д. 1	still REQUIRED)	Long DegMinSec	
Name (Print Last, First Name) Decker Kich Driller/Engineer /Trainee Signature Rich Decker		Tax Parcel No. <u>4106</u>	60000	
Driller or Trainee License No288	L	Cased or Uncased L	Diameter 1, 25" Static Level N/A	
		- Work/Decommissio	on Start Date 8/24/10	
If trainee, licensed driller's Signature a	and License Number:	Work/Decommissio	on Completed Date 8/24/10	
	XX7 1		Found to Description	
Construction Design	Wei	l Data	Formation Description	
	Surface Seal: <u>(</u> Drilling Method: _ Boring Diameter: Backfill: <u>+</u>	D. P. 2"	0-12' Fine sand 12-15' sand Stavel	
	Boring Depth:	15	NEPARTMENT OF FOLLOGY	

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Please p RESOURCE PROTECTION (SUBMIT ONE WELL REPORT PER W		-	Notice of Intent No. <u>SE07892</u>
Construction/Decommission (" $x$ " in box) $\square$ Construction $2\square$ Construction	,		Type of Well ("x in box) Resource Protection Geotech Soil Boring
ORIGINAL INSTALLATION Notice of Inter	nt Number:	Property Owner Dor	
		Site Address <u>1714 B</u>	• • • • • • • • • • • • • • • • • • • •
Consulting Firm <u>ATC Associates</u> Unique Ecology Well IDTag No. <u><u>R</u>D-</u>	- 4	City <u>Vancouver</u>	County Clark
WELL CONSTRUCTION CERTIFICATIOn accept responsibility for construction of this well, and Washington well construction standards. Materials us reported above are true to my best knowledge and bel Driller Engineer Trainee Name (Print Last, First Name)	its compliance with all sed and the information ief. <u>Rich</u> <u>DeeKen</u>	EWM 🖾 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No. <u>4106</u> Cased or Uncased I Work/Decommission	Lat Deg Min Sec Long Deg Min Sec 50000 Diameter $1.25^{"}$ Static Level $\sqrt{A}$ on Start Date $8/24/10$
		Work/Decommissio	on Completed Date 8/24/10
Construction Design	Well	Data	Formation Description
	Surface Seal: <u>C</u> Drilling Method: Boring Diameter: _	$D,P_{I}$	0-12' Fine Sand
	Backfill: <u>+</u> E	3	12'-15' sand gravel
	Boring Depth:	15	RECEIVED

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SUBMIT ONE WELL REPORT PER V Construction/Decommission ("x" in box) Construction 390996 Decommission	WELL REPORT VELL INSTALLED)	CORKENT	Notice of Intent No. <u>SEO 7882</u> Type of Well ("x in box) ⊠ Resource Protection ☐ Geotech Soil Boring
Decommission ORIGINAL INSTALLATION Notice of Inter	nt Number:	Property Owner <u>Dor</u>	
•		Site Address 1714 B	roadway Street
Consulting Firm <u>ATC Associates</u> Unique Ecology Well IDTag No. <u>RD-</u>	- 3	City <u>Vancouver</u>	County <u>Clar</u>
WELL CONSTRUCTION CERTIFICATIOn accept responsibility for construction of this well, and Washington well construction standards. Materials us reported above are true to my best knowledge and bel Driller Engineer Trainee Name (Print Last, First Name) Driller/Engineer /Trainee Signature Driller or Trainee License No If trainee, licensed driller's Signature and	t its compliance with all used and the information lief. Rich Deckon	EWM 🛛 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No. <u>4106</u> Cased or Uncased I Work/Decommissic	Lat Deg MinSec           Long Deg MinSec
		w ork/Decommissio	on completed Date 8/ 24/18
Construction Design	Well	l Data	Formation Description
	Surface Seal: <u>C</u> Drilling Method: Boring Diameter: Backfill: <del></del>	D. P. 2"	0-12' Fine sand 12'-15' sand gravel

RESOURCE PROTECTION V SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box) Construction 390995	ELL INSTALLED)		Notice of Intent No. Type of Well ("x in box Resource Protectio Geotech Soil Borin	r <i>)</i> n
DRIGINAL INSTALLATION Notice of Intent Number: Consulting Firm ATC Associates Unique Ecology Well IDTag No. $Rb - 2B$ WELL CONSTRUCTION CERTIFICATION: I constructed and/or ccept responsibility for construction of this well, and its compliance with all Vashington well construction standards. Materials used and the information eported above are true to my best knowledge and belief.		Property Owner Do	-	
		CourCourCourCour    Location <u>NW</u> 1/4-1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>02</u> R <u>01</u> EWM ⊠ or WWM □		R <u>01</u>
☑ Driller □ Engineer □ Trainee Name (Print Last, First Name) Decket Driller/Engineer /Trainee Signature Driller or Trainee License No If trainee, licensed driller's Signature and	Rich Ch DeeKer	Work/Decommissi	Lat Deg Min Long Deg Min 60000 Diameter $1, 25^{"}$ Stat on Start Date $8 / 24$ on Completed Date 8	Sec ic Level/A !/10
Construction Design	Wal	l Data	<b>Formation I</b>	•
	Surface Seal: <u>(</u> Drilling Method: _ Boring Diameter: Backfill: <del></del>	D: P. 2"	0-12' Fin 12-23 Sau 23'-40'	ud gravel
	Boring Depth:	40'	REGIO	

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<b>ESOURCE PROTECTION</b> UBMIT ONE WELL REPORT PER W Instruction/Decommission ("x" in box) Construction 390994		CURRENT	Notice of Intent No. <u>SEO7892</u> Type of Well ("x in box) ⊠ Resource Protection □ Geotech Soil Boring
RIGINAL INSTALLATION Notice of Inter	nt Number:	Property Owner Dor	nna Jenson Family
	<u></u>	Site Address 1714 E	Broadway Street
onsulting Firm ATC Associates		City Vancouver	County Clari
nique Ecology Well IDTag No	-2A		COM, <u></u>
ELL CONSTRUCTION CERTIFICATIO cept responsibility for construction of this well, and ashington well construction standards. Materials us ported above are true to my best knowledge and beli Driller [] Engineer [] Trainee ame (Print Last, First Name) Decket riller/Engineer /Trainee Signature riller or Trainee License No	DN: I constructed and/or its compliance with all sed and the information ief. Rich Decker	EWM 🛛 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No. <u>4106</u> Cased or Uncased I	Lat Deg Min Sec         Long Deg Min Sec         50000         Diameter 1, 25 " Static Level/A
		→ Work/Decommissio	on Start Date 8/24/10
trainee, licensed driller's Signature an	d License Number:	Work/Decommissio	on Completed Date 8/24/10
			5/24
Construction Design	Wel	l Data	Formation Description
	Surface Seal: <u>(</u>		0-12 Fine Sand
	Boring Diameter:	2"	
	Backfill: # 8	3	12-15 sandgravel
$\sim$			
$\sim$			
$\square$			
			Periodic State Sta
	Boring Depth:	15	
			STA S T

UBMIT ONE WELL REPORT PER WE onstruction/Decommission ("x" in box) Construction 370993 Decommission	VELL REPORT LL INSTALLED)	CURRENT	nt of Ecology Notice of Intent № Type of Well ("x in Kesource Prote Geotech Soil B	ction
I Decommission C F C C C C C C C C C C C C C C C C C	Number:	Property Owner Do	nna Jenson Family	0
		Site Address <u>1714 I</u>		
onsulting Firm <u>ATC Associates</u> nique Ecology Well IDTag No	1	City <u>Vancouver</u>		County Clark
/ELL CONSTRUCTION CERTIFICATION         accept responsibility for construction of this well, and its         vashington well construction standards. Materials used         ported above are true to my best knowledge and belief.         Driller [] Engineer [] Traince         ame (Print Last, First Name)	compliance with all and the information Rich Decker	EWM 🖾 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No. <u>410</u> Cased or Uncased 2 Work/Decommissi	Lat Deg M Long Deg M 60000 Diameter _1. 25 <sup><math>^{\circ}</math></sup> on Start Date $\mathscr{B}/2$	lin Sec Min Sec Static Level _ <u>N/A</u> 2 4 <u>/10</u> 8/2 4 /10
			on completed Date	0/240
	Surface Seal: <u>C</u> Drilling Method: Boring Diameter: Backfill: <del></del>	D. P 2"	0-12 Fi 12 - 15 UEPARTHENT OF SW REGIONAL	

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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Well Report.	<b>RESOURCE PROTECTION W</b>			nt of Ecology Notice of Intent No. <u>SE02910</u>	)
Me	(SUBMIT ONE WELL REPORT PER WEI Construction/Decommission ("x" in box)	LL INSTALLED)		Type of Well ("x in box)	
this	$\boxtimes$ Construction $3 \circ 7 \approx 16$			<ul> <li>Resource Protection</li> <li>Geotech Soil Boring</li> </ul>	
	ORIGINAL INSTALLATION Notice of Intent N	umber:	Property Owner Ge	oCon NW Owner's Rep	
uo u				Main St	
<u><u></u><u></u><u></u><u></u><u></u></u>	Consulting Firm		City Vancouver	Co	ounty <u>Clark</u>
nai	Unique Ecology Well IDTag No		Location NW1/4 1/	/4 NE1 /4 Sec 27 Turn 2 D 1	
the Information	WELL CONSTRUCTION CERTIFICATION: accept responsibility for construction of this well, and its of Washington well construction standards. Materials used a	compliance with all	EWM $\boxtimes$ or WWM		
ē	reported above are true to my best knowledge and belief.	,	Lat/Long (s, t, r still REQUIRED)	Lat Deg MinSec	
	Driller □ Engineer □ Trainee     Name (Print Last, First Name) <u>Stigall, Ford</u>	St. A.	Tax Parcel No. <u>040</u> 2	Long DegMinSec 250-000	
and/or	Driller/Engineer /Trainee Signature	XINJALL_	Cased or Uncased I	Diameter 8.25 Static Level nor	ne
an		NI N	Work/Decommission	on Start Date <u>8/14/08</u>	
Data	If trainee, licensed driller's Signature and L	Icense Number:	Work/Decommission	on Completed Date 8/14/08	
			,		
ţ	Construction Design	Well	Data	Formation Description	
NOT Warranty the		Drilled one hollow s boring to 25' b.g.s. purposes. No wate	for geotechnical	AC/Base Rock 0-2 Fill Rock 2-6 Silt/Clay 6-18 Sandy Gravel 18-25	
Department of Ecology does	8.25° V25'				
The De				RECEIVI	ED
-				Alig 1 5 2008	
				DEPARTMENT OF ECO	LOGY
		/ SCALE: 1"= 0 1	PAGE 1 OF 2		

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lob Number:	XL-3604
Boring:	CRC-TF

		۰ . ۰		b Number: pring:	XL-3604-H CRC-TR-44-12
Please pri	nt, sign and return	to the Departmer	nt of Ecology	·	
ESOURCE PROTECTION N	· · · · · · · · · · · · · · · · · · ·		Notice of Inter	nt No. SE-4	6822/AE-19859
UBMIT ONE WELL REPORT PER WI	ELL INSTALLED)	· ·	Type of Well ('		
nstruction/Decommission ("x" in box) Construction			🔲 Resource F	rotection	47516
Decommission			🔀 Geotech Sc	il Boring	
UGINAL INSTALLATION Notice of Intent	Number:	Property Owner W	SDOT		
		Site Address Vic o			
	·	City			
ique Ecology Well IDTag No	999 - 19	Location <u>NW</u> 1/4.	• •	27 Twn	<u>2 N R 1</u>
ELL CONSTRUCTION CERTIFICATION ept responsibility for construction of this well, and its		EWM 🗌 or WWM	1.		
shington well construction standards. Materials used	and the information reported	Lat/Long (s, t, r	Lat Deg	Min	Sec
ve are true to my best knowledge and belief.		still REQUIRED)	Long Deg		_Sec
Driller 🔲 Engineer 🔲 Trainee ne (Print Last, First Name) Nelson, Brad		Tax Parcel No			
iller/Engineer /Trainee Signature		Cased or Uncased I	Diameter <u>4"</u>	Static Le	vel
iller or Trainee License No 296		Work/Decommission			
trainee, licensed driller's Signature and	License Number:	Work/Decommissio	on Completed Date	, 12/10/201	2
				•	
Construction Design	Well	Data	Form	ation Descr	intion
Construction Design	Well		0 - 0.3 ft	Pavement	
			0.3 - 12.5 ft	Sand with silt	•
· .	1		12.5 - 13.5 ft	Sand with gra	
		·.	13.5 - 19 ft	Sand	
			19 - 24 ft	Sand with gra	vel
	· · · · ·		24 - 29 ft	Sand	
			29 - 31 ft	Sand with silt	
			· ·		
				•	
		•			•
· .	· · ·		Ì		
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			D	Ene	IVED
			l u		IVED
· · · ·			1		
				JAN 1 6	o 2013
			WA	State De	enartment
Boring was backfilled with			WA of	State Do Ecology	epartment (SWRO)



## Document



Job Number:	XL-3604-H
Boring:	CRC-TR-44-1

RESOURCE PROTECTION W SUBMIT ONE WELL REPORT PER WEI Construction/Decommission ("x" in box) Construction Decommission DRIGINAL INSTALLATION Notice of Intent N	LL INSTALLED) Tumber:	Property Owner <u>WS</u> Site Address <u>Vic</u> o	Type of Well ( Resource Geotech S	oil Boring
Consulting Firm WSDOT Unique Ecology Well IDTag No. WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.  Driller Engineer Trainee Name (Print Last, First Name) Nelson, Brad Driller/Engineer /Trainee Signature Driller or Trainee License No. 296-9		City Location _NW1/4- EWM or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased D Work/Decommissio	County 1/4 NE 1/4 Sec Lat Deg Long Deg nameter4" n Start Date	Clark         27       Twn 2 N       R       1         Min       Sec
f trainee, licensed driller's Signature and L	icense Number:	Work/Decommissio	n Completed Da	te12/10/2012
Construction Design	Well I	Data	Forn 0 - 0.3 ft	nation Description
			0.3 - 12.5 ft 12.5 - 13.5 ft 13.5 - 19 ft 19 - 24 ft 24 - 29 ft 29 - 31 ft	Sand with silt Sand with gravel Sand Sand with gravel Sand Sand with silt
				RECEIVE JAN 1 6 2013 WA State Departm of Ecology (SWR

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Job Number:	XL-3604-H
Boring:	CRC-TR-47-12

ESOURCE PROTECTION UBMIT ONE WELL REPORT PER V onstruction/Decommission ("x" in box) Construction Decommission RIGINAL INSTALLATION Notice of Inter-	VELL INSTALLED)	Property Owner Ws	Type of Well Resource Geotech	Protection 475/76
onsulting FirmWSDOT				y <u>Clark</u>
nique Ecology Well IDTag No.		Location <u>NW</u> 1/4-	1/4 <u>NE</u> 1/4 Se	ec 27 Twn 2N R
ELL CONSTRUCTION CERTIFICATI cept responsibility for construction of this well, and astington well construction standards. Materials us ove are true to my best knowledge and belief. Driller Bengineer Trainee une (Print Last, First Name) Shepherd, Robert	its compliance with all .	EWM 🔲 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Lat Deg Long Dcg	
riller/Engineer /Traince Signature	1 shylide	Cased or Uncased I	Diameter <u>4"</u>	Static Level?7'
riller or Trainee License No. 2710		Work/Decommissic	on Start Date	12/5/2012
trainee, licensed driller's Signature an	d License Number:	Work/Decommissic		
				,
Construction Design	Well	Data	For	mation Description
			0 - 0.2 ft	Pavement
			0.2 - 4.5 ft	Gravel with sand and silt
		,	4.5 - 9.5 ft	Sand with silt
			9.5 - 14.5 ft	Gravel with sand and silt
			14.5 - 31 ft	Sand
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	· · ·			
		•		
			· .	RECEIVE
				the second to th
	· ·			JAN 1 6 2013
Boring was backfilled with				
	1		1	WA State Departm of Ecology (SWR)

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Job Number:	XL-3604-H
Boring:	CRC-TR-47-12

	Job Number: XL-3604-H Boring: CRC-TR-47-12
· Please print, sign and return RESOURCE PROTECTION WELL REPORT	
(SUBMIT ONE WELL REPORT PER WELL INSTALLED) Construction/Decommission ("x" in box) Construction Decommission OPICINAL INSTALLATION Notice of Instant Number	Type of Well ("x in box) Resource Protection Geotech Soil Boring. Property Owner WSDOT
ORIGINAL INSTALLATION Notice of Intent Number:	Site Address Vic. Of W. 16th and Main
Consulting Firm WSDOT	CityCounty Clark
Unique Ecology Well IDTag No.	Location <u>NW</u> 1/4-1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R
WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.	EWM       or WWM         Lat/Long (s, t, r       Lat Deg MinSec         still REQUIRED)       Long Deg MinSec
Driller <ul> <li>Engineer                  Trainee</li> <li>Name (Print Last, First Name) Shepherd, Robert</li> <li>Driller/Engineer /Trainee Signature</li></ul>	Tax Parcel No.
Construction Design Well 1	Data Formation Description
	0 - 0.2 ft Pavement 0.2 - 4.5 ft Gravel with sand and silt 4.5 - 9.5 ft Sand with silt 9.5 - 14.5 ft Gravel with sand and silt 14.5 - 31 ft Sand
	RECEIVED

JAN 1 6 2013 WA State Department of Ecology (SWRO)

ECY 050-12 (Rev. 7/06)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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Ecology is an Equal Opportunity Employer

Job Number:	XL-3604-H
Boring:	CRC-TR-46-12

SUBMIT ONE WELL REPORT PER         construction/Decommission ("x" in bag         Construction         Decommission	<b>X WELL INSTALLED)</b> x)		Notice of Intent No. SE46822/AE19859 Type of Well ("x in box) Resource Protection Geotech Soil Boring		
RIGINAL INSTALLATION Notice of In	tent Number:	Property Owner <u>W</u>	SDOT		
		Site Address Vic. Of W. 16th and Main			
onsulting Firm <u>WSDOT</u>			County Clark		
Inique Ecology Well IDTag No.	·	Location <u>NW</u> 1/4-1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R			
VELL CONSTRUCTION CERTIFICA scept responsibility for construction of this well, a /ashington well construction standards. Materials powe are true to my best knowledge and belief.	and its compliance with all	EWM 🔲 or WWM Lat/Long (s, t, r still REQUIRED)	4 🗖 Lat Deg Min Sec Long Deg Min Sec		
Driller Engineer Trainee	+	Tax Parcel No			
ame (Print Last, First Name) Shepherd, Rober Driller/Engineer /Traince Signature	Figuelitte	Cased or Uncased I	Diameter <u>4</u> " Static Level <u>23</u>		
Driller or Trainee License No		Work/Decommissio	on Start Date 12/4/2012		
ftuning linemaal duillau's Si-nat-	and Liconso Numbor		on Completed Date		
f trainee, licensed driller's Signature	and Lacense Number:	WORK DOODHINISSI			
Contention Davies		Data	Formation Description		
Construction Design	Well 1	Jana	0 - 0.333 ft Pavement		
			0.3 - 3.5 ft Gravel with sand and silt		
			3.5 - 13.5 ft Sand with silt		
			13.5 - 30 ft Sand		
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			RECEIVED		
			JAN 1 6 2013		
•			WA State Departmen		
Boring was backfilled with			WA State Departmen of Ecology (SWRO)		

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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Job Number:	XL-3604-H
Boring:	CRC-TR-46-1

			Boring:	CRC-TR-46-12
Please pri	nt, sign and return			
<b>RESOURCE PROTECTION V</b> (SUBMIT ONE WELL REPORT PER WE		CURRENT	Notice of Intent No. <u>`</u>	SE46822/AE19859
<b>Construction/Decommission</b> (" $x$ " in $box$ ) <b><math>\square</math></b> Construction	Type of Well ("x in box) $\square$ Resource Protection $472$			
Decommission ORIGINAL INSTALLATION Notice of Intent	Number	Property Owner <u>Wa</u>	Geotech Soil Boring	
Chiefwall Installation Nonce of Intent	vumber.	Site Address Vic.		
Consulting Firm WSDOT			County Clark	
Unique Ecology Well IDTag No			.1/4 <u>NE</u> 1/4 Sec <u>27</u> T	
WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its	compliance with all	EWM 🔲 or WWM	—	Sac
Washington well construction standards. Materials used above are true to my best knowledge and belief.	and the information reported	still REQUIRED)	Lat Deg Min • Long DegMin	Sec
X Driller 🗋 Engineer 🗋 Trainee Name (Print Last, First Name) <u>Shepherd, Robert</u>		Tax Parcer No.		
Driller/Engineer /Trainee Signature	kylac		Diameter <u>4</u> " Static	
Driller of Trainee License No. 2710			on Start Date 12/4/2	
If trainee, licensed driller's Signature and I	License Number:	Work/Decommissio	on Completed Date12/4/2	.012
Construction Design	Well I	Data	• Formation De	scription
Construction Design	W Chi 1	Jala	0 - 0.333 ft Pavement	
			0.3 - 3.5 ft Gravel wit	h sand and silt
			3.5 - 13.5 ft Sand with	silt
•	·		13.5 - 30 ft Sand	
			REC	EIVED
			JAN	1 6 2013
			of Ecolo	Department gy (SWRO)
	SCALE: 1"=P	AGE1OF1		
ECY 050-12 (Rev. 7/06)			Ecology is an Equa	I Opportunity Employ

Job Number:	XL-3604-H
Boring:	CRC-TR-53-12

RESOURCE PROTECTION SUBMIT ONE WELL REPORT PER onstruction/Decommission ("x" in box	WELL INSTALLED)		Type of Well	
Construction Decommission			Geotech	
RIGINAL INSTALLATION Notice of Inte	nt Number:	Property Owner WSDOT		
		Site Address Vicin	ain	
onsulting Firm <u>WSDOT</u>		City	Count	y <u>Clark</u>
nique Ecology Well IDTag No			ec <u>27</u> Twn <u>2 N R 1</u>	
ELL CONSTRUCTION CERTIFICATI		EWM 🔀 or WWM		
cept responsibility for construction of this well, and ashington well construction standards. Materials u	lits compliance with all sed and the information reported	Lat/Long (s, t, r	Lat Deg	
ove are true to my best knowledge and belief.		still REQUIRED)		MinSec
Driller 🗋 Engineer 🗖 Trainee		Tax Parcel No		
ame (Print Last, First Name) <u>Nelson</u> , Brad riller/Engineer /Traince Signature	t			Static Level
riller or Trainee License No. <u>2969</u>	-	Work/Decommissio		
trainee, licensed driller's Signature ar	d License Number:	Work/Decommissio	n Completed D	ate
	· · · · · · · · · · · · · · · · · · ·			
Construction Design	Well	Data	For	mation Description
			0 - 0.3 ft	Pavement
			0.3 - 2 ft	Silt
			2 - 6 ft	Gravel with sand and silt
			6 - 12 ft	Sand
			12 - 15.5 ft	Sand with silt
			15.5 - 16 ft	Silt
			16 - 26.5 ft	Sand with silt
,			26.5 - 31 ft	Sand with gravel
			*	
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				DEAR
				RECEIVE
				JAN 1 6 2013
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Boring was backfilled with				WA State Departme of Ecology (SWRO
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Job Number:	XL-3604-H
Boring:	CRC-TR-53-

ESOURCE PROTECTION			lotice of Int	ent No	46-19829	
JBMIT ONE WELL REPORT PER W nstruction/Decommission ("x" in box)	ELU INSTALLED)		Type of Well			
Construction			Resource		15/7	
Decommission IGINAL INSTALLATION Notice of Inten	t Number	Property Owner WS		Son Doring		
IGMAL INSTALLATION Notice of them	( ivanioer .			in		
nsulting FirmWSDOT				y Clark		
ique Ecology Well IDTag No						
ELL CONSTRUCTION CERTIFICATIO	N: I constructed and/or	Location <u>NW</u> $1/4 \cdot 1/4$ <u>NE</u> $1/4$ Sec <u>27</u> Twn <u>2N</u> R <u>1</u> EWM $\blacksquare$ or WWM $\square$				
pt responsibility for construction of this well, and it	s compliance with all			Min Sec		
hington well construction standards. Materials use ve are true to my best knowledge and belief.	a and the information reported	still REQUIRED)	Lana Dag	MinSec MinSec		
Driller 🔲 Engineer 🔲 Trainee		Tax Parcel No.	Long Deg			
ie (Print Last, First Name) <u>Nelson</u> , Brad Iler/Engineer /Trainee Signature	· · · · · · · · · · · · · · · · · · ·			Static Level		
ller/Engineer / Irainee Signature				12/6/2012		
· · · · · · · · · · · · · · · · · · ·						
rainee, licensed driller's Signature and	License Number:	Work/Decommission	n Completed D	ate12/6/2012		
Construction Design	Well I	Data	For	mation Description		
. ·			0 - 0.3 ft	Pavement	•	
			0.3 - 2 ft	Silt		
			2 - 6 ft	Gravel with sand and	silt	
			6 - 12 ft	Sand		
			12 - 15.5 ft	Sand with silt		
			15.5 - 16 ft	Silt		
			16 - 26.5 ft	Sand with silt		
			26.5 - 31 ft	Sand with gravel	•	
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				WA State De of Ecology	partm	
				of Ecology	(SWR	
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Job Number:	XL-3604-H
Boring:	CRC-TR-52-12

RESOURCE PROTECTION W SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box) Construction		CONTENT	Type of Well	Protection 4751	
Decommission     DRIGINAL INSTALLATION Notice of Intent	lumber:	Property Owner W			
		Site Address Vicir		n	
Consulting Firm		City			
Jnique Ecology Well IDTag No				ec <u>27 Twn 2 N R 1</u>	
VELL CONSTRUCTION CERTIFICATION: ccept responsibility for construction of this well, and its c Vashington well construction standards. Materials used as bove are true to my best knowledge and belief.	ompliance with all	EWM 🔀 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No.	1  Lat Deg MinSec Long DegMinSec		
lame (Print Last, First Name) Nelson, Brad				Statio I aval	
Driller/Engineer /Traince Signature ////		Cased or Uncased Diameter <u>4"</u> Static Level Work/Decommission Start Date <u>12/6/2012</u>			
· · · · · · · · · · · · · · · · · · ·					
f trainee, licensed driller's Signature and L	icense Number:	Work/Decommissio	on Completed Da	ate	
Construction Design	Well 1	) Data	For	mation Description	
Construction Design			0 - 0.4 ft	Pavement	
		,	0.4 - 6 ft	Silt	
			6 - 12.5 ft	Sand with silt	
			12.5 - 13.5 ft	Gravel with sand and silt	
			13.5 - 29 ft	Sand	
			29 - 29.5 ft	Sand with silt	
			29.5 - 31 ft	Silt	
				RECEIVED	
				JAN 1 6 2013	
Boring was backfilled with bentonite hole plug to surface.			V	VA State Departmer of Ecology (SWRO)	

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Job Number:	XL-3604-
Boring:	CRC-TR

				lob Number: Boring:	XL-3604-H CRC-TR-52-12	
•	nt, sign and return	to the Departmer	nt of Ecology	ANA SE	-46822 / AE-19859	
RESOURCE PROTECTION WELL REPORT         (SUBMIT ONE WELL REPORT PER WELL INSTALLED)         Construction/Decommission ("x" in box)         Construction         Decommission         ORIGINAL INSTALLATION Notice of Intent Number:		CURRENT Notice of Intent No. SE-46822 / AE-1985 Type of Well ("x in box) Resource Protection Geotech Soil Boring Property Owner WSDOT				
		Site Address Vicinity of W16th & Main				
Consulting Firm WSDOT		CityCounty Clark				
Jnique Ecology Well IDTag No		Location <u>NW</u> 1/4-				
VELL CONSTRUCTION CERTIFICATION		EWM 🔀 or WWM				
cept responsibility for construction of this well, and its /ashington well construction standards. Materials used howe are true to my best knowledge and belief.		Lat/Long (s, t, r still REQUIRED)	Lat Deg	Min	Sec	
Driller 🔲 Engineer 🔲 Trainee		Tax Parcel No	roug ryeg			
ame (Print Last, First Name) Nelson, Brad riller/Engineer /Trainee Signature		Cased or Uncased I	Diameter <sup>4"</sup>	Static L	evel	
Driller or Trainee License No. 2969		Work/Decommissic				
f trainee, licensed driller's Signature and	License Number	Work/Decommissic	•			
Construction Design	Well I	Data	For	mation Desc	ription	
Constituenten Deelign			0 - 0.4 ft	Pavement		
			0.4 - 6 ft	Silt		
			6 - 12.5 ft	Sand with si	It	
			12.5 - 13.5 ft	Gravel with	sand and silt	
			13.5 - 29 ft	Sand		
			29 - 29.5 ft	Sand with si	It	
			29.5 - 31 ft	Silt		
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JAN 1 6 2013

WA State Department of Ecology (SWRO)

SCALE: 1"=\_

Job Number:	XL-3604-H
Boring:	CRC-TR-45P-12

			JOD NI Boring	CRC-TR-45F	<b>-</b> 12
Please p RESOURCE PROTECTION	rint, sign and return WELL REPORT		nt of Ecology Notice of Intent N	<b>lo.</b> RE07851	
(SUBMIT ONE WELL REPORT PER W		OORALENT			
Construction/Decommission ("x" in box)			Type of Well ("x in Resource Prote	n box) 4752	ر/،
Construction			Geotech Soil E	-	
Decommission DRIGINAL INSTALLATION Notice of Inten	t Number	Property Owner <u>W</u>	—		
MGHVAL INSTALLATION NOLCO OF MICH	L IVUMOET.		Of West 17th and Broadw	vav	
Consulting Firm WSDOT			County Clark		
Jnique Ecology Well IDTag NoBHB 873	3		-1/4 <u>NE</u> 1/4 Sec <u>27</u>		
VELL CONSTRUCTION CERTIFICATION		EWM 🗌 or WWM		I WH IV	_
ccept responsibility for construction of this well, and i	ts compliance with all			c a	
Vashington well construction standards. Materials use bove are true to my best knowledge and belief.	d and the information reported	Lat/Long (s, t, r still REQUIRED)	Lat Deg N		
• • •				MinSec	
Driller 🗖 Engineer 🗖 Traince ame (Print Last, First Name) Shepherd, Robert					
Filler/Engineer /Trainee Signature	Shiplat		Diameter <u>6</u> "	•	
oriller or Trainee License No	)		on Start Date		
f trainee, licensed driller's Signature and	l License Number:	Work/Decommission	on Completed Date	12/4/2012	
		Dette	Formatic	n Description	
Construction Design	Well	Data	Υ	on Description	
0 - 2 ft Top Seal				vement	
Top ocal				nd with silt	
0.446			· · ·	avel with sand and silt	
2 - 14 ft Pipe in bentonite			19 - 24 ft Sar	nd with gravel	
			24 - 30.5 ft Sar	าป	
14 - 19 ft					
Pipe in sand					
		•			
19 - 29 ft Screen in sand					
29 - 30.5 ft					
Bottom seal					
				•	
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			R	ECEIVE	D
				JAN 1 6 2013	
			WA WA	State Departm Ecology (SWR	ner
			of l	=cology (SWR	IO)

PAGE 1 OF 1 SCALE: 1"=

ECY 050-12 (Rev. 7/06)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Ecology is an Equal Opportunity Employer

Job No.: XL-3604-G Project: Columbia River Crossing Park & Ride and Trans Hole#: CRC-TR-04p-11 Well ID#: BCH-770 Method: Mud Rotary Driller: Henderson, Danny Lic #: 2742 Company: WA State Dept. of Transportation Signature:	Decomission card #: <u>AE-28708</u> sit(Strunttures Clark         Location: <u>NW1/4 of NE1/4</u> Sec: 27 Twn: 2 N Range: <u>1 EWM</u> Street Address of Well: Vic of Est.15th. + Washington st.         Water Table Depth: <u>DR-f</u> Ground Surface Elevation: 89.13         Installed: <u>9/15/2011</u> Decommissioned: 10-6-14         Cased Hole: <u>1"</u>
Casing 6 Filled pipe with bentonite slurry. Cut off 2ft blow ground and sealed to of hole.	Protective Casing, Stick-up_2ft Instrument Pipe' stick-up_11/2ft_ Ground Surface Cement Surface Seal from 0.0 ft. to 1.5 ft. Instrument Pipe in Granular Bentonite, from 1.5 ft. to 5.0 ft.
	Instrument Pipe in SAND, from ft. to ft. RECEIVED APR 0 32015 WA State Department of Ecology (SWRO) In Clean Sand, from 5.0 ft. to 25.0 ft Bottom Seal, from 25.0 ft. to 134.5 ft

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

**RESOURCE PROTECTION WELL REPORT** Decomission card #: AE-28708 Job No.: XL-3604-G Project: Columbia River Crossing Park & Ride and Transit@uuttures Clark Range: 1 EWM Location: NW1/4 of NE1/4 Sec: 27 Twn: 2 N CRC-TR-01p-11 Well ID#: BCH-769 Hole#: Street Address of Well: Vicinity of East 15th St. and Washington St. Method: Mud Rotary Lic #: 2742 Water Table Depth: 78.8 Driller: Henderson, Danny Ground Surface Elevation: 87.34 Dept. of Transportation Company: WAStal Signature: Installed: 9/1/2011 Decommissioned: 10-6-14 Cased Hole: 1" Protective Casing. Casing Stick-up 2ft Instrument Pipe stick-up 1 1/2ft Ground Surface Filled pipe with bentonite slurry. Cut off 2ft blow ground and sealed to of hole. Cement Surface Seal from 0.0 ft. to 2.0 ft. Instrument Pipe in Granular Bentonite, from 2.0 ft. to 65.0 ft. Instrument Pipe in SAND, from 65.0 ft. to 69.0 ft. RECEIVED APR 032015 WA State Department of Ecology (SWRO) Well Screen In Clean Sand, from 69.0 ft. to 89.0 ft. Bottom Seal, from 89.0 ft. to 129.2 ft Bottom of Hole 129.2 ft.

he Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

Job No.:	XL-3604-H		nission card #:AE-28708
Project: Hole#: Method: Driller: Company: Signature:		Location: <u>NW1/4 of NE1/4</u> Street Address of Well: Vicinity of	
Casing	Filled pipe with bentonite slurry. Cut off 2ft blow ground and sealed	to of hole.	Protective Casing, Stick-up_2ft Instrument Pipe' stick-up_11/2ft Ground Surface Cement Surface Seal

0.0 ft. to from 2.0 ft. Instrument Pipe in Granular Bentonite, from 2.0 ft. to 14.0 ft. Instrument Pipe in SAND, from 14.0 ft. to 19.0 ft. MAY 0 5 2015 WA State Department of Ecology (SaRO) Well Screen In Clean Sand, from 19.0 ft. to 29.0 ft 29.0 ft. to 30.5 ft Bottom Seal, from Bottom of Hole 30.5 ft

**RESOURCE PROTECTION WELL REPORT** Decomission card #: AE-28706 Job No.: XL-3604-G Columbia River Crossing Park & Ride and Transit@durdtures Clark Project: Location: NW1/4 of NE1/4 CRC-TR-11p-12 Well ID#: BHM 712 Sec: 27 Twn: 2N Range: 1 EWM Hole#: Street Address of Well: Vic. Of W. 16th and Main St Mud Rotary Method: Water Table Depth: DRY Driller: Lic #: 2742 Henderson, Danny Company: WA State Dept. of Transportation Ground Surface Elevation: 90.29 Signature: Installed: 3/27/2012 Decommissioned: 10-7-14 Cased Hole: 1" Protective Casing, Casing Stick-up 2ft Instrument Pipe' stick-up 1 1/2ft Ground Surface Filled pipe with bentonite slurry. Cement Surface Seal Cut off 2ft blow ground and sealed to of hole. from 0.0 ft. to 2.0 ft. Instrument Pipe in Granular Bentonite, from 2.0 ft. to 15.0 ft. Instrument Pipe in SAND, from 15.0 ft. to 20.0 ft. RECEIVED APR 0 32015 WA State Department of Ecology (SWRO) Well Screen In Clean Sand, from 20.0 ft. to 40.0 ft Bottom Seal, from 40.0 ft. to 119.3 ft Bottom of Hole 119.3 ft.

he Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

RESOURCE PROTECTION WELL REPORT Decomission card #: AE-28706 Job No .: XL-3604-G Columbia River Crossing Park & Ride and Transit Structures Clark Project: CRC-TR-09p-12 Well ID#: BHM-714 Range: 1 EWM Location: NW1/4 of NE1/4 Sec: 27 Twn: 2-N Hole#: Street Address of Well: Vic of West 16th. and Main St. Method: Mud Rotary Lic #: 2742 Water Table Depth: 80.5 Driller: Henderson, Danny Ground Surface Elevation: 89.16 Company: W/ State Dept. of Transportation Signature: Installed: 3/22/2012 Decommissioned: 10-6-14 Cased Hole: 1" Protective Casing. Casing Stick-up 2ft Instrument Pipe' stick-up 1 1/2ft Ground Surface Filled pipe with bentonite slurry Cement Surface Seal Cut off 2ft blow ground and sealed to of hole. from 0.0 ft. to 1.5 ft. Instrument Pipe in Granular Bentonite, from 1.5 ft. to 71.0 ft. Instrument Pipe in SAND, from 71.0 ft. to 73.0 ft. RECEIVED APR 0 3 2015 WA State Department of Ecology (SWRO) Well Screen In Clean Sand, from 73.0 ft. to 83.0 ft Bottom Seal, from 83.0 ft. to 119.5 ft Bottom of Hole 119.5 ft.

**RESOURCE PROTECTION WELL REPORT** Decomission card #: AE-28706 XL-3604-G Job No.: Project: Columbia River Crossing Park & Ride and Transit@durdtures Clark Hole#: CRC-TR-12si-12 Well ID#: BHM-715 Location: NW1/4 of NE1/4 Sec: 27 Twn: 2 N Range: 1 EWM Vicinity of West 16th and Main St. Street Address of Well: Method: Mud Rotary Driller: Henderson, Danny Lic #: 2742 Water Table Depth: 77.4 WA State Dept. of Transportation Ground Surface Elevation: 89.97 Company: 3/21/2012 Decommissioned: 10-6-14 Signature: Installed: Cased Hole: 2" Protective Casing, Stick-up\_ Instrument Pipe stick-up Ground Surface Cement Surface Seal from 0.0 ft. to 2.0 ft. Cement Bentonite Slurry, from 2.0 ft. to 134.5 ft. RECEIVED APR 032015 WA State Department of Ecology (SWRO) Slope Inclinometer Casing Installed to depth of 134.5 ft Bottom of Hole 149.1 ft.

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

GEOTECHNICAL	BORING	REPORT
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(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

## CURRENT

Notice of Intent No.

AE30927

Construction	101-15-002	25(9234)			
Decommission ORIGINAL INSTALL of Intent Number	ATION Notice SE54117	Property Owner	Geotechnic	al Soil Boring ansdorf Gregerson	
		Site Address		115 E 17th St	
Consulting Firm PBS Engine	ering Environmental	City	Vancouver	County Clark	
Geotechnical Soil Boring Hole #B-:			1/4 NW 1/4 NE Sec		EWM 1E_or WWM
ELL CONSTRUCTION CERTIFICATION: I constru- onstruction of this well, and its compliance with all Was			at Deg ong Deg	Lat Min/Sec Long Min/Sec	
atenals used and the information reported above are tr	e to my best knowledge and belief	Tax Parcel No.	-	40790	
Driller Trainee Name (Print)	Joe Staloeh			5 - N.	200
riller/Trainee Signature		Cased or Uncased I	Diameter	2.25" Static	Level N/
riller/Trainee License No.	2749	Work/Decommissio	n Start Date	01/23/2015	
		h	all allower and the	01/23/2015	5
ignature and License No.		Work/Decommissio	n Completed Date	0112012010	-
Construction/Design				Formation Description	
	— CONCRETE SUF — BACKFILL Ber	0 - 1	_FT 10 Grayish 14	brown sandy silt <u>- 15 F1</u> Iy sandy gravels <u>-</u> F1	r r
	Backfill bo bentonite o			- F1	
				- F1	ŗ
	1		V =	- F1	r
	Restore sur gravel.	face with	Ma	K 0 2 2015	r
			VVA CIL	logy (SWEO)	
	the second se		01200		
	DEPTH OF BORING	15	_FT	F1	ſ

Construction/Decommission	101-15-002	5(0234)	Type of Well	_	
Construction	101-10-002	.5(32.54)			
Decommission ORIGINAL INSTALLA	TION Notice		Geotechni	cal Soil Boring	
of Intent Number		Property Owner		ansdorf Gregerson	
		Site Address	1	415 E 17th St	
Consulting Firm PBS Enginee	ring Environmental	City	Vancouver	County	Clark
Geotechnical Soil Boring		Location 1	/4 NW 1/4 NE Sec	27 Tum 2	NR 1E or
Hole # B-3		200anon 1		i wa	ww
WELL CONSTRUCTION CERTIFICATION: I constructe	d and/or accept responsibility for	Lat/Long (s,t,r L	at Deg	Lat Min	
construction of this well, and its compliance with all Washin	gton well construction standards		long Deg		in/Sec
Materials used and the information reported above are true to	o my best knowledge and belief	Tax Parcel No.		40790	
Driller Trainee Name (Print)	Joe Staloch			and the second sec	
Driller/Trainee Signature	2749	Cased or Uncased	Diameter	2.25"	Static Level N
		Work/Decommissio	on Start Date	01/23/201	5
f trainee, licensed driller's				2.50	
Signature and License No.		Work/Decommissic	on Completed Date	01/23/20	015
Construction/Design			đ	Formation Descri	ption
				10	
	- CONCRETE SUR	FACE SEAL	<u>0</u>	<ul> <li>- 10</li> <li>n sandy silt</li> </ul>	FT
	Concident Son	ineb start		in sendy sit	
		0 - 1		- 14	FT
			Grayish	brown sandy sill	
			14	- 15	FT
			black/gra	y sandy gravels	5
•	- BACKFILL	1 - 15	FT	-	FT
	and the second		-		Ē
	Bent	onite chips			FT
			+		
			- I.		FT
	11				
	Soil samples	only no			FT
	ground water	나라가 잘 가지 귀엽다 같이 많이			FT
	taken.		· · · · · · · · · · · · · · · · · · ·		12/11
	14422210			-	FT
			REC	CEIVED	
			MAT	-	FT
				0 2 2015	
	DEPTH OF BORBIO	15		e L'epartme	
	DEPTH OF BORING	15	_FT of Ecol	ogy (SWRO	)

Geotechnical Soil Boring       B-1       Location       1/4 NV 1/4 NE       Sec       27 TWn 2N R, 1E or Wr         Well LOWSTUCTION CENTIFICATION:       Loward of the vell, and its compliance with all Washington well construction attainted       LatVing (st,r Lat Deg       LatVinnSec       Nor         Material sud and the information approximation approximation attainter       Joing Direg       LatVinnSec       Long Min/Sec         Differ/Trainee Name (Print)       Joe Station       Cased or Unexced Diameter       225"       Static Level _M         Driffer/Trainee License No.       2749       Work/Decommission Start Date       01/23/2015         If trainee, licensed driffer's       Signature and License No.       2749       Work/Decommission Completed Date       01/23/2015         If trainee, licensed driffer's       Construction/Design       Formation Description       0       - 10       FT         Construction/Design       Construction/Design       Formation Description       FT       FT         BACKFILL       1       - 20       FT       FT         BackKFILL       1       - 20       FT         Soil samples only no       FT       FT         Soil samples only no       FT		Construction/Decommis	ssion	101-15-002	5(9234)	Type of Wel	1	
Consulting Firm       PBS Engineering Environmental       Site Address       415 E 17/h St         Geotechnical Soil Boring       County       Clark         Hole #       B-1       Location       1/4 NW       1/4 NE       Sec       27 Twn 2N R 1E or         WWLL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards       Lat/Long (s,t,r Lat Deg       Lat Min/Sec         Materials used and the information reported above are true to my best knowledge and belief       Tax Parcel No.       40790         Driller/Trainee Name (Print)       Joe Stalgoch       Cased or Uncased Diameter       225"         Driller/Trainee License No.       2749       Work/Decommission Start Date       01/23/2015         If trainee, license No.       2749       Work/Decommission Completed Date       01/23/2015         If trainee, license No.       2749       Work/Decommission Completed Date       01/23/2015         Construction/Design       Construction/Design       Formation Description       0       -10       FT         Or - 1       FT       Grayish brown sandy silt       -14       20       FT         Used Construction/Design       BACKEII L       1       -20       FT       black/gray sandy gravels	1	Decommission ORIGI						
Geotechnical Soil Boring Hole #       B-1       Ew         WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards       Lat/Long (s,t,r Lat Deg       Lat Min/Sec         Materials used and the information reported above are true to my best knowledge and belief       Lat/Long (s,t,r Lat Deg       Lat Min/Sec         Materials used and the information reported above are true to my best knowledge and belief       Joe Staloch       Tax Parcel No.       40790         Driller/Trainee Signature       0255       Cased or Uncased       Diameter       225"       Static Level _N         Driller/Trainee License No.       2749       Work/Decommission Start Date       01/23/2015         Vork/Decommission Completed Date       01/23/2015       On - 10       FT         Construction/Design       Formation Description       0       - 10       FT         O - 1       FT       Diack/gray sandy gravels       FT       Diack/gray sandy gravels       EX				e de la company	and a contract of the second sec			
Geotechnical Soil Boring       B-1         Well CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards       Lat/Long (s,t,r Lat Deg Lat Min/Sec		Consulting Firm Pr	35 Engineer	ing Environmental	City	Vancouver	County	
WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards       Lat/Long (s,t,r Lat Deg Long Min/Sec			· · · · · · · · · · · · · · · · · · ·		Location	1/4 NW 1/4 NE See	27 Twn 2	
construction of this well, and its compliance with all Washington well construction standards       still Required) Long Deg Long Min/Sec         Materials used and the information reported above are true to my best knowledge and belief       Tax Parcel No	1	VELL CONSTRUCTION CERTIFI	CATION: I constructed	and/or accept responsibility for	Lat/Long (s,t,r	Lat Deg	Lat Min	
Driller Trainee Name (Print)       Joe Staloch       Tax Parter No.       407.90         Driller/Trainee Signature       Prosen R       Static LevelN         Driller/Trainee License No.       2749       Cased or Uncased Diameter       2.25"       Static LevelN         If trainee, licensed driller's       2749       Work/Decommission Start Date       01/23/2015         If trainee, license No.       1000000000000000000000000000000000000	4	onstruction of this well, and its com	pliance with all Washin	gton well construction standards				in/Sec
Driller/Trainee Signature       Image: Cased or Uncased Diameter       2.25"       Static Level_N         Driller/Trainee License No.       2749       Work/Decommission Start Date       01/23/2015         If trainee, licensed driller's       Signature and License No.       Image: Cased or Uncased Diameter       01/23/2015         Signature and License No.       Image: Cased or Uncased Diameter       01/23/2015       01/23/2015         Construction/Design       Formation Description       Image: Concrete SURFACE SEAL       Image: One of the origin of the origen of the origin of the origin of the origin of the origin of th	1				Tax Parcel No.		40790	
Driller/Trainee License No.       2749         Work/Decommission Start Date       01/23/2015         If trainee, license No.       1/23/2015         Construction/Design       Formation Description         Construction/Design       0         CONCRETE SURFACE SEAL       0         0       -         0       -         10       -         14       -         20       FT         black/gray sandy gravels       FT	-				Cased or Ungarad	Diamatar	0.05	Service Townships
Work/Decommission Start Date       01/23/2015         Work/Decommission Start Date       01/23/2015         Signature and License No.       Mork/Decommission Completed Date       01/23/2015         Construction/Design       Formation Description         CONCRETE SURFACE SEAL         0       -       10       -       10       FT         0       -       1       -       14       -       20       FT         BACKEUL       1       -       20       FT			1/oregan K		Cased or <u>Uncased</u>	Diameter	2.25	Static Level N
Signature and License No.       Image: Action 12749         Construction/Design       Formation Description         Image: Construction/Design       Image: Construction Description         Image: Construction/Design       Image: Construction Description         Image: Construction Description       Image: Construction Description         Image: Construction Descriptin	į				Work/Decommiss	ion Start Date	01/23/201	5
CONCRETE SURFACE SEAL FT GFT GFT GFT 			Joup 1	Sten 2749	Work/Decommissi	on Completed Date	01/23/2	015
CONCRETE SURFACE SEAL <u>0 - 1 FT</u> <u>10 - 14 FT</u> Grayish brown sandy silt <u>14 - 20 FT</u> black/gray sandy gravels	1	Construction/	Design				Formation Descri	ption
CONCRETE SURFACE SEAL CONCRETE SURFACE SEAL Drown sandy silt <u>10 - 14 FT</u> Grayish brown sandy silt <u>14 - 20 FT</u> BACKFILL <u>1 - 20 FT</u> BACKFILL <u>1 - 20 FT</u> Bentonite chips FT Soil samples only no ground water samples taken. TRECEIVED FT <u>Timn 0 2 2015 FT</u> <u>Timn 0 2 2015 FT</u> Timn 0 2 2015 FT							- 10	FT
Grayish brown sandy silt <u>14 - 20</u> FT black/gray sandy gravels FT				- CONCRETE SURI	FACE SEAL	brov		
Grayish brown sandy silt <u>14 - 20</u> FT black/gray sandy gravels FT			a an		0 - 1	FT 10	- 14	FT
black/gray sandy gravels			Education Classes				brown sandy sil	
black/gray sandy gravels						14	20	FT
BACKEUL 1 20 ET	ŀ							
Bentonite chipsFT Bentonite chipsFT Soil samples only no ground water samples takenFT <u>RECEIVED</u> FT <u>TAR 02 2015</u> FT WA State Department <u>UI Ecology (SWRO</u> )T				BACKEUI	4 00			
Bentonite chips     FT       Soil samples only no ground water samples taken.     FT       RECEIVED     FT       MAR 02 2015     FT       WA State Department Of Ecology (SWROFT				DACKFILL	1 - 20	-*1		- <sup>F1</sup>
Soil samples only no ground water samples taken.		Bent			onite chips			100
Soil samples only no ground water samples taken.				-			· · · · · · · · · · · · · · · · · · ·	¥T
Soil samples only no ground water samples taken.								
Soil samples only no ground water samples taken. FT RECEIVED FT WA State Department OIEcology (SWBOFT								- <sup>FT</sup>
ground water samples taken. FT RECEIVED FT <u>MAR 02 2015</u> FT WA State Department <u>OI Ecolôgy (SWBOFT</u>				Soil samples	only no			
taken. RECEIVED <sup>FT</sup> <u>MAR 02 2015</u> FT WA State Department <u>VIECOLOGY (SWROFT</u>	ł					· · · · · · · · · · · · · · · · · · ·	-	
DEPTH OF BORING 20 FT WA STATE DEPARTMENT	ï				A	1 1 1		P.P.
MECCET 0 22015 FT MAR 0 2 2015 FT WA State Department OF Ecology (SWROFT				C The Char		DE	CHIVEL	<u>}</u> יי
DEPTH OF BORING 20 FT WA STATE DEPARTMENT								ET
DEPTH OF BORING 20 FT WA STATE Department							AR 0 2 2015	-"
DEPTH OF BORING 20 FT OF ECOLOGY (SWHO)						WA ST	are Departm	nent
DEFITION BORING ZO FI				DEPTH OF BORING	20	FT OFEC	ology (SWP	

GEOTECHNICAL BOR SUBMIT ONE WELL REPORT PER WEL			CURRENT Notice of Intent No.	AE30927
Construction/Decommission	101-15-002	25(9234)	Type of Well	
Construction Decommission ORIGINAL INSTALLAT of Intent Number	TON Notice SE54117	Property Owner	Geotechnic	al Soil Boring nsdorf Gregerson
		Site Address		15 E 17th St
Consulting Firm PBS Engineer	ing Environmental	City	Vancouver	County Clark
Jeotechnical Soil Boring Jole # B-4		Location	1/4 <u>NW</u> 1/4 <u>NE</u> Sec	EWN <u>27</u> Twr. 2N R 1E or WW
/ELL CONSTRUCTION CERTIFICATION: I constructe onstruction of this well, and its compliance with all Washin	gton well construction standards	Lat/Long (s,t,r 1 still Required) 1	Lat Deg Long Deg	Lat Min/Sec Long Min/Sec
laterials used and the information reported above are true to	a my best knowledge and belief	Tax Parcel No.		40790
Driller Trainee Name (Print)	Joe Staloch	)		
Driller/Trainee Signature	-n Sha	Cased or Uncased	Diameter	2.25" Static Level N
Driller/Trainee License No.	2749	Work/Decommissi	ion Start Date	01/23/2015
f trainee, licensed driller's		Work/Decommissi	on Completed Date	01/23/2015
Construction/Design				Formation Description
-	- CONCRETE SUR			- 10 FT vn sandy silt
		0 - 1	10	- 14 FT brown sandy silt
•	- BACKFILL	1 - 15		- 15 FT y sandy gravels
				- FT
	Ber	ntonite chips		
	Backfill bo	ring with		<u> </u>
	bentonite o			<u>- FT</u>
				<u>- F</u> T
	Restore sur	face with		- <u>FT</u>
	gravel.		Ma	- FT .: C 2 2015
	DEPTH OF BORING	15	FT	Diogy (S'.M. O)

6	Construction/Decommission	1			ma of Wall			
	Construction	101-15-002	25(9234)	1	ype of Well			
	Decommission ORIGINAL INSTALLATION of Intent Number	Notice SE54117	Property Owne		Geotechnical] Lan	Soil Boring sdorf Gregerse	on	
CALLER AND ALL PARTY AND A			Site Address		41	5 E 17th St		-
	Consulting Firm PBS Engineering	Environmental	City	Vancouve	er	County	Clark	-
	Geotechnical Soil Boring Hole # B-2		Location	1/4 <u>NW</u> 1/4	NE Sec	27 Twr_	2N R 1E	ewi or ww
	VELL CONSTRUCTION CERTIFICATION: I constructed and/c onstruction of this well, and its compliance with all Washington w daterials used and the information reported above are true to my b	vell construction standards	Lat/Long (s,t,r still Required)	Lat Deg Long Deg		Lat M Long	in/Sec Min/Sec	
			Tax Parcel No.			40790		_
	Driller/Trainee Signature	Joe Statoch	Cased or Uncased	Diameter	_		Static Leve	el_N
			Work/Decommiss	tion Start Date		01/23/2	015	
	f trainee, licensed driller's		Work/Decommiss	ion Completed	Date	01/23	/2015	
	Construction/Design				Fo	ormation Desc	cription	
	10.00 0 0 0 000							
		CONCRETE SUR	FACE SEAL		0	- 10	FT	
			0 1	FT	brown	sandy silt		
					10	- 14	FT	
1					Grayish br	own sandy	silt	
				-	14	- 15	FT	
					black/gray			
	•	BACKFILL	_1 - 15	FT			FT	
		Bon	tonite chips			-	<u></u>	
		Den	norme criips					
						-	FT	
		Backfill bo	ring with					
		bentonite c	hips.				FT	
1							15.5	
						10	FT	
							4	
						-	FT	
		Restore sur	face with		5	AR 0220	ing ant	
		gravel.		- A	MAS	cology (S	Will Hereit	
					ofEc	cology (S	werno)	
		DEPTH OF BORING	15	FT			FT	
	· · · · · · · · · · · · · · · · · · ·							

GEOTECHNICAL BORING REPORT	CURRENT
(SUBMIT ONE WELL REPORT PER WELL INSTALLED)	Notice of Intent No.

AE30927

Construction/Decommission	101-15-002	25(9234)	Typ	e of Well		
Construction	Summer of the					
Decommission ORIGINAL INSTALL		Property Owne			Soil Boring sdorf Gregerso	
of Intent Number	ocorrin	Site Address			5 E 17th St	
Consulting Firm PBS Engine	ering Environmental	City	Vancouver		County	Clark
						EWM
Geotechnical Soil Boring Hole # B-	1	Location	1/4 NW 1/4	NE Sec	Twr	2N_R_1E_or 
VELL CONSTRUCTION CERTIFICATION: 1 constr	acted and/or accept responsibility for	Lat/Long (s,t,r still Required)	Lat Deg		Lat Mi	
onstruction of this well, and its compliance with all Wa faterials used and the information reported above are tr		still Required)	Long Deg		_ Long N	Ain/Sec
raterials used and the information reported above are to	de to my desi knowledge and bener	Tax Parcel No.			40790	
Driller Trainee Name (Print)	Jos Staloch					
Driller/Trainee Signature	- 1 Atin	Cased or Uncase	d Diameter		2.25"	Static Level N
Driller/Trainee License No.	2749	Work/Decommis	sion Start Date		01/23/2	015
f trainee, licensed driller's lignature and License No.	n Sen	Work/Decommis	sion Completed D	ate	01/23/	2015
Construction/Design				Fo	ormation Desc	ription
		FACE SEAL	FT -		- 10 sandy silt	FT
				10	- 14 rown sandy s	<u>FT</u> silt
				14	- 20	FT
					sandy grav	
•	-BACKFILL	1 - 20	and the second s	Jackylay	Sanuy yrav	CIS
		A	_			FT
	Ber	ntonite chips	e			
		Contract.				FT
			-			
	Backfill bo	oring with	4			1000
	bentonite c	chips.				FT
						FT
				RI	ECEIV	/ED
	a subscriber of the		-		MAR 022	015
	Restore sur	race with				
	gravel.				itele Depe	
				of E	cology (S	WRO)
	DEPTH OF BORING	20	FT		2.00	FT
			- 1 I I I			

Construction/Decommission	101-15-002	5(9234)	Type of Well	
Construction				
Decommission ORIGINAL INSTAL			Geotechnic	
of Intent Number		Property Owner Site Address		nsdorf Gregerson
Consulting Firm PBS Engine	ering Environmental	City	Vancouver	15 E 17th St County Clark
			and the second second	EWM
Geotechnical Soil Boring Hole # B	2	Location	1/4 NW 1/4 NE Sec	27 Twn 2N R 1E or ww
WELL CONSTRUCTION CERTIFICATION: 1 constr		Lat/Long (s,t,r 1	Lat Deg	
construction of this well, and its compliance with all W	shington well construction standards		ong Deg	
Materials used and the information reported above are t		Tax Parcel No.		40790
Driller Traince Name (Print)	Joe Stalech	) Crond on Unoncod	Diamatar	o of the Sector Level A
Driller/Trainee Signature	2749		Diameter	
		Work/Decommissi	on Start Date	01/23/2015
If traince, licensed driller's		Work/Decommissi	on Completed Date	01/23/2015
Signature and Elcense No.		WORK/DCCommission	on completed Date	
Construction/Design	1		F	ormation Description
			0	- 10 FT
	CONCRETE SUR	FACE SEAL	brow	n sandy silt
<ul> <li>A second s</li></ul>		0 - 1	FT 10	- 14 FT
	7.5.1			rown sandy silt
			14	- 15 FT
	1 A A A A A A A A A A A A A A A A A A A		black/gray	/ sandy gravels
	BACKFILL	1 - 15	FT	- FT
		11. The Art 1	-	
	Bent	tonite chips		- FT
				- FT
	Soil samples	s only no		- FT
	ground water	samples		and the second
	taken.		REC	EIVED FT
	1.17		100 100 100	0 2 2015
			A ALL ALL AND A	ET
		*	of Ecolo	gy (SWRO)
				FT
	DEPTH OF BORING	15	_FT	

GEOTECHNICAL BORING REPORT (SUBMIT ONE WELL REPORT PER WELL INSTALLED)		CURRENT Notice of Intent No. SE5411	7
Construction/Decommission 101-15-00	025(9234)	Type of Well	
Construction			
Decommission ORIGINAL INSTALLATION Notice of Intent Number	Property Owner	Geotechnical Soil Boring Lansdorf Gregerson	
	Site Address	415 E 17th St	-
Consulting Firm PBS Engineering Environmenta	I City v	/ancouver County Clark	1.4
Geotechnical Soil Boring Hole # B-4	-	<u>NW 1/4 NE</u> Sec <u>27 Twn 2N R 1E</u>	OF WWM
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards		Deg Lat Min/Sec	_
	still Required) Long		
Materials used and the information reported above are true to my best knowledge and belief	Tax Parcel No.	40790	_
Driller Trainee Name (Print) Joe Staloch Driller/Trainee Signature			
Driller/Trainee License No. 2749	Cased or Uncased Diar	meter 2.25" Static Leve	N/.
	- Work/Decommission St	tart Date 01/23/2015	
If trainee, licensed driller's	]		-
Signature and License No.	Work/Decommission Co	ompleted Date 01/23/2015	
	1		
Construction/Design		Formation Description	
Constants Harris and Philipping Constants			
CONCRETE SUI	PEACE SEAL	<u>0 - 10</u> FT	
CONCRETE SU	AFACE SEAL	brown sandy silt	
	0 - 1 F	т 10 - 14 FT	
		Grayish brown sandy silt	
		<u>14 - 15</u> FT	
		black/gray sandy gravels	
BACKFILL	1 - 15 F	r – FT	
Ber	ntonite chips		
		FT	
		• FT	
Soil sample	s only no		
ground wate		FT	
	r sampres		
taken.		FT	
		-RECEIVED FT	
		MAR 0.2 2015 FT	
DEPTH OF BORING	15 FT		
		of Ecology (SWRO)	

1

(SUBMIT	<b>CONE WELL REPORT PE</b> tion/Decommission ("x" in b		CURRENT	Type of Well ("x in box)	23431 495105
🖾 Decon	nmission L INSTALLATION Notice of I	ntent Number:		Geotech Soil Boring & M MIDDEN LLC W MILL PLAIN BLVD	
	g Firm			R County CLARK	
WELL CO accept respon Washington v	cology Well IDTag No DNSTRUCTION CERTIFICA nsibility for construction of this well, well construction standards. Materia ie to my best knowledge and belief.	TION: I constructed and/or and its compliance with all	EWM 🛛 or WWM Lat/Long (s, t, r still REQUIRED)	Lat Deg Min Long DegMin	Sec
Name (Print ) Driller/Eng	Engineer [] Trainee Last, First Name) <u>JOHNSON, MAR</u> gineer /Trainee Signature Trainee License No. <u>3040</u>	us harces	Cased or Uncased	Diameter <u>1.5"</u> Static L on Start Date 8/22/2013	evel <u>N/A</u>
If trainee,	, licensed driller's Signature	and License Number:		on Completed Date 8/22/2013	}
0'	Construction Design (Ground Surface)	Well SOIL VAPOR SAN USING 1.5" DIREC METHOD FROM C BACKFILLED WIT BENTONITE CHIF	IPLE TAKEN BY CT PUSH J'-10' H .25 BAG OF	SANDS	0'-10
10'				RECE OCT 22 WA State D of Ecology	2 2013 epartment

l Report.	RESO	URC		•	nt, sign and return	•	nt of Ecology Notice of Intent No. <u>A</u>	E23431					
this Well I	Construct	tion/De uction nmissio	WELL REPORT PER ecommission ("x" in bo on ALLATION Notice of In	ox)	,	Property Owner O	Type of Well ("x in box) ☐ Resource Protection ☑ Geotech Soil Boring & M MIDDEN LLC	495106					
o	SE49218					• • • · · · · · · · · · · · · · · · · ·							
<u></u> :			Well IDTag No										
Information	WELL CC accept respon	) NSTR nsibility	UCTION CERTIFICA for construction of this well, a struction standards. Materials	TION and its	J: I constructed and/or compliance with all	EWM 🛛 or WWM	Sec						
Ξ			best knowledge and belief.	5 4564	and the information reported	still REQUIRED)	Long DegMin						
the	Driller 🗆	] Engin	eer 🔲 Trainee		-	Tax Parcel No	20115 205iiiii						
	Name (Print	Last, Fir	st Name) JOHNSON, MARC	<u>cus</u>			Diameter 1.5" Static	Level N/A					
õ	Driller/En	gineer Trainer	/Trainee Signature License No. 3040	ncer	cus for								
and/or			·····				on Start Date <u>8/22/2013</u>						
l al	If trainee.	licens	ed driller's Signature	and	License Number:	Work/Decommissi	ion Completed Date 8/22/2013						
Data													
õ		Cons	truction Design		Well	Data	Formation De	scription					
The Department of Ecology does NOT Warranty the	0'		(Ground Surface)		SOIL VAPOR SAM USING 1.5" DIREC METHOD FROM 0 BACKFILLED WITH BENTONITE CHIP	2T PUSH '-10' H .25 BAG OF		0'-10' EIVED 2 2 2013					
	10'						WA State of Ecold	itment igy (SWRO)					

P.09/10 206 485 4368 CASCADE DRILLING JAN-03-1997 18:03 **RESOURCE PROTECTION WELL REPORT** Wasturnal Roperties START CARD NO. A18860 COUNTY: CLARK PROJECT NAME: (PARKING-10T LOCATION: NWA NEW SOC 27 TWAZA ALE WELL IDENTIFICATION NO. -DRILLING METHOD: PROBE/Soil Sample STREET ADDRESS OF WELL: Between W. 15th & Main and a 16 th quillstungton lancouter DRILLER: Michael Kehloch FIRM: Cascade Drilling, Inc. WATER LEVEL ELEVATION: \_\_ M.E. GROUND SURFACE ELEVATION:  $N/\Lambda$ SIGNATURE: INSTALLED: 1-6-97 CONSULTING FIRM: NW ENVIROCEN REPRESENTATIVE: NEFF- IACKMAN DEVELOPED: 7002 AS-OUILT WELL DATA FORMATION DESCRIPTION <u>o-.5 ft.</u> Asplact & BASE CONCRETE SURFACE SEAL ٤ **'**1' 53 Et. FILL MATERIAL Brick, GRAVEL, SAND 3-10EL. Light Brown Silty SANC BACKFILL BENTONITE GrANULES r 1 depth of doring D O " SCALE: 1" = . \_\_\_\_\_0r PAGE \_\_\_\_ ECY 050-12 (Rev. 11/09)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

206 485 4368 P.08.10 CASCADE DRILLING JAN-00-1997 18:00 RESOURCE PROTECTION WELL REPORT Westwind Properties START CARD NO. A18860 PROJECT NAME: (PARKING-LOT COUNTY: CRARK LOCATION: NWW NEV SOOZI TWO ZN A LE WELL IDENTIFICATION NO. ORILLING METHOD: PROBE/Stri Sample STREET ADDRESS OF WELL: Behuren W. 15th & Main and a 16th quillington Vancente ORILLEN: Michael Kchlock FIRM: Cascade Drilling, Ip א/א WATER LEVEL ELEVATION: \_\_ M.R. GROUND SURFACE ELEVATION: \_\_N/A la -SIGNATURE: CONSULTING FIRM: NW ENVIROCON INSTALLED: REPRESENTATIVE: NEFFN/ACKMAN DEVELOPED: 7002 AS-DUILT WELL DATA FORMATION DESCRIPTION Т j <u>o-.5 et.</u> Asphalt & Base Rock <u>.5-3 et.</u> Fiel Material (Brick) 1 CONCRETE SURFACE SEAL 1 ٦٣ BACKFILL BENTONITE BRANULES ft. 9 7 Т Ŧ لأنبا ر م. ا · .. т DEPTH OF BORING  $\underline{\mathcal{I}}'$ SCALE: 17 = . PAGE \_\_\_\_OF\_

ECY 050-12 (Nov. 11/09)

CASCADE DRILL 206 485 4368 P.08/10 JAN-03-1997 18:02 RESOURCE PROTECTION WELL REPORT Westuind Rooperties STATT CARD NO. 418760 COUNTY: CHARK PROJECT NAME: (PARKING-LOT LOCATION NWW NEW SOC 27 TWM ZN IT IE WELL IDENTIFICATION NO. Ma ORILLING METHOD: PROBE/STAI Sumple STREET ADDRESS OF WELL: Behulcen W. 15th & Main DRILLER: Michael Kehloch and a 16to 9 mastungton Voucouter FIRM: Cascade Drilling, Ip WATER LEVEL ELEVATION: \_ M.K.F SIGNATURE: GROUND SURFACE ELEVATION: \_ N/A ۰. CONSULTING FIRM: NW ENVIROCON INSTALLED: REPRESENTATIVE: VEFT ACKMAN · DEVELOPED: 7000-AS-DUILT WELL DATA FORMATION DESCRIPTION <u>o\_.5 st.</u> Asphalt & Base Rack CONCRETE SURFACE SEAL BACKFILL BENTENTITE Brannes <u>S-3 st.</u> Fill MATERIAL (Brick) DEPTH OF BORING  $\overline{\mathbf{3}}$  ' SCALE: 1"+ PAGE OF ECY 050-12 (Nov. 11/09)

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The Department of Ecology does NOT Warranty the Data and/or the Information

206 485 4368 P.08/10 CASCADE DRILLING JAN-03-1997 18:02 **RESOURCE PROTECTION WELL REPORT** Wastwind Properties START CARD NO. A18860 PROJECT NAME: (PAKKING 10T CLARK COUNTY: LOCATION NWW NEW Son 27 Tum 2N A IE WELL IDENTIFICATION NO. ORILLING METHOD: PROBE/ Spil Sample STREET ADDRESS OF WELL: Bebucen W. 15th Flain Michael Kehlock and a 16th questington Vancouter DRILLER: MAM: Cascade Drilling, N/A WATER LEVEL ELEVATION: GROUND SURFACE EVENATION: N/A SIGNATURE CONSULTING FIRM: NW ENVIROCON INSTALLED: REPRESENTATIVE: NEFF. JACKMAN DEVELOPED: 7002 AS-BUILT WELL DATA FORMATION DESCRIPTION Asphalt & Base Rock CONCRETE SURFACE SEAL BROGHLE BENTONITE BRANULES Fill MATERIAL (Brick) ft. ن را برا 1 DEPTH OF BORING 3 'O" SCALE: 1"= PAGE OF ECY 050-12 (Trov. 11/09)

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CASCADE DRILLING 206 485 4368 P.09/10 JAN-03-1997 18:03 **RESOURCE PROTECTION WELL REPORT** Westwind Properties START CARD NO. A18860 PROJECT NAME: PAKKING-18T CLARK COUNTY: LOCATION NOCH NEW SOC 27 TWO 2N R IE WELL IDENTIFICATION NO. DRILLING METHOD: PROBE/Stoil Sample STREET ADDRESS OF WELL: Behulcen W. 15th + Main DRILLER: Michael Kihloch and a 16 to of washington tancouter FIRM: Cascade Drilling, Inc WATER LEVEL ELEVATION: \_\_\_ SIGNATURE:\_ M .[2. GROUND SURFACE ELEVATION:  $N/\Lambda$ CONSULTING FIRM: NW ENVIROCON INSTALLED: REPRESENTATIVE: VEFFVACKMAN DEVELOPED: AS-OUILT WELL DATA FORMATION DESCRIPTION <u>o - 15 ft.</u> Asplact & BASE CONCRETE SURFACE SEAL 5-3 Et. FILL MATERIAL Brick, GRAVEL, SAND 3-10EL. Light Brown Silty SANC BACKFILL BENTENITE GrANULES DEPTH OF BORING DO SCALE: 1" ... OF ÷. ECY 050-12 (Nev. 11/09)

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CASCADE DRILLING 206 1485 4368 P.09/10 JAN-05-1997 18:03 **RESOURCE PROTECTION WELL REPORT** STATT CAND NO. A18860 Westwind Properties PROJECT NAME: PAKKING-10T CLARK COUNTY: LOCATION NULLA NE 14 SOC 27 TWO 2N R 1E WELL IDENTIFICATION NO. \_\_\_\_\_\_ DRILLING METHOD:\_\_\_\_\_\_\_\_ STREET ADDRESS OF WELL: Behulcen W. 15th & Main and a 16th of washington, Varicouter ORALER: Michael Keh FIRM: Cascade Drilling, In WATER LEVEL ELEVATION: GROUND SURFACE ELEVATION:  $N/\Lambda$ Ec. SIGNATURE: CONSULTING FIRM: NW ENVIROCEN INSTALLED: REPRESENTATIVE: VEFF ACKMAN DEVELOPED: 7002 WELL DATA AS-BUILT FORMATION DESCRIPTION <u>o-15 ft.</u> Asplact & BASE Kock CONCRETE SURFACE SEAL 53 Et. FILL MATERIAL Brick, GRAVEL, SAND 3-10EL. Light Brown Sitty SAND BACKFILL BENTONITE GrANULES DEPTH OF BORING /U 'O SCALE: 1" . PAGE OF ECY 050-12 (Nov. 11/09)

206 485 4368 P.09/10 CASCADE DRILLING JAN-03-1997 18:03 **RESOURCE PROTECTION WELL REPORT** START CARD NO. 418860 Westwind Properties PROJECT NAME: (PAKKING-18T COUNTY: CLARK LOCATION: NWA NEW SOC 27 TWAZA R IE STREET ADDRESS OF WELL: Between W. 15th & Main and as 16th of masturg ton Vasicenter DRILLER: Michael Kchloch FIRM: Cascade Drilling, Inc WATER LEVEL ELEVATION: \_ GROUND SURFACE ELEVATION:  $N/\lambda$ SIGNATURE: 1 ula CONSULTING FIRM: NW ENVIROCEN INSTALLED: REPRESENTATIVE: NEFF ACKMAN · DEVELOPED: \_ 7002 AS-8UILT FORMATION DESCRIPTION WELL DATA <u>o-15 st.</u> Asplact & BASE CONCRETE SURFACE SEAL 53 Et. Fill MATERIAL Brick, GRAVEL, SAND 3-10EL. Light Brown Sitty SANC BACKFILL BENTONITE GrANULES 1 DEPTH OF BOLING 10 10 " SCALE: 1" -\_ PAGE OF ÷, ECY 050-12 (Nov. 11/09)

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CASCADE DRILLING 206 485 4368 JAN-03-1997 18:03 **RESOURCE PROTECTION WELL REPORT** Westwind Properties START CARD NO. A1881 PROJECTNAME: (PARKING-10T CLARK. COUNTY: WELL IDENTIFICATION NO. - Was DRILLING METHOD: PROBE/Stoil Sample LOCATION: NUV NE 11 SOC27 TWO2N TI-1E STREET ADDRESS OF WELL: Behulen Wils AMan and a 16to of washington Vancover DRILLER: Michael Kehloch FIRM: Cascade Drilling, Inc. WATER LEVEL ELEVATION: SIGNATURE: M SE GROUND SURFACE ELEVATION:  $N/\lambda$ CONSULTING FIRM: NEW ENVIROCEN INSTALLED: REPRESENTATIVE: JEFF JACKMAN DEVELOPED: 700 2-AS-BUILT WELL DATA FORMATION DESCRIPTION Asplact + BASE CONCRETE SURFACE SEAL And the second second 53 Et. FILL MATERIAL BRICK, GRAVEL, SAM 3-10 Et. Light Brown Silty SAND BACKFILL BENTONITE GrANULES DEPTH OF BORING 10 " " SCALE: 1"= PAGE ·· . OF ECY 050-12 (Tiev, 11/09)

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206 485 4368 N P.09/10 COSCODE DRILLING JAN-03-1997 18:03 **RESOURCE PROTECTION WELL REPORT** stestundProperties START CARD NO. A18860 PROJECT NAME: (PAKKING-10T) CLARK COUNTY: WELL IDENTIFICATION NO. \_\_\_\_\_ DRILLING METHOD:\_\_\_\_\_\_\_\_ LOCATION: NW NEW SOC 27 TWN 2N N IE STREET ADDRESS OF WELL: Between W. 15th & Main and a 16th of washington Vancoule DAILLER Michael Kehloch FIRM: Cascade Drilling, Inc. WATER LEVEL ELEVATION: \_M.S. GROUND SURFACE ELEVATION: N/A SIGNATURE: CONSULTING FIRM: NW ENVIROCON INSTALLED: REPRESENTATIVE: VEFT ACKMAN DEVELOPED: 7002 AS-OUILT Standard WELL DATA FORMATION DESCRIPTION 0-15 Et. Asplact & BASE CONCRETE SURFACE SEAL 53 Et. Fill MATERIAL Brick, GRAVEL, SAND 3-1CIEL. Light Brown Silty SANC BACKFILL BENTENITE GrANULES DEPTH OF BORING /U 'O' SCALE: 1" = PAGE 06 ۰. ECY 050-12 (Nov. 11/09)

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JAN-03-1997 18:03 206 485 4368 P.09/10 **RESOURCE PROTECTION WELL REPORT** START CARD NO. A18860 Vesturna properties CLARK PROJECT NAME: COUNTY: LOCATION: NOCH NEW SOC 27 TWOZN NIE WELL IDENTIFICATION NO. ORKLING METHOD: PROBE/Soil Sumple STREET ADDRESS OF WELL: Between W. 15th & Man and a 16th of washington lancouter DRILLER: Michael Kihloch FIRM: Cascade Drilling, In WATER LEVEL ELEVATION: GROUND SURFACE ELEVATION:  $\underline{N/\Lambda}$ SIGNATURE: CONSULTING FIRME NW ENVIROCEN INSTALLED: REPRESENTATIVE: VEFT ACKMAN DEVELOPED: 7002 AS-OULT WELL DATA FORMATION DESCRIPTION <u>o-15tt</u> Asplatt & BASE CONCRETE SURFACE SEAL 53 Et. Fill MATERIAL Brick, Gravel, SAND 3-10EL. Light Brown Silty SAND BACKFILL BENTENITE GrANULES ្មា 550 DEPTH OF BORING /U 'O State State State SCALE: 1" .... PAGE OF e, ECY 050-12 (Nev, 11/09)

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CASCADE DRILLING 205 485 4368 P.09/10 JAN-03-1997 18:03 **RESOURCE PROTECTION WELL REPORT** Westwind Reperties START CARD NO. A18860 PROJECT NAME: \_[ [ CLARK COUNTY: WELL IDENTIFICATION NO. LOCATION NEW NEW SORT TWO ZN A LE DRILLING METHOD: PROBE / Stoil Sample STREET ADDRESS OF WELL: Between W. 15th + Mar and a 16th of washington Vancouler ORILLER: Michael Ki FIRM: Cascade Drilling, N/AWATER LEVEL ELEVATION: \_ SIGNATURE: GROUND SURFACE ELEVATION: N/A CONSULTING FIRM:\_\_\_\_\_ W Envirocen INSTALLED: REPRESENTATIVE: VEFT IACKMAN DEVELOPED: 7005 AS-OULT WELL DATA FORMATION DESCRIPTION A. 84 8 4 8 4 CONCRETE SURFACE SEAL Asplact & Br BACKFILL BENTENITE 5-3 EE. Fill Material Brick Gravel, Sand <u>3-10FE.</u> Light Brown Silty SANd GrANULES 9.5 DEPTH OF BORING 10 0 SCALE: 1 PAGE OF ۰, ECY 050-12 (Nov. 11/09)

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CASCADE DRILLING 206 485 4368 P.09/10 JAN-03-1997 18:03 **RESOURCE PROTECTION WELL REPORT** Wastund Roperties STANT CAND NO. A18860 PROJECT NAME: (PAKKING-197 COUNTY: CLARK WELL IDENTIFICATION NO. LOCATION: NULLA NEW SOC 217 TWO 2N R 1E DRILLING METHOD: PROBE/Soil Sumple STREET ADDRESS OF WELL: Between W. 15th & Main and a 16to of washington Vancon by DARLER: Michael Kehloch FIRM: Cascade Drilling, Inc. WATER LEVEL ELEVATION: \_\_\_\_\_ N/1 SIGNATURE:\_ Unter GROUND SURFACE ELEVATION: N/A CONSULTING FIRM: NW ENVIROCEN INSTALLED: REPRESENTATIVE: VEFF ACKMAN DEVELOPED: 7002 AS-DUILT WELL DATA FORMATION DESCRIPTION. the second as a second and the second as a second 0 - 15 ft. Asplact + BASE CONCRETE SURFACE SEAL BACKFILLE DENTEN +E Fill MATERIAL Fill MATERIAL (Brick, Gravel, SAND GrANULES 3-10m. Light Brown Silty SHAND DEPTH OF BORING /U 'C " SCALE: 1"= PAGE OF. ۰. ECY 050-12 (Nov. 11/09)

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CASCADE DRILLING 206 485 4368 P.09/10 JAN-03-1997 18:03 **RESOURCE PROTECTION WELL REPORT** Watwind Properties START CARD NO. A18860 PROJECT NAME: [PAKKING-107 CLARK\_ COUNTY: WELL IDENTIFICATION NO. LOCATION: NAM NEW SOC 27 TWN 21 n 1E DRILLING METHOD: PROBE/Soil Sample STREET ADDRESS OF WELL: Ochulcon W. 15th + Main and a 16th quitslungton lancouter DRILLER: Michael Kihloch FIRM: Cascade Drilling, Inc WATER LEVEL ELEVATION: SIGNATURE: GROUND SURFACE ELEVATION:  $N/\lambda$ CONSULTING FIRM: NW ENVIROCEN INSTALLED: REPRESENTATIVE: NEFF ACKMAN DEVELOPED: 700 Z AS-BUILT WELL DATA FORMATION DESCRIPTION ASPLACE + BASEL CONCRETE SURFACE SEAL BACKFILL BENTENITE 5-3 Et. Fill Material Brield, Gravel, Sam GrANULES <u>3-10<sub>fr.</u> Light Brown Silty SHNC</u></sub> 'n, DEPTH OF BORING SCALE: 1" -PAGE Cor ECY 050-12 (Nev. 11/09)

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Job Number: XL-3604-C Boring: CRC-TR-04P-11

## Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION	WELL REPORT	CURRENT	Notice of Inte	ent No
(SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box). ☑ Construction □ Decommission			Type of Well	("x in box)
ORIGINAL INSTALLATION Notice of Inter	at Number:	Property Owner <u>W</u>		
		Site Address Vic o	of E.15th, and Wasl	hington st.
Consulting Firm WSDOT		City		
Unique Ecology Well IDTag No. <u>BCH-77</u>	0	•		c <u>27</u> Twn <u>2N</u> R <u>1</u>
WELL CONSTRUCTION CERTIFICATIO accept responsibility for construction of this well, and i Washington well construction standards. Materials use above are true to my best knowledge and belief.	its compliance with all	EWM 🔀 or WWM Lat/Long (s, t, r still REQUIRED)	Lat Deg	MinSec
X Driller       Engineer         Trainee       Name (Print Last, First Name)	. 20	Tax Parcel No		MinSec
Driller/Engineer /Trainee Signature	1/L	Cased r Uncased I	Diameter6"	Static Level
Driller or Trainee License No. 2742	<u></u>	Work/Decommissio	on Start Date	9/20/2011
If trainee, licensed driller's Signature and	l License Number:	Work/Decommissic	on Completed Da	nte9/21/2011
Construction Design	Well I	Data	For	nation Description
0 - 1.5 ft			0 - 14 ft	Gravel with sand and silt
Top Seal			14 - 16 ft	Silt
			16 - 18 ft	Sand with silt
1.5 - 5 ft Pipe in bentonite			18 - 33 ft	Sand
			33 - 38 ft	Sand with silt
5 - 25 ft			38 - 63 ft	Sand
Screen in sand			63 - 73 ft	Sand with silt
			73 - 88 ft	Sand
25 - 119.5 ft Bottom seal			88 - 93 ft	Sand with silt
			93 - 105 ft	Sand
			105 - 106 ft	Gravel
			106 - 119.5 ft	Sand
				RECEIVED
				6 Library Say Kanas I V Gaun Ban
				DEC 072011
				A State Department of Ecology (SWRO)
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ECY 050-12 (Rev. 7/06)

SCALE: 1"= \_\_\_\_ PAGE \_1\_\_ OF \_1

Ecology is an Equal Opportunity Employer

7		Vashing Departme	ton St ent of	ate Trans	portat	ion			LO	G OF	TES	T	BORING Start Card <u>S-42697</u>
	Job No.	XL-360	)4-C		S	R _5	5			Eleva	ation	ft	HOLE No. <u>CRC-TR-02-1</u> 1
	Project	Columb	ia Riv	ver Cro	ossing	Transit	Strue	ctures P	hase	e 2			Driller <u>Henderson, Danny</u> Lic# 2742
Site A	ddress .	Vic of E	st.15	th. + V	Vashir	ngton st.		- <del>-</del>					Inspector Harvey, Thomas #2599
	Start	Septemb	ber 6,	2011	Cor	mpletion S	Septe	ember 1	3, 20	011 We	I ID#		EquipmentCME 850 (9C2-2) - AH
	Station _	0.				Offset	0.			-	lole Dia inches)	6	6 Method Mud Rotary
N	lorthing	117045	.50		_	Easting _	108	4876.40	)	Col	ected by	, н	HQ Geotech Division Datum NAD 83_91(HARN) StatePlaneSouth
	County	06-Clar	k		Sul	osection _	NW	/1/4 of N	E1/4	1			Section 27 Range 1EWM Township 2N
Depth (ft)	Elevation (ft)	Profile	◆ ♣ 2	Mois RQE				Blows/6" (N) and/or RQD FF	"Sample Type	Sample No.) (Tube No.)	Lab	iesis	Description of Material RECEIVE
5-			•					2 2 (4) 3 5 (8)	X	D-1			DEC 0.7 2011 WA State Departm of Ecology (SWR( Silty SAND, very loose Brown, wet, homogeneous, HCI not tested Length Recovered:0:8 ft. Length Retained:0.8 ft. Silty SAND, Trace Organics, loose, Brown, moist, stratified, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.
10			•					3 4 5 (9) 4 4 4 5 (9)		D-3			Silty SAND, loose, Brown, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft. Silty SAND, loose, Brown, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.
- 15—		× × × × × × ×	•< •					6 5 (11) 3 5 6		D-5 D-6			Silty SAND, medium dense, Brown, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft. Silty SAND, medium dense, Brown, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.
		× × × × × ×						(11) 11 11 9 (20)		D-7			Poorly graded SAND with gravel, medium dense, brownish/gray, moist, homogeneous, HCl not tested. Length Recovered:0.8 ft. Length Retained:0.8 ft.

			Vashingt Departme	ton Sta ent of T	ate Fransp	ortation	I		LO	G OF	T T	EST	BORING Start Card <u>S-42697</u>		
		.lob No.	XL-360	)4-C		SR	5			Flev	ation	n_ <u>ft</u>	HOLE No. CRC-TR-02-1		
									,				Sheet <u>2</u> of <u>7</u>		
[		Project	Columb	ia Rive	er Cros	ssing Tr	ansit Stru	uctures P	hase	2	1		Driller _ Henderson, Danny	Lic#	2742
	Depth (ft)	Elevation (ft)	Profile	<ul> <li>◆</li> <li>●</li> <li>●</li> <li>20</li> </ul>	Moistu RQD	60 FT (N)	nt 80	Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab	Tests	Description of Material	Groundwater	Instrument
	-							8 11 13 (24)	X	D-8			Well graded SAND with gravel, medium dense, brownish/gray, wet, homogeneous, HCl not tested, SPT Test 20ft. To 70ft Length Recovered:0.5 ft. Length Retained:0.5 ft.		
	- 25 — -		. <u> </u>		1               			9 10 11 (21)		D-9			Poorly graded SAND, Trace Silt, medium dense, brownish/gray, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
					• • • • •			11 12 12 (24)	X	D-10	1 (S)		Poorly graded SAND, medium dense, brownish/gray, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1,5 ft.		
SOIL.GDT 9/19/11	35—			· · · · · · · · · · · · · · · · · · ·				10 11 12 (23)		D-11			Poorly graded SAND, medium dense, brownish/gray, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
SOILA_TEST XL-3604 CRC TRANSIT STRUCTURES.GPJ SOIL.GDT 9/19/11	40							9 12 10 (22)		D-12			Poorly graded SAND, medium dense, brownish/gray, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft. <b>RECEN</b> DEC 072		
SOILA_TEST	45				     	   	     	*					ອີໄດ້ ບໍ່7 ໄດ້ WA State ມອມລ of Ecology (S	uun WR	ent D)

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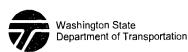
	7		Washingt Departme	on State ent of Transporta	ation		LO	g of	TEST	BORING Start Card <u>S-42697</u>		
		Job No	XL-360	14-C	SR _5_			Elev	ation <u>ft</u>	HOLE No. <u>CRC-TR-02-1</u> 1		
			Calumb	ia River C <b>r</b> ossin	a Transit Otm	unturna D		2		Sheet <u>3</u> of <u>7</u>		
	Depth (ft)	Elevation (ft)	Profile	<ul> <li>Field SPT</li> <li>Moisture 0</li> <li>RQD</li> </ul>	(N) Content	Blows/6" (N) and/or RQD FF	T	Sample No. (Tube No.)	Lab Tests	Driller <u>Henderson, Danny</u> Description of Material	Groundwater	Instrument
					60 80	12 13 12 (25)	X	D-13		Poorly graded SAND, medium dense, brownish/gray, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
	50 — - -					13 18 19 (37)	X	D-14		Poorly graded SAND, dense, brownish/gray, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
						20 27 32 (59)	X	D-15		Poorly graded SAND, very dense, brownish/gray, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
.GPJ SOIL.GDT 9/19/11	60			• • • • • • • • • • • • • • • • • • •		14 16 19 (35)	X	D-16		Poorly graded SAND, dense, brownish/gray, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
SOILA_TEST_XL-3604 CRC TRANSIT STRUCTURES.GPJ_SOIL.GDT_9/19/11	65 —					16 26 28 (54)	X	D-17		Poorly graded SAND, very dense, brownish/gray, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.		
SOILA_TEST_XL-3										DEC 0 7 20 WA State ספטס of Ecology (S	][1_	

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		Departme			SI		5			Elev	ation	_ft	Start Card <u>S-42697</u> HOLE No. <u>CRC-TR-02-11</u> Sheet <u>4</u> of <u>7</u>
	Project_	Columb	ia Rive	er Cro	ssing	Trans	sit Stru	ctures F	has	e 2			Driller Henderson, Danny Lic# 2742
Depth (ft)	Elevation (ft)	Profile	♦ ₽ ∅	RQD	ure Co	ntent	30	Blows/6' (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab	Tests	Description of Material
-								15 20 19 (39)	X	D-18			Poorly graded SAND, dense, brownish/gray, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.
- 75—				               	- -	•		19 27 41 (68)		D-19			Poorly graded SAND, very dense, brownish/gray, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.
80 -		0			•			22 26 26 (52)	X	D-20			Poorly graded SÄND, Trace Gravel, very dense, brownish/gray, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.
						8 S		21) 29 27 (56)		D-21		\$	Poorly graded SAND, Trace Gravel, very dense, brownish/gray, moist, homogeneous, HCl not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.
- 00						>		18 20 19 (39)		D-22			Poorly graded SAND, Trace Gravel, dense, brownish/gray, moist, homogeneous, HCI not tested, Over Reamed HWT to 90ft Length Recovered:1.5 ft. Length Retained:1.5 ft. RECEIVE DEC-07 2011
_		0				٠		29 33	Y	D-23			WA State Departing of Ecology (SW) Poorly graded SAND, very dense, brownish/gray, moist, homogeneous, HCI not tested, Gravels at 98ft

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LOG OF TEST BORING

Start Card S-42697

Instrument

HOLE No. \_CRC-TR-02-11 Job No. XL-3604-C Elevation ft 5 SR Sheet 6 of 7 Project Columbia River Crossing Transit Structures Phase 2 Driller \_Henderson, Danny Lic# 2742 Blows/6" (N) and/or RQD FF Sample No. (Tube No.) Field SPT (N) Sample Type € Groundwate Depth (ft) Profile Lab Tests Elevation ÷ Moisture Content Description of Material  $\square$ RQD 20 40 60 80 .... Length Recovered:0.3 ft. Length Retained:0.3 ft. >>� 50/1" D-29 No Recovery (REF) 125 ->> 50/5" D-30 Poorly graded GRAVEL, sub-rounded, very dense, gray, (REF) moist, homogeneous, HCI not tested. Length Recovered:0.5 ft. Length Retained:0.5 ft. 130 -G A ROA 50/5" Poorly graded GRAVEL, sub-rounded, very dense, gray, moist, homogeneous, HCI not tested. D-31 135-Length Recovered:0.5 ft. Length Retained:0.5 ft. >>♦ Poorly graded GRAVEL with sand, sub-rounded, very dense, brownish/gray, wet, homogeneous, HCI not 42 D-32 "50/3"  $\overline{\Sigma}$ The state  $U_{evaluation}$  is the s 140 (REF) tested. Length Recovered:0.8 ft. Length Retained:0.8 ft. The implied accuracy of the borehole location information displayed on this boring log is typically sub-meter in (X,Y) when collected by the HQ Geotech 145

9/19/11

SOILA\_TEST\_XL-3604 CRC\_TRANSIT STRUCTURES.GPJ\_SOIL.GDT

	Job No.	XL-360	)4-C	_	SR .	5 Isit Str	uctures P	Ele		TEST	BORING         Start Card         Start Card<	27.
Depth (ft)	Elevation (ft)	Profile	◆ ♣ ∅	Field SPT Moisture ( RQD	(N) Content		Blows/6" (N) and/or RQD FF	Г <sup>–</sup>		Lab Tests	Description of Material	· · · · ·
	-		20	40       	60     	80       					Division and sub-centimeter in (X,Y,Z) when collected by the Region Survey Crew.	_
- 150 —											End of test hole boring at 139.8 ft below ground elevation. This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data. Note: REF = SPT Refusal	
										6	Bail/Recharge test: Hole Diameter: 6 Depth of boring, during bail test: 139.8' Depth of casing/during bail test: 134' Bailed bore/hole water level to 89.9' Recharge after 30 minutes :77.4'	
- 								S	0 D			
165 —	-										RECEIVE	D
-											DEC 0 7 2011 WA State שנישט of Ecology (SWR	101 (O)

170

Lic#\_2742

Groundwater Instrument

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		Vashingt Departme	on State int of Tra	nsportat	lion			LC	)G OF	ΤE	ST	BORING Start Card S-42697		
,	Job No.	XL-360	4- <u>C</u>	s	R	5			Eleva	tion	ft	HOLE No. <u>CRC-TR-03-1</u> 1	,	
	Project	Columbi	a River C	rossing	Transit	Strue	ctures Pt	nas	e 2			Sheet1         of6         Mu           DrillerWalker, Robert         L	/ c#	<u>28</u> 6
Site	Address	Vic. Of	E.15th St	. and W	ashingto	on St	•			,		Inspector Shepherd, Robert	5	-
	Start	Septemb	er 13, 20	11 Co	mpletion	Septe	anber "	5 <u>,2(</u>	<u>SII</u> Well	ID# _		Equipment CME 850 (9C2-3) - AH		-
	Station	0.			Offset	0.				ole Di nches		Method Mud Rotary		-
	Northing	116916.	33		Easting	108	4681.74		Colle	cted	b <u>y</u> Н	Q Geotech Division Datum		-
	County	Clark		Su	bsection _	NW	/1/4 of NI	E1/-	4			Section Range TEWM Township _2	N	
-	Elevation (ft)	Profile	🖶 Ма	ld SPT (I bisture Cc בD 40 נ			Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab	Tests	Description of Material	Groundwater	
							14 19 12 (31)	X	D-1			Silty GRAVEL with sand, sub-rounded, dense, light grayish brown, moist, stratified, HCI not tested. Length Recovered:1 ft. Length Retained:1 ft.	_	
							6 9 4 4	X	D-2			Sandy SILT with gravel, medium dense, dark brown, moist, homogeneous, HCI not tested, root hairs and brick. Length Recovered:1.1/ft, Length Retained:1.1 ft.		
5-			►       				(13) 3 2 2 4		D-3			Sandy SILT: with gravel, very loose, dark brown, moist, homogeneous, HCI not tested. Length Recovered:0.4 ft. Length Retained:0.4 ft.		
		× * * *					(4)		s-4			Sandy SILT with gravel, 250 P.S.I first foot 650 second	-	
)-		* *	<ul> <li>↓</li> <li>↓</li></ul>			X	4655		)) 			Sandy SILT, medium dense, light brown, moist, homogeneous, HCI not tested, top .8 sandy silt bottom .9 silty sand. Length Recovered:1.7 ft. Length Retained:1.7 ft.		
	-	× × ×	◆     			5	3 5 4 (9)		D-6			Poorly graded SAND, loose, light brown, moist, homogeneous, HCI not tested. Length Recovered:1 ft. Length Retained:1 ft.		
	-	× × ×		D			3 4 6		D-7			Poorly graded SAND, loose, light brown, wet, homogeneous, HCI not tested. Length Recovered:0.9 ft. Length Retained:0.9 ft.		
5-	-	× × × ×	◆   ``     				(10) 5 3 4 6		D-8			Sandy SILT, loose, light brown, moist, homogeneous, HCl not tested. Length Recovered:1 ft. Length Retained:1 ft.		
	-	× × × × × × × × ×	↓			CE	(7) 3 4 (7) (7) (7) (7) (7) (7) (7) (7) (7) (7)		D-9 S-10			Poorly graded SAND, loose, light brown, moist, homogeneous, HCI not tested, top .9 poorly graded fine sand bottom .9 silt. Length Recovered:1.4 ft. Length Retained:1.4 ft. Poorly graded SAND, , , 250 P.S.I		
			<ul> <li>↓</li> <li>↓</li></ul>	<b>r</b>	nE	CO	7 201		- nt				-	

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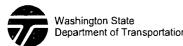
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			Vashingt	on State	9	-4ia -			LO	G OF	TEST	BORING		
			Departme			ition SR _	5			Eleva	ation <u>ft</u>	Start Card <u>S-42697</u> HOLE No. <u>CRC-TR-03-1</u> 1		
			Columb		Crossin	a Trans	sit Stri	uctures P	base			Sheet <u>2</u> of <u>6</u>		0004
	Depth (ft)	Elevation (ft)	Profile	I ← F	Field SPT ( Moisture C RQD	(N) Content	v.	Blows/6" (N) and/or FF		Sample No. (Tube No.)	Lab Tests	Driller Walker, Robert L	Groundwater	2864 Instrument
				20       	40	60 8       	30       	3 5 (8)				not tested, fine sand. Length Recovered:1 ft. Length Retained:1 ft.		
	-						     					drilling indicates gravel	-	
	- 25 — -				<ul> <li>↓</li> <li>↓</li></ul>			16 17 18 (35)		D-12		Well graded SAND with gravel, dense, gray, wet, stratified, HCI not tested, no recovery used oversized to retain material. Length Recovered:1 ft. Length Retained:1 ft.		
	30-							33 12 7 (19)		D-13		Error 2015 Well graded SAND with gravel, medium dense, gray, wet, stratified, HCI not tested. Length Recovered:0.7 ft. Length Retained:0.7 ft.	- - - -	
									C			3		
L.GDT 9/19/11	35	·					N / M	12 11 10. (21)		~Ď-14		Poorly graded GRAVEL, sub-angular, medium dense, gray, wet, homogeneous, HCI not tested. Length Recovered:0.5 ft. Length Retained:0.5 ft.		
SOILA_TEST_XL-3604 CRC_TRANSIT STRUCTURES.GPJ_SOIL.GDT_9/19/11	40			Ý		<u>}</u>		32 32 29 (61)		D-15		Poorly graded GRAVEL, sub-angular, very dense, gray, wet, homogeneous, HCI not tested. Length Recovered:0.5 ft. Length Retained:0.5 ft. <b>RECEN</b>	/E	D
XL-3604 CRC TR							     					DEC 072 WA State Dep of Ecology (S	011 arti	nent
SOILA_TEST	45			     		1  ◆ 	     	32 28		D-16		Silty GRAVEL with sand, sub-angular, very dense, gray, moist, homogeneous, HCl not tested.	-	

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			Washingt Departme	ent of Transportat			LC		TEST	BORING Start Card <u>S-42697</u> HOLE No. <u>CRC-TR-03-1</u> 1			
				ia River Crossing			hae		ation <u>- it</u>	Sheet <u>3</u> of <u>6</u>	Lic#	2	0
	Depth (ff)	Elevation (ft)	Profile	<ul> <li>Field SPT (I</li> <li>Moisture Co</li> <li>RQD</li> </ul>	N)	Blows/6" (N) and/or RQD FF			Lab Tests	Driller Walker, Robert	Groundwater		
						35 (63)	X			Length Recovered:0.4 ft. Length Retained:0.4 ft.	1		
	-	-				10		D-17		Drillng smoothed out Poorly graded SAND, medium dense, light brown, moist,			
	50 —	-				9 11 (20)				homogeneous, HCI not tested. Length Recovered:1 ft. Length Retained:1 ft.	-		
	55					14 15 16 (31)	X	D-18		Poorly graded SAND, dense, light brown, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.			
S.GPJ SOIL.GDT 9/19/11	60 —					(14) 18 26 (44)		D-19		Poorly graded SAND, dense, light brown, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft.			
SOILA_TEST XL-3604 CRC TRANSIT STRUCTURES.GPJ SOIL.GDT 9/19/11	65 —					8 18 30 (48)		D-20		Poorly graded SAND, dense, light brown, moist, homogeneous, no HCI reaction. Length Recovered:1.2 ft. Length Retained: HECE DEC 07 WA State DE of Ecology	20 %µai (SN		
SOILA_TE	- 70	1				11 16		D-21		Poorly graded SAND, dense, light brown, moist, homogeneous, HCI not tested.			

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		Washing Departm	ton Sta ent of T	te Tanspo	ortation			LO	G OF	TEST	BORING Start Card <u>S-42697</u>		
		VI 260				E				. f+	HOLE No CRC-TR-03-11		
	Job No.	XL-360	J4-C		SR	5			Eleva	ation <u>ft</u>	Sheet of6		
_	Project	Columb	oia Rive	er Cross	sing Tra	ansit Stru	uctures P	hase	e 2		Driller _ Walker, Robert	Lic#	2864
Depth (ft)	Elevation (ft)	Profile	◆ ● ☑ 20	RQD	PT (N) e Conten 60	nt 80	Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
				1			17 (33)	X			Length Recovered:0.5 ft. Length Retained:0.5 ft.		
- - 75 —							14 18 23 (41)	X	D-22		Poorly graded SAND, dense, light brown, moist, homogeneous, HCI not tested. Length Recovered:1.2 ft. Length Retained:1.2 ft.		
-  80				•			15 18 17 (35)		D-23		Poorly graded SAND, dense, light brown, moist, homogeneous, HCI not tested. Length Recovered:0.8 ft. Length Retained:0.8 ft.		
- 85				♦			12 13 14 (27)		-D-24	14 M	Poorly graded SAND, medium dense, light brown, wet, homogeneous, HCl not tested. Length Recovered:1.1 ft. Length Retained:1.1 ft.		
- 90 — -				· · · · · · · · · · · · · · · · · · ·		Ŋ	8 7 27 (34)	X	D-25		Silty SAND, dense, light brown, wet, homogeneous, HCI not tested. Length Recovered:1.1 ft. Length Retained:1.1 ft. DEC WA State of Ecolog Poorly graded SAND, dense, light brown, wet,		VED
95 —				•			13 15	X	D-26		Poorly graded SAND, dense, light brown, wet, homogeneous, HCI not tested.		vvRO)

SOILA\_TEST XL-3604 CRC TRANSIT STRUCTURES.GPJ SOIL.GDT 9/19/11

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LOG OF TEST BORING

Start Card S-42697

HOLE No. <u>CRC-TR-03-1</u>1

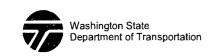
Sheet <u>5</u> of <u>6</u>

<sub>Job No.</sub> XL-3604-C	SR	5	Elevation	ft

	Project_	Columb	ia River (	Crossin	g Trans	sit Stru	ictures Pl	nase	e 2			Driller _Walker, Robert	Lic#	2864
Depth (ft)	Elevation (ft)	Profile	<b>Ф</b> М	eld SPT ( loisture C :QD 40	Conterit	30	Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	40	Tests	Description of Material	Groundwater	Instrument
			1				30 (45)	X		-		Length Recovered:1.2 ft. Length Retained:1.2 ft.	-	
-													-	
-				*									-	
-														
-					l I	>>• 	50/5" (REF)	X	D-27			Well graded GRAVEL with sand, sub-angular, very _ dense, gray, moist, stratified, HCl not tested.	+	
100 —		00 00 00 00 00 00 00 00 00 00 00 00 00			1	   	(1.2.)					Length Recovered:0.5 ft. Length Retained:0.5 ft.		
-		° OS	i	Ì	 	   							-	
-		00			 	 								
		00 000				   								
_		° OS	1	1		   								
-			Ì	i ·	● 	i I	26	V	D-28	ļ		Well graded GRAVEL with sand, sub-angular, very	-	
105 —		00	l				26 32 (58)					dense, gray, wet, stratified, HCI not tested. Length, Recovered:0.6 ft. Length Retained:0.6 ft.		
-		° OS	l			 	(30)				Œ		-	
			1			   			0	A	I. la	2	-	
		00 00	Í						À.	1	) `			
-		505	l L	ł		1		æ	and the second		P		F	
-			ļ	1		>>{	50/5	$\mathbf{X}$	<sup>-</sup> D-29			Well graded GRAVEL with sand, sub-angular, very	-	
110-		00 00					N(REF)	7				dense, gray, moist, stratified, HCI not tested. Length Recovered:0.6 ft. Length Retained:0.6 ft.		
			i	Ì	18		5 Č							
			1		P									1
-		0.0			10	1								
-						l								1
_		203		Y.		>>•	50/5"	X	D-30			Well graded GRAVEL with sand, sub-angular, very	-	
115-				)   		   	(REF)					dense, gray, moist, stratified, HCI not tested. Length Recovered:0.5 ft. Length Retained:0.5 ft.		
						,   						RE	ÇE	IVED
			i I									lost circ		2011
_				F I								Well graded GRAVEL with sand, sub-angular, very dense, gray, moist, stratified, HCI not tested. Length Recovered:0.5 ft. Length Retained:0.5 ft. Iost circ DE WA Stat		2011
		00 00			   	   						of Ecol	ogy	2011 †ບລະເທດent (SWRO)
-			Î †			>>•	50/5"	X	D-31			Well graded GRAVEL with sand, sub-angular, very	-	
120 —		¢°0	1	 	 	 	(REF)					dense, gray, wet, homogeneous, HCI not tested.		

SOILA\_TEST\_XL-3604 CRC TRANSIT STRUCTURES.GPJ\_SOIL.GDT\_9/19/11

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Job No. XL-3604-C

SR <u>5</u>

LOG OF TEST BORING

Elevation \_\_\_\_ft

Start Card S-42697

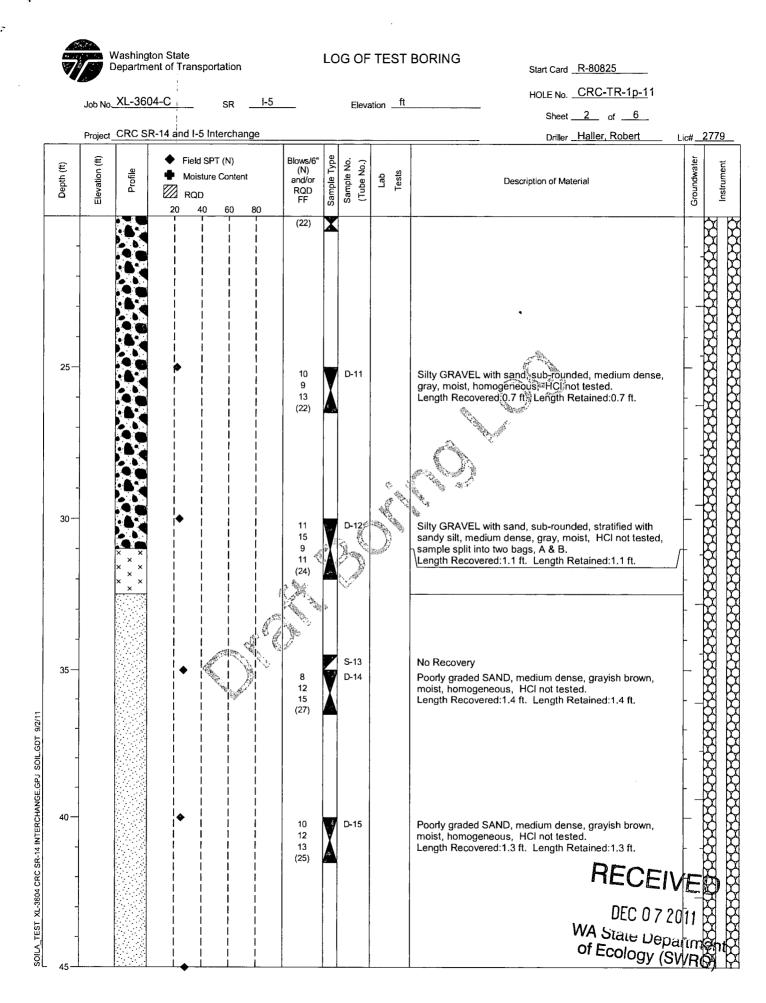
HOLE No. CRC-TR-03-1

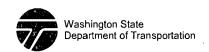
Sheet	6	of	6
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Depth (ft)	Elevation (ft)	Profile	♦ ● ☑ 20	RQD	°T (N) e Content 60	80	Blows/6" (N) and/or RQD FF	Sample Type	Sample No.	(Tube No.)	Lab	Tests	Description of Material	Groundwater	
				50 mm								-	Length Recovered:0.6 ft. Length Retained:0.6 ft. 70% return circ		
- 125 — -							50/4" (REF)	×	D-	32			Well graded GRAVEL with sand, sub-angular, very dense, gray, moist, homogeneous, HCI not tested. Length Recovered:0.3 ft. Length Retained:0.3 ft.		
- - 130 — -							50/5" (REF)	×	D-	33			No Recovery RECEIVE DEC 07 201		
- - 135—							50/0° (REF) 50/3°				A B	>	No Recovery Well graded GRAVEL with sand, sub-angular, very	1 mei RO) - -	r )
-							(REF)				-		dense, gray, moist, homogeneous, HCI not tested, used oversized to retain sample. Length Recovered:0.3 ft. Length Retained:0.3 ft.		
- 140 — - -													The implied accuracy of the borehole location information displayed on this boring log is typically sub-meter in (X,Y) when collected by the HQ Geotech Division and sub-centimeter in (X,Y,Z) when collected by the Region Survey Crew.	- 	
- - 145													End of test hole boring at 135.1 ft below ground elevation. This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data. Note: REF = SPT Refusal		

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County       Clark       Subsection       NW1/4 of NE1/4       Section       27       Range       1EWM       Tourship 2.N.         000000000000000000000000000000000000	Washington State Department of Tra		OG OF TEST BORING	Start Card _ <u>R-80825</u>	
Site Address Vicinity of East 15th SL and Washington SL       Image: CRC SR-14 and 1-5 Interchange       Image: CRC SR-14 and	Joh No. XL-3604-C	SR I-5	Elevation ft	HOLE No. <u>CRC-TR-1p-1</u> 1	
Site Auferes Vicinity of East 15th SL and Washington SL  Start August 30, 2011 Completion September 1, 2011 Well Die BCH-769 Equipment _CME 650 (6C2-3) - AH  Second Well Rotary  Nurthing 117048.50 Completion 2 Completion September 1, 2011 Well Die Schwarz Method Completion 2 Completion 2 September 1, 2011 Well Die Schwarz Method Completion 2 Completion 2 September 1, 2011 Completion 2 Completion 2 September 1, 2011  Second 2 Completion 2 September 1, 2011 Well Die Schwarz Method Completion 2 Completion 2 September 1, 2011 Completion 2 Com				Sheet <u>1</u> of <u>6</u>	
State         August 30, 2011         Compation September 1, 2011         Well (De ID = 5 (michas) 5         Equipment _CME 650 (9C2-3) - AH           Station 0         0         0 first 0         Hold Dia 5         Method Y	· · · · · · · · · · · · · · · · · · ·				
Station       Offset					
(increas)         (increas)         Detuing 117048.80       Datum NAD 83 91(HARN) StatePlanes         County Clark       Subsection INV14 of NE14       Datum NAD 83 91(HARN) StatePlanes         (increas)         Biblicked Reg       Subsection INV14 of NE14       Description of Material         Output Clark       Biblicked Reg       Gender Clark       Description of Material         Output Clark       Notified with 0.41 of well graded Reg       Reg       County Clark         Output Clark       Notified With 0.41 of well graded Reg       Reg       Subsection of Material         Output Clark       Description of Material       Subsection Number Clark         Notified With 0.41 of well graded Reg       Subsection Reg       Subsection Reg         Output Clark       Description of Material       Subsection Reg       Subsection Reg         Output Clark       Subsection Reg       Subsection Reg       Subsection Reg         Output Clark       Subsection Reg <th colspa="&lt;/td"><td>Start August 30, 2011</td><td></td><td></td><td></td></th>	<td>Start August 30, 2011</td> <td></td> <td></td> <td></td>	Start August 30, 2011			
County         Clark         Bubaction         NW1/4 of NE1/4         Section         27         Range         1 EWM         Tournship 2.N.           100 000 000 000 000         100 000         100 000         100 000         100 000         0 <td></td> <td></td> <td>(inches)</td> <td>Method Wet Rotary</td>			(inches)	Method Wet Rotary	
End       Field Serr (h)       Blowskit (h)       g <thg< td=""><td></td><td></td><td></td><td>vision Datum NAD 83_91(HARN) StatePlaneS</td></thg<>				vision Datum NAD 83_91(HARN) StatePlaneS	
End       and/or       No       And/or       And/or <td< td=""><td>County Clark ,</td><td></td><td></td><td>ction <u>27</u> Range <u>1 EWM</u> Township <u>2 N</u></td></td<>	County Clark ,			ction <u>27</u> Range <u>1 EWM</u> Township <u>2 N</u>	
1       9       9         7       7         1       7		Apisture Content and/or Content RQD RQD FF (N)	Sample Type Sample No.) Lab Tests	Description of Material	
15- 15- 15- 15- 15- 15- 15- 15-		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	D-2gravel with s dense, brown two bags, A' Length RecoD-2Silty GRAVE moist, homo Length RecoD-3Silty SAND, 1 tested. Length RecoD-4Silty SAND, 1 tested. Length RecoD-4Silty SAND, 1 tested. Length RecoD-5Sandy SILT, brown, moist Length RecoD-6Silty SAND, 1 brown, moist Length RecoD-6Silty SAND, 1 brown, moist Length RecoS-7No Recovery	and stratified with 0.1' of red brick, medium n, moist: HCl not tested, sample split into & B. wered:1.5 ft. Length Retained:1.5 ft. EL with sand, sub-rounded, loose, brown, geneous, HCl not tested. wered:0.7 ft. Length Retained:0.7 ft. loose, brown, moist, homogeneous, HCl not overed:1.5 ft. Length Retained:1.5 ft. stratified with sandy silt, medium dense, t, HCl not tested. wered:1.8 ft. Length Retained:1.8 ft. stratified with silty sand, loose, grayish t, HCl not tested. wered:1.7 ft. Length Retained:1.7 ft. stratified with sandy silt, loose, grayish t, HCl not tested. wered:1.6 ft. Length Retained:1.6 ft.	
		2 4 5 (6) 3 12	D-9 Silty GRAVE sandy silt, m tested, Trace	HCl not tested. wered:2 ft. Length Retained:2 ft. EL with sand, sub-angular, stratified with edium dense, grayish brown, wet, HCl not a red brick.	





Job No. XL-3604-C

LOG OF TEST BORING

Elevation \_\_\_\_ft

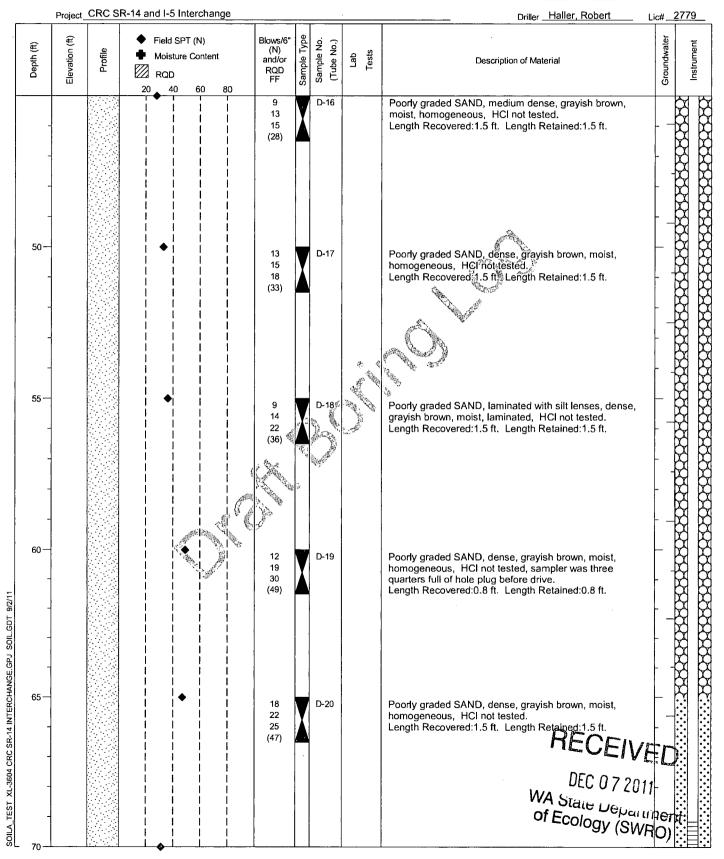
I-5

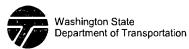
SR

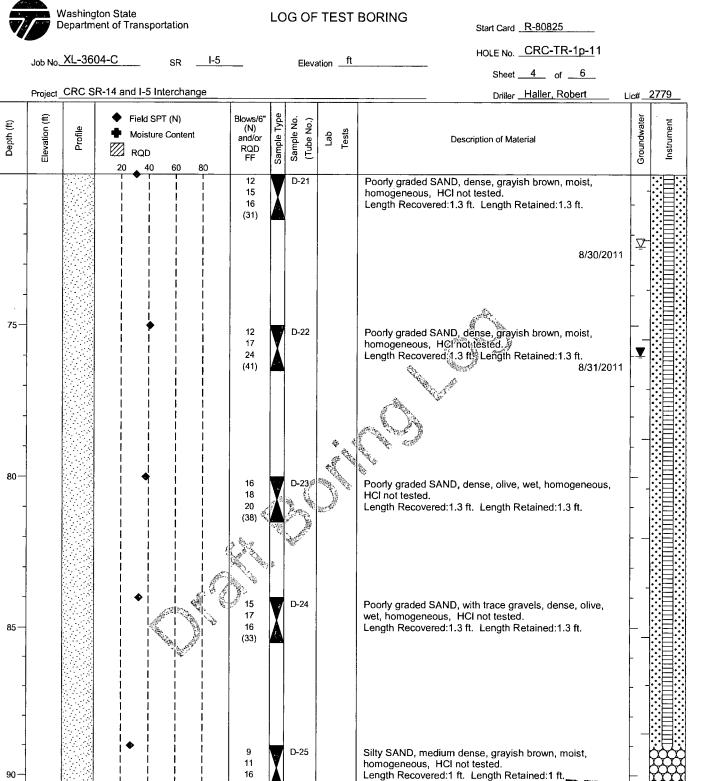
Start Card R-80825

HOLE No. CRC-TR-1p-1

Sheet 3 of 6







(27)

14

36

D-26

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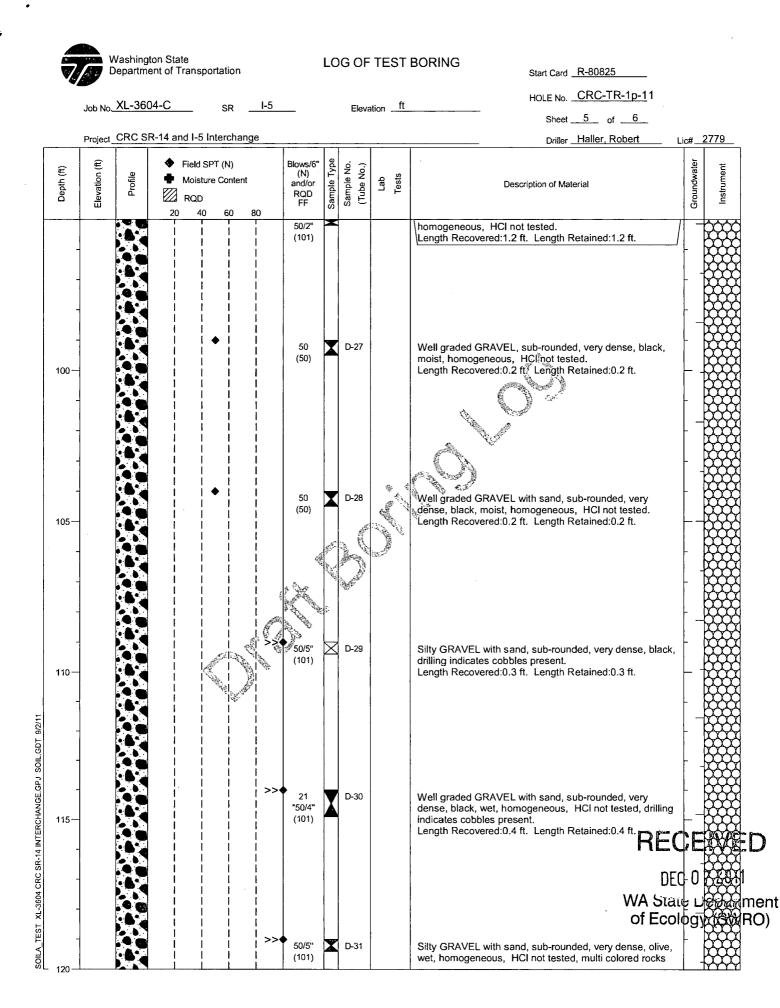
RECEN

Poorly graded SAND, stratified with well graded gravel

with sand, very dense, grayish brown, moist,

DEC 0 7 2 WA State Lepatroent of Ecology (Sta

SOILA TEST XL-3604 CRC SR-14 INTERCHANGE.GPJ SOIL.GDT 9/2/11



			Vashingt Departme XL-360	ton State ent of Tra		ition . SR _	1-5		LC		TEST	BORING         Start Card         R-80825           HOLE No.         CRC-TR-1p-11           Sheet         6         of         6	
_		Project	CRC SF	R-14 and	I-5 Inter	rchang	e						_2779
	Depth (ft)	Elevation (ft)	Profile	🗭 Мо	eld SPT ( oisture C QD 40	ontent	30	Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Instrument
	-						 					present. Length Recovered:0.4 ft. Length Retained:0.4 ft.	
	125 — - -							50 (50)		D-32		Silty GRAVEL with sand, sub-rounded, very dense, olive, wet, homogeneous, HCI not tested, multi colored rocks present. Length Recovered:0.4 ft: Length Retained:0.4 ft.	
	- 130 - -							5 <u>0/2</u> " (101)	A Constant of the second secon	D-33		Poorly graded GRAVEL, sub-rounded, very dense, gray, moist, homogeneous, HCl not tested, multi colored rocks present. Length Recovered:0.1 ft. Length Retained:0.1 ft. End of test hole boring at 129.2 ft below ground elevation. This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data. Note: REF = SPT Refusal A flush mount monument was installed on this boring.	-
2. SOIL.GDT 9/2/11	- 135 — - -											The implied accuracy of the borehole location information displayed on this boring log is typically sub-meter in (X,Y) when collected by the HQ Geotech Division and sub-centimeter in (X,Y,Z) when collected by the Region Survey Crew.	_
SOILA_TEST_XL-3604 CRC SR-14 INTERCHANGE.GPJ_SOIL.GDT_9/2/11	- 140 - - - - - - -											RECEIVEL DEC 072011 WA State Department of Ecology (SWRO)	

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				ton State ent of Trar	nsporta	tion			LC	G O	F TE	ST	BORING Start Card <u>S 42697</u>			
		Job No_	XL-360	)4-C	5	SR _	5			Elev	/ation	ft	HOLE No. <u>CRC-TR-05-1</u> 1	Л. П	1,	
/		Project_	Columb	ia River C	rossing	g Trans	sit Stru	uctures P	hase	e 2			Sheet <u>1</u> of <u>7</u> Driller <u>Shepherd, Robert</u>	/#	S 2710	
	Site /	Address _	Vic. Of	E. 15th SI	t. and V	Vashir	ngton S	St.					Inspector Hilts, Brian #2249		-	
		Start <u>S</u>	Septemt	oer 6, 201	1Co	mpletio	n <u>Sep</u>	tember 8	, 20 <sup>-</sup>	11_w	ell ID#		Equipment CME 850 (9C2-3) - AH		-	
		Station _	0.			Offse	et <u>0.</u>				Hole D (inche	lia 6 (s)	Method Wet Rotary		-	
	٢	Northing _	116916	.33		Eastin	ig <u>10</u>	84681.24		Co	lected	by_⊢	IQ Geotech Division Datum		-	
Г		County _	Clark		Su	Ibsectio	n NV	V1/4 of N	E1/4	4			Section 27 Range 1 EWM Township 2	<u>N</u>		•
	Depth (ft)	Elevation (ft)	Profile	-		ontent	80	Blows/6" (N) and/or RQD FF	Sample Type	Sample No.) (Tube No.)	Lab	Tests	Description of Material	Groundwater	Instrument	
GDT 9/9/11	5							11 8 6 (14) 3 3 (6) 2 2 2 4 (4) 3 4 4 (8) 5 5 4 (9)		D-1 D-2 S-3 D-5 S-6 D-7			<ul> <li>SILT with sand, medium dense, brown, moist, stratified, HCI not tested, the top .3' with gravel</li> <li>Length Recovered: 1:3'ff. Length Retained: 1.3 ft.</li> <li>Silty SAND, loose, brown, moist, stratified, HCI not tested, stratified with sandy silt with some brick debris</li> <li>Length Recovered: 1 ft. Length Retained: 1 ft.</li> <li>Well graded SAND, brown, stratified,</li> <li>Well graded SAND, very loose, brown, moist, homogeneous, HCI not tested.</li> <li>Length Recovered: 0.8 ft. Length Retained: 0.8 ft.</li> <li>SILT with sand, loose, brown, moist, homogeneous, HCI not tested.</li> <li>Length Recovered: 0.9 ft. Length Retained: 0.9 ft.</li> <li>Well graded SAND, dark gray, stratified,</li> <li>Well graded SAND, loose, dark gray, moist, stratified, HCI not tested.</li> <li>Length Recovered: 1.3 ft. Length Retained: 0.9 ft.</li> </ul>			
SOILA_TEST XL-3604 CRC TRANSIT STRUCTURES.GPJ SOIL.GDT 9/9/11				• • • •RE			/E1	(3) 2 (6) 2 (6) 3 3 5 6 (8) 3 4 4 (8) 4 4		D-8 D-9 D-10 D-11 D-12			<ul> <li>SILT with sand, loose, brown, moist, stratified, HCl not tested, stratified with silty sand</li> <li>Length Recovered:0.8 ft. Length Retained:0.8 ft.</li> <li>Silty SAND, loose, brown, moist, homogeneous, HCl not tested.</li> <li>Length Recovered:1.2 ft. Length Retained:1.2 ft.</li> <li>Silty SAND, loose, brown, moist, stratified, HCl not tested, the top .6' was brown silty sand, the bottom .7' was gravish brown poorly graded sand</li> <li>Length Recovered:1.3 ft. Length Retained:1.3 ft.</li> <li>Poorly graded SAND, loose, grayish brown, moist, homogeneous, HCl not tested.</li> <li>Length Recovered:0.9 ft. Length Retained:0.9 ft.</li> <li>Silty SAND, loose, brown, moist, stratified, HCl not tested.</li> </ul>			

WA State Department of Ecology (SWRO)

7

			Departme	ton State ent of Transportation		OF TEST E	Start Card <u>S 42697</u> HOLE No. <u>CRC-TR-05-1</u> 1	
			XL-360			Elevation <u>ft</u>	Sheet of7	
	Depth (ft)	Elevation (ft)	Profile	<ul> <li>A Field SPT (N)</li> <li>Moisture Content</li> <li>RQD</li> <li>40 60 80</li> </ul>		(Tube No.) Lab Tests	Driller <u>Shepherd, Robert</u>	Lic# 2710 Groundwater Instrument
	-		× × × × × × × × × × × × × × × × × × ×		5 (9) 10 16	13	Length Recovered:1 ft. Length Retained:1 ft. Well graded SAND with gravel, dense, brown, wet, homogeneous, HCI not tested, at approx. 22.5' we	
	25 — - - -		0 		18 (34)	14	encountered gravels demonstrated by drilling action. Length Recovered:0.9.ft Length Retained:0.9 ft.	
	30 — - -				13 10 (23)		dense, dark gray, wet, homogeneous, HCl not tested, the water table was at 20.2'. Length Recovered:0.5 ft. Length Retained:0.5 ft.	
GPJ SOIL.GDT 9/9/11					2 7 D-1 8 (16)	15	Well graded GRAVEL with sand, sub-rounded, medium dense, grayish brown, wet, homogeneous, HCl not tested. Length Recovered:0.7 ft. Length Retained:0.7 ft.	
SOILA_TEST_XL-3604 CRC TRANSIT STRUCTURES.GPJ_SOIL.GDT	40				14 15 15 (30)	16	Well graded SAND with gravel, medium dense, dark gray, wet, homogeneous, HCl not tested. Length Recovered:0.9 ft. Length Retained:0.9 ft. <b>RECEIVED</b> DEC 07 2011 WA State Department of Ecology (SWRO)	
SOILA_TE	45				→ 42 50/5 D-1	17	No Recovery Of Ecology (SWRO)	

		Washing Departme XL-360	ton State ent of Trans )4-C	sportation SR .	5		LO		TEST	BORING Start Card <u>S 42697</u> HOLE No. <u>CRC-TR-05-1</u> 1 Sheet <u>3</u> of <u>7</u>		
Depth (ft)	Elevation (ft)	Columb alito d	-	SPT (N) ture Content	isit Stri	Blows/6" (N) and/or RQD	Sample Type	Sample No. (Tube No.)	Lab Tests	Driller _Shepherd, Robert	Groundwater	2710 Instrument
Solls, TEST XL-3604 CRC TRANSIT SRUCTURES.6PJ SOIL.6DT 9/9/11						FF (REF) (REF) 12 15 15 (30) 16 15 (30) 16 20 (40) 18 20 (40)		D-18 D-19 D-20 D-21		Poorly graded SAND, medium dense, dark gray, moist, homogeneous, HCI not tested. Length Recovered:1.4 ft Length Retained:1.4 ft. Roorly graded SAND, medium dense, grayish brown, moist, homogeneous, HCI not tested. Length Recovered:1.4 ft. Length Retained:1.4 ft. Poorly graded SAND, dense, grayish brown, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft. Poorly graded SAND, dense, grayish brown, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft. Poorly graded SAND, dense, grayish brown, moist, homogeneous, HCI not tested. Length Recovered:1.5 ft. Length Retained:1.5 ft. RECEIVE		
SOILA TEST XL-3604 CRC	-					17 20		D-22		DEC 0 7 2011 WA State Departum of Ecology (SWR( Poorly graded SAND, dense, grayish brown, moist, homogeneous, HCI not tested.	ent 2)_	-

	Ð		Vashingto Departme XL-360	ent of Trans	sportation SR	5		LO		TEST	BORING Start Card <u>S 42697</u> HOLE No. <u>CRC-TR-05-1</u> 1 Sheet <u>4</u> of <u>7</u>		
		Project	Columbi	ia River Cr	ossing Trar	nsit Str	uctures P	hase	e 2			.ic#	2710
	Depth (ft)	Elevation (ft)	Profile	🏶 Mois	d SPT (N) sture Content D 40 60	80	Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
							FF 23 (43) 6 15 14 (29) 11 8 17 (25) 11 24 31 (55)		D-23 D-24 D-25		Length Recovered:1.5 ft. Length Retained:1.5 ft. Poorly graded SAND, medium dense, brown, moist, homogeneous, HCI not tested. Length Recovered:1.3 ft. Length Retained:1.3 ft. Poorly graded SAND, medium dense, grayish brown, wet, homogeneous, HCI not tested. Length Recovered:1.3 ft. Length Retained:1.3 ft. Poorly graded SAND, very dense, grayish brown, moist, homogeneous, HCI not tested. Length Recovered:1.3 ft. Length Retained:1.3 ft.		
SOILA_TEST_XL-3604 CRC TRANSIT STRUCTURES.GPJ_SOIL.GDT_9/9/11	90						(55) 6 12 12 (24) 28 39		D-26 D-27		Silty SAND, medium dense, grayish brown, wet, stratified, HCI not tested, poorly graded sand stratified with brown silt. Length Recovered:1.3 ft. Length Retained:1.3 ft. <b>RECEI</b> DEC 0.7 1 WA State Dep Of Ecology (S Poorly graded SAND, very dense, grayish brown, moist, homogeneous, HCI not tested, at approx. 97.5' we		ED ment RO)

		Job No.	Washing Departmo XL-360 Columb	ent of <sup>-</sup>	Transp	SR	_5	 ructures P		Eleva	TEST	Sheet <u>5</u> of <u>7</u>	Lic#	2710
	Depth (ft)	Elevation (ft)	Profile	♦ ₱ 20	Field Moist	SPT (N) ure Conte		Blows/6" (N) and/or RQD FF	T.		Lab Tests	Description of Material	Groundwater	Instrument
SOLA TEST XL-3604 CRC TRANSIT STRUCTURES.CPJ SOIL.GDT 9/9/11								50/3 (REF) 50/3 (REF) 50/3 (REF) 50/4 (REF)		D-29 D-30 D-31		encountered gravels demonstrated by drilling action. Length Recovered:1.2 ft. Length Retained:1.2 ft. No Recovery Well graded GRAVEL with sand, rounded, very dense, dark gray, wet, homogeneous, HCI not tested, at 110' we 100% water loss. Length Recovered:0.3 ft. Length Retained:0.3 ft. Well graded GRAVEL with sand, rounded, very dense, dark gray, wet, homogeneous, HCI not tested. Length Recovered:0.3 ft. Length Retained:0.3 ft. Well graded GRAVEL, rounded, very dense, dark gray, wet, homogeneous, HCI not tested. Length Recovered:0.3 ft. Length Retained:0.3 ft. Well graded GRAVEL, rounded, very dense, grayish brown, wet, homogeneous, HCI not tested. Length Recovered:0.3 ft. Length Retained:0.3 ft. DEC WA State of Ecolo		IVED 2011 SWRO)

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			Vashing Departmo XL-360	ton State ent of Transpo			LC			BORING Start Card <u>S 42697</u> HOLE No. <u>CRC-TR-05-1</u> 1		
					SR _5_				ation <u>ft</u>	Sheet <u>6</u> of <u>7</u>		
-		Project	Columb	ia River Cross	ing Transit Str	uctures Pl	hase	e 2		Driller <u>Shepherd</u> , Robert	Lic#_2	2710
	Depth (ft)	Elevation (ft)	Profile	<ul> <li>Field SP</li> <li>Moisture</li> <li>RQD</li> <li>40</li> </ul>	PT (N) e Content 60 80	Blows/6" (N) and/or RQD FF	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
-			· · · ·							Length Recovered:0.3 ft. Length Retained:0.3 ft.		
	- - - - - - - - - - - - - - - - - - -					50/1 (REF)		D-33 D-34		No Recovery		
IL.GDT 9/9/11	- - - - - - - - - - - - - - - - - 					50/2 (REF)	M A M	D-35		Well graded GRAVEL, rounded, very dense, dark gray, wet, homogeneous, HCl not tested. Length Recovered:0.2 ft. Length Retained:0.2 ft.		
SOILA_TEST_XL-3604 CRC_TRANSIT_STRUCTURES.GPJ_SOIL.GDT_9/9/11	- 140					50/1 (REF)	X	D-36				
04 CRC	-	-	· · · · · · · · · · · · · · · · · · ·									J
SOILA TEST XL-36(	- 145-					50/1 (REF)		D-37		DEC 072 WA State Dep No Recovery of Ecology (S	011 arım SVVR	ent O)

	Job No.	epartm XL-360	<u>)4-C</u>	nsportation SR	5			Elev	TEST	BORING Start Card <u>S 42697</u> HOLE No. <u>CRC-TR-05-1</u> 1 Sheet <u>7</u> of <u>7</u>
Depth (ft)	Elevation (ft)	Louin	♦ Fie	Ind SPT (N) Id SPT (N) Inisture Conter 2D 40 60		Blows/6" (N) and/or RQD FF	T	Sample No. No. (Tube No.)	Lab Tests	Driller <u>Shepherd, Robert</u>
-						50/1 (REF)		D-38		No Recovery End of test hole boring at 149.1 ft below ground elevation.
										The inder of test fide borning are derived from visual field identifications and laboratory test data. Note: REF = SPT Refusal The implied accuracy of the borehole location information displayed on this boring log is typically sub-meter in (X,Y) when collected by the HQ Geotech Division and sub-centimeter in (X,Y,Z) when collected by the Region Survey Crew.

RECEIVED DEC 0 7 2011 WA State Department of Ecology (SWRO)

# The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

9/9/11 GDT SOIL GPJ. SOILA\_TEST\_XL-3604 CRC TRANSIT STRUCTURES.

170

Lic#<u>2710</u>

Groundwater

Instrument

SUBMIT ONE WELL REPORT PER WI onstruction/Decommission ("x" in box)	ELL INSTALLED)		Type of Well	
Construction			Resource	Protection Soil Boring
Decommission RIGINAL INSTALLATION Notice of Intent	Northan	Property Owner W		5011 DOIIIng
RIGINAL INSTALLATION NOUCE OF THEM	Number.	Site Address Vice		lain st
onsulting Firm _WSDOT		City		
nique Ecology Well IDTag NoBHM-713	······································	-		c <u>27</u> Twn <u>2N</u> R <u>1</u>
ELL CONSTRUCTION CERTIFICATION		EWM X or WWM		с <u></u> тwn <u></u> к
cept responsibility for construction of this well, and its	compliance with all			, 
ashington well construction standards. Materials used ove are true to my best knowledge and belief.	and the information reported	Lat/Long (s, t, r still REQUIRED)		MinSec
	, · · ·			MinSec
Driller 🔲 Engineer 🔲 Trainee ime (Print Last, First Name) <u>Henderson, Danny</u>		Tax Parcel No		
riller/Engineer /Trainee Signature				Static Level38.2'
riller or Trainee License No. 2742		Work/Decommissio	on Start Date	
trainee, licensed driller's Signature and	License Number:	Work/Decommissio	on Completed Da	ate
Construction Design	Well 1	Data	For	mation Description
0 - 1.5 ft			0 - 7 ft	Sand
Top Seal			7 - 9 ft	Sand with silt
			9 - 17 ft	Sand
1.5 - 63 ft			17 - 19 ft	Sand with silt
Pipe in bentonite			19 - 24 ft	Gravel with sand and silt
			24 - 29 ft	Gravel
63 - 65 ft Pipe in sand			29 - 39 ft	Gravel with sand and silt
			39 - 44 ft	Sand with silt
65 - 85 ft			44 - 94 ft	Sand
Screen in sand			94 - 98 ft	Sand with silt
			98 - 104 ft	Sand with gravel
85 - 119.5 ft Bottom seal			104 - 109 ft	Gravel
			109 - 114 ft	Sand with gravel
			114 - 119 ft	Gravel
			119 - 119.5 ft	Sand with gravel
				Dra
	Ì			RECEIVED
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				APR 102012
		·		VVA STELLE
				of Ecology (SWRO)
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RESOURCE PROTECTION		CURRENT		ent No
SUBMIT ONE WELL REPORT PER onstruction/Decommission ("x" in box			Type of Well	("x in box)
Construction	<i>.</i> ).		🔀 Resource	Protection
Decommission			Geotech S	Soil Boring
RIGINAL INSTALLATION Notice of Int	ent Number:	Property Owner <u>WS</u>	DOT	
				lain St.
onsulting Firm WSDOT	······································	City	County	/ Clark
nique Ecology Well IDTag NoBHM-	714	Location <u>NW</u> 1/4-	1/4 <u>NE</u> 1/4 Se	c <u>27</u> Twn <u>2-N</u> R <u>1</u>
ELL CONSTRUCTION CERTIFICAT	ION: I constructed and/or	EWM 🔀 or WWM		
cept responsibility for construction of this well, an ashington well construction standards. Materials u		Lat/Long (s, t, r	Lät Deg	MinSec
ove are true to my best knowledge and belief.	ised and the information reported	still REQUIRED)		MinSec
Driller 🔲 Engineer 🔲 Trainee		Tax Parcel No	TOUR Deg	
une (Print Last, First Name) Henderson, Danpy	al ,			Static Level58.9'
riller/Engineer /Trainee Signature 44			•	
The of Trainee License No. 21-2		Work/Decommissio	n Start Date	
trainee, licensed driller's Signature a	nd License Number:	Work/Decommissio	n Completed Da	ite
Construction Design	Well 1	Data .	For	nation Description
,			1011 0 - 7.5 ft	Gravel with sand and silt
0 - 1.5 ft Top Seal			7.5 - 9 ft	Sand with gravel
				-
1.5 - 71 ft			9 - 24 ft	Sand with silt
Pipe in bentonite			24 - 29 ft	Gravel
			29 - 34 ft	Sand with gravel
71 - 73 ft			34 - 54 ft	Sand
Pipe in sand			54 - 64 ft	Sand with silt
			64 - 79 ft	Sand
73 - 83 ft Screen in sand	ν.		79 - 84 ft	Sand with silt
			84 - 89 ft	Sand
83 - 119.5 ft			89 - 99 ft	Sand with silt
Bottom seal			99 - 104 ft	Sand with gravel
2			104 - 109 ft	Gravel with sand and silt
x			109 - 114 ft	Sand with gravel
			114 - 119 ft	Gravel
			119 - 119.5 ft	Sand with gravel
			110 110.0 IL	Cana mar graver
				RECEIVED
				NEVENLL
				APR 1 0 2012
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				WA State Departme
				of Ecology (SWRC
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Job Number: XL-3604-G Boring: CRC-TR-11p-12<sup>1</sup>

SUBMIT ONE WELL REPORT PER WI         Construction/Decommission ("x" in box)         Construction         Decommission         RIGINAL INSTALLATION Notice of Intent		Property Owner <u>Wa</u>	SDOT	Protection Soil Boring
consulting Firm WSDOT	· · · · · · · · · · · · · · · · · · ·	Site Address <u>Vic.</u>		
Inique Ecology Well IDTag NoBHM 712		City		ec <u>27 Twn 2N R 1</u>
VELL CONSTRUCTION CERTIFICATION		EWM X or WWM	· · · · ·	se <u></u> I wil <u></u> K <u></u>
cept responsibility for construction of this well, and its /ashington well construction standards. Materials used pove are true to my best knowledge and belief.	compliance with all		Lät Deg	MinSec MinSec
Driller Engineer Trainee		Tax Parcel No		
ane (Print Last, First Name) Shepherd, Robert Driller/Engineer /Trainee Signature	a. Shahald	Cased r Uncased I	Diameter6"	Static Level Dry
oriller/Engineer /Trainee Signature		Work/Decommissio	on Start Date	3/22/2012
f trainee, licensed driller's Signature and	License Number:	Work/Decommissio	on Completed Da	ate
· · · · · · · · · · · · · · · · · · ·				
Construction Design	Well	Data	For	mation Description
0 - 2 ft			0 - 4 ft	Sand with silt
Top Seal			4 - 6 ft	Gravel with sand and silt
			6 - 24 ft	Sand with silt
2 - 15 ft Pipe in bentonite	· · · · · · · · · · · · · · · · · · ·		24 - 39 ft	Sand with gravel
			39 - 49 ft	Sand with silt
15 - 20 ft			49 - 74 ft	Sand
Pipe in sand		,	74 - 89 ft	Gravel with sand and silt
			89 - 99 ft	Sand
20 - 40 ft Screen in sand			. 99 - 119.3 ft.	Sand with gravel
40 - 119.3 ft Bottom seal				
2 · · · · · · · · · · · · · · · · · · ·				• •
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				/ ·
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·				APR 1 0 2012
				WA State Departme of Ecology (SWRC
	l .			
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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

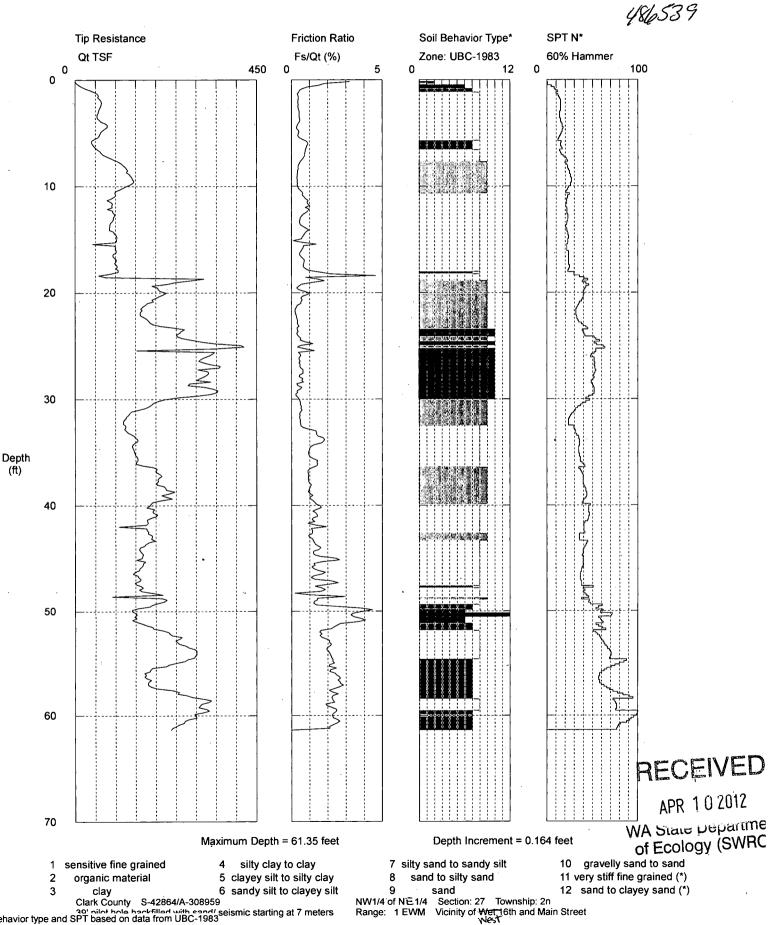
Job Number: XL-3604-G Boring: CRC-TR-12si-12

UBMIT ONE WELL REPORT PER W instruction/Decommission ("x" in box) Construction Decommission RIGINAL INSTALLATION Notice of Intent		Property Owner <u>W</u>	Type of Well ("x in box) Resource Protection Geotech Soil Boring SDOT
RIGINAL INSTALLATION Notice of mient	Number.		nity of West 16th and Main St.
onsulting Firm _WSDOT	·····		County Clark
nique Ecology Well IDTag NoBHM-715			_1/4 <u>NE 1/4 Sec 27 Twn 2 N R 1</u>
ELL CONSTRUCTION CERTIFICATIO cept responsibility for construction of this well, and it ashington well construction standards. Materials used over are true to my best knowledge and belief. Driller Engineer Traince	s compliance with all	EWM 🛛 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No	4 🗌 Lat Deg Min Sec Long Deg Min Sec
me (Print Last, First Name) <u>Shepherd, Robert</u> riller/Engineer /Trainee Signature	- 11 Stuated 17	Cased r Uncased I	Diameter7" Static Level36.2'
riller of Trainee License No. 2710			on Start Date 3/15/2012
trainee, licensed driller's Signature and	License Number		on Completed Date3/21/2012
a united needsta ai mer s signature and			
Construction Design	Well 1	Data	Formation Description
0-2 ft		Juni	0 - 0.2 ft Pavement
Top Seal			0.2 - 4 ft Gravel with sand and silt
-			4 - 6 ft Silt
2 - 134.5 ft Inclinometer in grout			6 - 9 ft Sand with silt
			9 - 12.5 ft Sand
134.5 - 149.1 ft			12.5 - 16 ft Sand with silt
Bottom seal			16 - 23.5 ft Silt
	-		23.5 - 39 ft Gravel with sand and silt
			39 - 49 ft Sand
			49 - 64 ft Sand with silt
			64 - 74 ft Sand
			74 - 99 ft Sand with silt
· · · · · · · · · · · · · · · · · · ·			99 - 149.1 ft Gravel with sand and silt
			·
			RECEIVED
	X		ar na presente nover statutes for the spectro discussion discussion.
			APR 1 0 2012
			שם שepartment of Ecology (SWRO)
	1		· · ·

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Operator: Brian Hilts Lic#: 2249 Sounding: CPT-2A-12 Cone Used: DSG0302

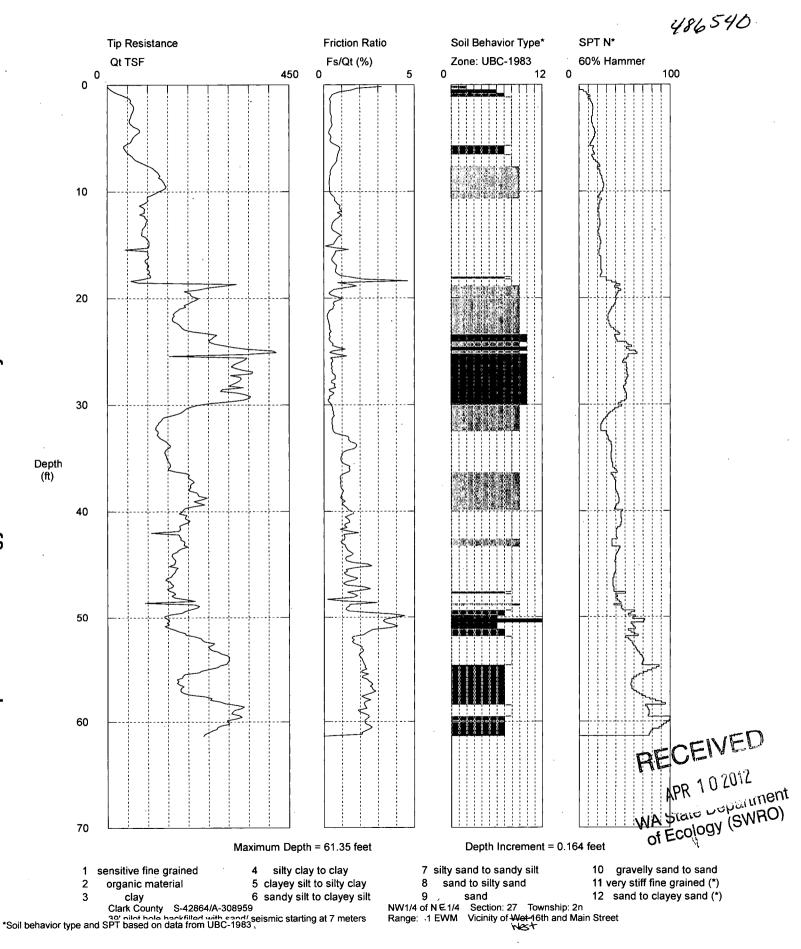
CPT Date/Time: 3/21/2012 1:57:03 PM Location: N: 117007 E: 1084805 Job Number: XL-3604G CRC - Transit Park & Ride (CPTs)



\*Soil behavior type and SPT based on data from UBC-1983

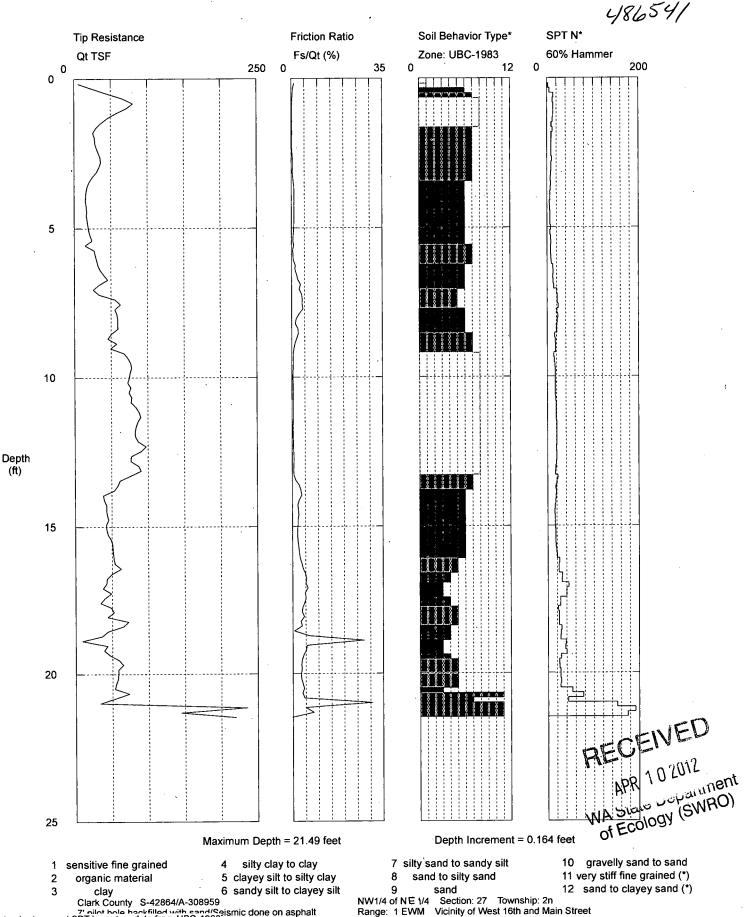
Operator: Brian Hilts Lic#: 2249 CPH Sounding: CPT-2A-12 Cone Used: DSG0302

CPT Date/Time: 3/21/2012 1:57:03 PM Location: N: 117007 E: 1084805 Job Number: XL-3604G CRC - Transit Park &Ride (CPTs)



Operator: Brian Hilts Lic#: 2249 Sounding: CPT-1-12 Cone Used: DSG0302

CPT Date/Time: 3/19/2012 2:18:58 PM Location: N: 116822 E: 1084865 Job Number: XL-3604G CRC-Transit Parn&Ride (CPTs)

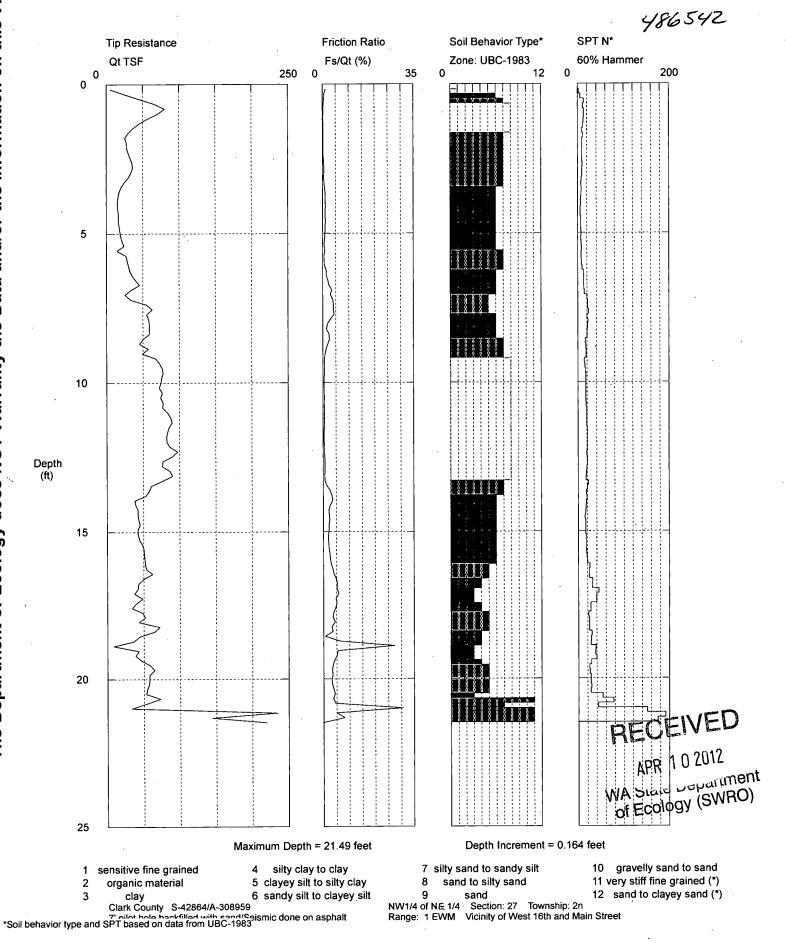


(ft)

7' allot bolk backfilled with cand/Seismic done on asphalt \*Soil behavior type and SPT based on data from UBC-1983

Operator: Brian Hilts Lic#: 2249 BBC Sounding: CPT-1-12 Cone Used: DSG0302

CPT Date/Time: 3/19/2012 2:18:58 PM Location: N: 116822 E: 1084865 Job Number: XL-3604G CRC-Transit Parn&Ride (CPTs)



Property Owner <u>CARLSC</u> Site Address <u>1510 C ST.</u> City <u>VANCOUVER</u> Location <u>NW1/4-1/4 NW1/</u> Lat/Long (s, t, r Lat still REQUIRED) Lor Tax Parcel No Cased or Uncased Diamet Work/Decommission Start Work/Decommission Com	County CLARK           /4         Sec 27         Twn 2         R 1         Select One         Decision           nt Deg         Lat Min/Sec         Dong Deg         Long Min/Sec           ong Deg         Long Min/Sec         Decision         Decision           eter         8"         Static Level         Decision           rt Date         7/21/15         Decision         Decision
Property Owner <u>CARLSC</u> Site Address <u>1510 C ST.</u> City <u>VANCOUVER</u> Location <u>NW1/4-1/4 NW1/</u> Lat/Long (s, t, r Lat still REQUIRED) Lor Tax Parcel No Cased or Uncased Diamed Work/Decommission Start Work/Decommission Com	ON TESTING County CLARK /4 Sec 27 Twn 2 R 1 Select One Control Deg Lat Min/Sec marker are reader for the select one Tester are reader for the reader for the select one Tester are reader for tester areader for tester a
Site Address <u>1510 C ST.</u> City <u>VANCOUVER</u> Location <u>NW1/4-1/4 NW1/</u> Lat/Long (s, t, r Lat still REQUIRED) Lor Tax Parcel No. Cased or Uncased Diamet Work/Decommission Start Work/Decommission Com II Data C CHIPS 0-19'	County CLARK /4 Sec 27 Twn 2 R 1 Select One 2 at Deg Lat Min/Sec ong Deg Long Min/Sec eter 8" Static Level rt Date 7/21/15 npleted Date 7/21/15 Formation Description 0-1' COBBELS / GRAVELS
City VANCOUVER Location <u>NW</u> 1/4-1/4 <u>NW</u> 1/ Lat/Long (s, t, r Lat still REQUIRED) Lor Tax Parcel No Cased or Uncased Diamet Work/Decommission Start Work/Decommission Com II Data	/4 Sec 27 Twn 2 R1       Select One 2         at Deg Lat Min/Sec         ong Deg Long Min/Sec         eter 8" Static Level         rt Date 7/21/15         npleted Date 7/21/15         Formation Description         0-1' COBBELS / GRAVELS
Location <u>NW</u> 1/4-1/4 <u>NW</u> 1/ Lat/Long (s, t, r Lat still REQUIRED) Lor Tax Parcel No Cased or Uncased Diamet Work/Decommission Start Work/Decommission Com II Data	/4 Sec 27 Twn 2 R1       Select One 2         at Deg Lat Min/Sec         ong Deg Long Min/Sec         eter 8" Static Level         rt Date 7/21/15         npleted Date 7/21/15         Formation Description         0-1' COBBELS / GRAVELS
Lat/Long (s, t, r Lat still REQUIRED) Lor Tax Parcel No Cased or Uncased Diamet Work/Decommission Start Work/Decommission Com II Data	the Deg Lat Min/Sec bong Deg Long Min/Sec eter <u>8"</u> Static Level the <u>7/21/15</u> mpleted Date <u>7/21/15</u> Formation Description 0-1' COBBELS / GRAVELS
Work/Decommission Com Il Data I CHIPS 0-19'	npleted Date 7/21/15 Formation Description 0-1' COBBELS / GRAVELS
II Data r CHIPS 0-19'	Formation Description 0-1' COBBELS / GRAVELS
r CHIPS 0-19	0-1' COBBELS / GRAVELS
r CHIPS 0-19	0-1' COBBELS / GRAVELS
	1-18' SADY SILT TO SILTY SAND
1	18-19' COARSE SAND AND GRAVE
	TERMINATED AT 19'
	RECEIVED AUG 0 3 2015 WA State Departmen of Ecology (SWRO)

Please print, sign and	return by mail to	Department of Ecology
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t inere brind night and research all their	to separate
<b>RESOURCE PROTECTION WELL REPORT</b>	CU
(SUBMIT ONE WELL REPORT PER WELL INSTALLED)	
Construction/Decommission (select one)	
Construction	
Decommission ORIGINAL INSTALLATION Notice	
of Intent Number	Property

Construction/Design

1"=10"

ECY 050-12 (Rev. 2/03)

### RRENT Notice of Intent No. SE 55429

Туре	of Well (select one)	
	<b>Resource Protection</b>	
V	Geotech Soil Boring	

TION Notice						
r	Property Owner CAL	LSON TESTING	1			
	Site Address 1510 C	ST.				
	City VANCOUVER	County	CLARK			
ON: 1 constructed and/or i its compliance with all sed and the information reported .EN MEEUWSEN	Location <u>NW</u> 1/4-1/4 Lat/Long (s, t, r still REQUIRED)	<u>NW1/4</u> Sec <u>27</u>	Select One TV EWM			
le Maur	Tax Parcel No Cased or Uncased Di Work/Decommission Work/Decommission	Start Date 7/21/1	E SURVE -			
V	Vell Data	Form	nation Description			
BCAKFILLED BE	NT CHIPS 0-19	0-1' COBBELS / GRAVELS				
		1-18' SADY SI	LT TO SILTY SAND			
		18-19' COARS	E SAND AND GRAVELS			

**TERMINATED AT 19'** 

RECEIVED

AUG 0 3 2015 WA State Department

of Ecology (SWRO)

1 1 SCALE: 1"= \_ Page\_ of

Ecology is an Equal Opportunity Employer.

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

CURRENT
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Notice of Intent No.

AE17519

Construction/Decommission	P12171-	6712	1	Type of Well	48	3153
Construction			1			-
X Decommission ORIGINAL INSTALLATION of Intent Number		Property Own Site Address	er		Soil Boring ARD A FISCH	
Consulting Firm EVERGREEN EN	VIRONMENTAL		VANCO	OUVER		<u> </u>
Geotechnical Soil Boring Hole # 5 WELL CONSTRUCTION CERTIFICATION: 1 constructed and construction of this well, and its compliance with all Washington Materials used and the information reported above are true to my	or accept responsibility for well construction standards	Location Lat/Long (s,t,r still Required)	Lat Deg	1/4 <u>NW</u> Sec	Lat Min	
X Driller Trainee Name (Print) MA Driller/Trainee Signature	RC CHALONA			2.25"		Static Level N/A
		Work/Decommis	ssion Start D	ate	5/21/2	012
If trainee, licensed driller's		Work/Decommis	sion Comple	eted Date	5/21/2	012
Construction/Design				Fo	rmation Descri	ption
	CONCRETE SUR	FACE SEAL 0 - 1	FT		0 - 14 AND	FTFT
						FT FT
┥	BACKFILL	1 - 14	FT			FT FT
	BENTO	NITE CHIPS				FT
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						FT
						FT
				RE	CEIVE	Ðſ
	DEPTH OF BORING	14	FT	WA Sia	CEIVE R 3 0 2013 Le Departm Ogy (SWR	FT
				of Ecol	ogy (SWR	Ö)

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Notice of Intent No.

AE17519

			_	e or meen			
Construction/Decommission	P12171	P12171-6712		Type of Well		483150	
Construction			<b>—</b> .	,		40-	
X Decommission ORIGINAL INSTALLAT. of Intent Number		Property Own	er	XGeote		Soil Boring RD A FISCHE	CR
		Site Address		-202	2 E MIL	L PLAIN BLV	/D
Consulting Firm <b>EVERGREEN</b>	ENVIRONMENTAL	City	VANCO	DUVER		County	CLARK
Geotechnical Soil Boring Hole # 4		Location	1/4 <u>NW</u>	1/4 <b>NW</b>	Sec	27 Twn 2N	EWM R <u>1E</u> or WWM
WELL CONSTRUCTION CERTIFICATION: 1 constructed construction of this well, and its compliance with all Washing Materials used and the information reported above are true to	ton well construction standards	Lat/Long (s,t,r still Required)	Lat Deg Long Deg			Lat Min/S Long Min	Sec n/Sec
	IARC CHALONA	Tax Parcel No. Cased or <u>Uncase</u>					Static Level N/A
Driller/Trainee License No.	3000	Work/Decommi					
		Work/Decommis	ssion Compl	eted Date		5/21/20	12
Construction/Design	-1			1	Foi	mation Descrip	otion
	- CONCRETE SUR	EACESEAL				) - 5 AND	FT
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	BENTO	NITE CHIPS					FT
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	DEPTH OF BORING	5	FT		A	PR 3 0 2013	
					NA Of Eco	Hogy (SWF	nent <del>10)</del>

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

### **CURRENT**

Notice of Intent No.

County CLARK

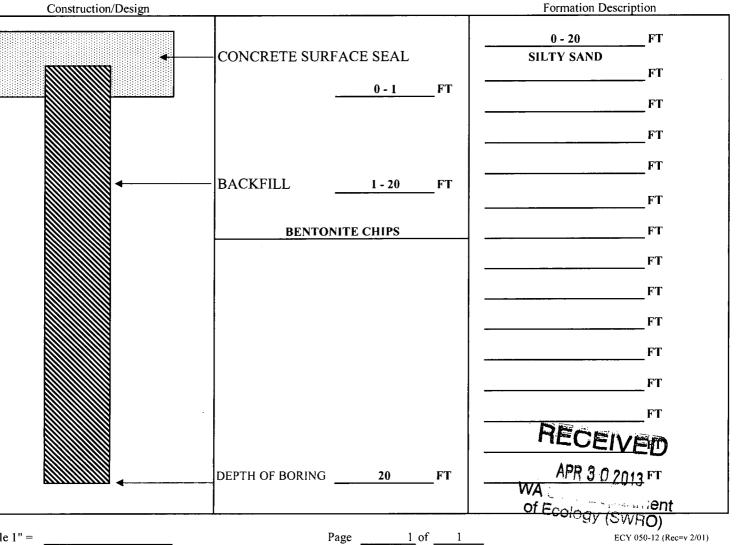
AE17519

483149

Construction/Decommission	P12171-	-6712	Type of	Well	4
Construction		•••=	1		
X Decommission ORIGINAL INSTALLATIO	ON Notice		XGeote	echnical Soil Boring	
of Intent Number	EE03999	Property Own	er	EDWARD A FISC	HER
		Site Address	202	2 E MILL PLAIN B	LVD
Consulting Firm <b>EVERGREEN E</b>	NVIRONMENTAL	City	VANCOUVER	County	
Castashrinal Sail Daring		Leastion	1/4 NINK 1/4 NINK	See <b>27</b> Tur	<b>2</b> NI

					EWM
Geotechnical Soil Boring		Location	1/4 NW 1/4 NW	Sec 2	27 Twn 2N R 1E or
Hole #	3				WWM
WELL CONSTRUCTION CERTIFICATION	: I constructed and/or accept responsibility for	Lat/Long (s,t,r	Lat Deg		Lat Min/Sec
construction of this well, and its compliance w	ith all Washington well construction standards	still Required)	Long Deg		Long Min/Sec
Materials used and the information reported ab	ove are true to my best knowledge and belief				
		Tax Parcel No.			
X Driller Trainee Name (Print)	MARC CHALONA				
Driller/Trainee Signature	an the	Cased or Uncase	d_Diameter	2.25"	Static Level N/A
Driller/Trainee License No.	3000				
		Work/Decommi	ssion Start Date		5/21/2012
If trainee, licensed driller's					
Signature and License No.	· · ·	Work/Decommis	ssion Completed Date		5/21/2012

Construction/Design



(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

### CURRENT

Notice of Intent No.

AE17519

Construction/Decommission	P12171	-6712		Type of We	11	483145
Construction					iaal Cail Daai	
X Decommission ORIGINAL INSTALLATIO		Proporty Own			iical Soil Boring	UFD
of Intent Number	EE03999	Property Own Site Address	er		MILL PLAIN E	
Consulting Firm EVERGREEN E	NVIRONMENTAI		VANCO	UVER		
			VALCO		County _	EWM
Geotechnical Soil Boring Hole # 1		Location	1/4 <b>NW</b>	1/4 <u>NW</u> Se	ec <u>27</u> Twn	2N R 1E or WWM
WELL CONSTRUCTION CERTIFICATION: I constructed a construction of this well, and its compliance with all Washingt		Lat/Long (s,t,r still Required)	Lat Deg		Lat M	lin/Sec Min/Sec
Materials used and the information reported above are true to r		still required)	Long Dog		2011g	
		Tax Parcel No.				
	ARC CHALONA	· ·		_		
	2000	Cased or Uncase	ed_Diameter	2	.25"	Static Level N/A
Driller/Trainee License No.	3000	Work/Decomini	coion Start D		5/71	/2012
If trainee, licensed driller's		Work/Decommi	ssion Start Da		5/21	2012
		Work/Decommi	ssion Comple	ted Date	5/21	/2012
Construction/Design					Formation Des	cription
					0 - 35	FT
	- CONCRETE SUR	FACE SEAL		S	SILTY SAND	
				~		FT
		0 - 1	FT			
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						FT
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▲	- BACKFILL	1 - 35	FT			
						FT
	BENTO	NITE CHIPS				FT
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	DEPTH OF BORING	35	FT	——	Α <del>διαιο συρ</del>	artinlent
				0	f Ecology (S	SWRO)

Scale 1" =

ECY 050-12 (Rec=v 2/01)

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

## CURRENT

Notice of Intent No.

AE17519

Construction/Decommission	P12171-	6712	1	Type of	Well	U	83146
Construction		-0/12	J			70	10770
X Decommission ORIGINAL INSTALLATION of Intent Number		Property Own Site Address	er		EDWA	Soil Boring RD A FISCHI L PLAIN BLV	
Consulting Firm <b>EVERGREEN EN</b>	VIRONMENTAL		VANCO	DUVER			CLARK
Geotechnical Soil Boring Hole # 2 WELL CONSTRUCTION CERTIFICATION: I constructed and		Location Lat/Long (s,t,r	Lat Deg	1/4 <b>NW</b>		<u>27</u> Twr. 2N Lat Min/2	WWM Sec
	best knowledge and belief						
Driller/Trainee Signature Man C Driller/Trainee License No. 3	000	Cased or <u>Uncase</u>				5/21/20	Static Level <u>N/A</u>
If trainee, licensed driller's	· · · · · · · · · · · · · · · · · · ·					5/21/20	
Construction/Design	-CONCRETE SUR	FACE SEAL	FT		0	mation Descrip - 15 Y SAND	otion FT FT FT FT
<b>↓</b>	BACKFILL	1 - 15 NITE CHIPS	FT	· · · · ·			FT FT
							FT FT FT
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	DEPTH OF BORING	15	FT		APP A Sian f Ecolo	CEIVE 3 0 2013 Departmo Pay (SWRC	DFT FT ent

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Page <u>1</u> of <u>1</u>

GEOTECHNICAL BOR (SUBMIT ONE WELL REPORT PER WE				RENT e of Intent No	EE03999
Construction/Decommission	P12171	-6712	].	Type of Wel	
X Construction		0/12			483151
Decommission ORIGINAL INSTALLA of Intent Number	TION Notice	Property Own			cal Soil Boring WARD A FISCHER
		Site Address			MILL PLAIN BLVD
Consulting Firm <b>EVERGREEN</b>	ENVIRONMENTAL	City	VANCO	UVER	County CLARK
Geotechnical Soil Boring Hole #4		Location	1/4 <b>NW</b>	1/4 <b>NW</b> See	
WELL CONSTRUCTION CERTIFICATION: I constructed	ed and/or accept responsibility for	Lat/Long (s,t,r			
construction of this well, and its compliance with all Washi	ngton well construction standards	still Required)	Long Deg		Long Min/Sec
Materials used and the information reported above are true	to my best knowledge and belief	Tax Parcel No.			040170000
X Driller Trainee Name (Print) Driller/Trainee Signature		Cased or Uncase	d Diameter	2.	25'' Static Level N/.
Driller/Trainee License No.	3000				
		Work/Decommis	ssion Start Da	ite	5/21/2012
If trainee, licensed driller's		Work/Decommis	sion Comple	ted Date	5/21/2012
Construction/Design	· · · · · · · · · · · · · · · · · · ·			· ·	Formation Description
					0-5 FT
	CONCRETE SUF	FACE SEAL			SAND
					FT
		0 - 1	FT		FT
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· · · · · · · · · · · · · · · · · · ·	BACKFILL	1 - 5	FT		FT
					F1
	BENTC	NITE CHIPS			FT
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					FT
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					RECEIVED
	DEPTH OF BORING	5	FT		
					APR 3 0 2013 VA State Department of Ecology (SWPO) ECY 030-12 (Rec=v 2/01)
				<u> </u>	VA State Department

(SUBMIT ONE WELL REPORT PER WE			Notice of I		EE0.	3999
Construction/Decommission	P12171	-6712	Typ	e of Well	483.	152
Decommission ORIGINAL INSTALLA	TION Notice		X	Geotechnical		
	、 			EDWA	ARD A FISCHER	
Consulting Firm EVEDODEEN	ENIXIDONIMENTAI	Site Address	VANCOUV		LL PLAIN BLVD	LARK
Consulting Firm <b>EVERGREEN</b>	ENVIKONMENTAL	City	VANCOUV		County CI	EWN
Geotechnical Soil Boring Hole #5		Location	1/4 <u>NW</u> 1/4 <u>1</u>	NW Sec	<u>27</u> Twn <u>2N</u> R	<u>IE</u> or WW
WELL CONSTRUCTION CERTIFICATION: I construct	ed and/or accept responsibility for	Lat/Long (s,t,r				
construction of this well, and its compliance with all Washi		still Required)	Long Deg		Long Min/Sec	
Materials used and the information reported above are true	to my best knowledge and belief MARC CHALONA	Tax Parcel No.		. 0	40170000	
Driller/Trainee Signature	Chi	Cased or Uncase	<u>d</u> Diameter	2.25"	<sup>•</sup> Static	Level N
Driller/Traince License No.	3000				5/21/2012	
f trainee, licensed driller's						
Signature and License No.	· · · · ·	Work/Decommis	sion Completed E	ate	5/21/2012	
Construction/Design		· · · · · · · · · · · · · · · · · · ·		Fo	rmation Description	
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┫		FACE SEAL	-		AND	
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	DEPTH OF BORING	. 14	FT	A		· .
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GEOTECHNICAL BO (SUBMIT ONE WELL REPORT PER W				CURRENT Notice of Intent No.		EE03999
Construction/Decommission	<b>P12171</b>	-6712	г [	ype of Well		
X Construction		0/12	1			483148
Decommission ORIGINAL INSTALL					al Soil Boring	
of Intent Number			er		VARD A FISC	
Consulting Firm <b>EVERGREEN</b>	I ENVIRONMENTAL	Site Address City	VANCOU			CLARK
Geotechnical Soil Boring Hole # 3						EW 2N R 1E or WW
WELL CONSTRUCTION CERTIFICATION: 1 construct		Lat/Long (s,t,r	Lat Deg		Lat Mi	in/Sec
construction of this well, and its compliance with all Wash	nington well construction standards	still Required)				Min/Sec
Materials used and the information reported above are tru		Tax Parcel No.			040170000	
X Driller Trainee Name (Print) Driller/Trainee Signature	MARC CHALONA	Cased or <u>Uncase</u>	d_Diameter	2.2	5"	Static Level N
Driller/Trainee License No.	3000	Work/Decommis	sion Start Date		5/21/	2012
If trainee, licensed driller's					5/21/	
Construction/Design		work Decommis	sion complete		Formation Desc	
Fandanananananananananananananananananan						• <u>• • • • • • • • •</u>
		FACE SEAL		SI	<u>0 - 20</u> LTY SAND	FT
						FT
		0 - 1	FT			FT
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	BACKFILL	1 - 20	FT			FT
	BENTO	NITE CHIPS				FT
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	DEPTH OF BORING	20	FT		RECEI	VED
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Scale 1" =		Page1	of	- of	A State Der Ecology /	2013 29 <b>rtment</b> 2/01) SWRO)

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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

### **GEOTECHNICAL BORING REPORT CURRENT** EE03999 (SUBMIT ONE WELL REPORT PER WELL INSTALLED) Notice of Intent No. 483147 P12171-6712 **Construction/Decommission Type of Well X** Construction X Geotechnical Soil Boring Decommission ORIGINAL INSTALLATION Notice of Intent Number Property Owner **EDWARD A FISCHER 202 E MILL PLAIN BLVD** Site Address Consulting Firm EVERGREEN ENVIRONMENTAL City VANCOUVER County CLARK EWM 1/4 NW 1/4 NW Sec <u>27</u> Twr <u>2N</u> R <u>1E</u> or Geotechnical Soil Boring Location Hole # 2 WWM WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for Lat/Long (s,t,r Lat Deg \_\_\_\_\_ Lat Min/Sec \_\_\_\_ still Required) Long Deg Long Min/Sec construction of this well, and its compliance with all Washington well construction standards Tax Parcel No. 040170000 Materials used and the information reported above are true to my best knowledge and belief X Driller Trainee Name (Print) MARC CHALONA Driller/Trainee Signature Man Chal Cased or <u>Uncased</u> Diameter <u>2.25"</u> Static Level <u>N/A</u> Driller/Trainee License No. 3000 Work/Decommission Start Date 5/21/2012 If trainee, licensed driller's Work/Decommission Completed Date \_\_\_\_\_5/21/2012 Signature and License No. Construction/Design Formation Description 0 - 15 \_\_\_\_\_FT CONCRETE SURFACE SEAL SILTY SAND FT 0 - 1 FT \_\_\_\_\_FT FT \_\_\_\_\_FT BACKFILL 1 - 15 FT \_\_\_\_\_FT \_\_\_\_\_FT **BENTONITE CHIPS** FT \_\_\_\_\_FT \_\_\_\_\_ FT \_\_\_\_\_FT \_\_\_\_\_\_ FT \_\_\_\_\_ FT FT RECEIVED DEPTH OF BORING 15 FT APR 3 0 2013 WA State Department of Ecology (SWRO) Scale 1" = Page <u>1 of 1</u>

GÉOTECHNICAL BORI (SUBMIT ONE WELL REPORT PER WELL				RENT of Intent No.	EE03999
Construction/Decommission	P12171	-6712		Type of Well	ig 71/1/
X Construction			1		483144
Decommission ORIGINAL INSTALLATIO			-	X Geotechnica	
of Intent Number	۰ 	Property Owne Site Address	r		ARD A FISCHER
Consulting Firm <b>EVERGREEN E</b>	NVIRONMENTAL		VANCO	JVER	
Geotechnical Soil Boring Hole # 1	~	Location	1/4 <u>NW</u>	/4 NW Sec	EWM <u>27</u> Twn <u>2N</u> R <u>1E</u> or WWM
WELL CONSTRUCTION CERTIFICATION: 1 constructed a	nd/or accept responsibility for	Lat/Long (s,t,r	Lat Deg		Lat Min/Sec
construction of this well, and its compliance with all Washington	n well construction standards	still Required)	Long Deg	· · · ·	Long Min/Sec
Materials used and the information reported above are true to r		Tax Parcel No.			040170000
Driller/Trainee Signature	ARC CHALONA	Cased or <u>Uncased</u>	Diameter	2.25	Static Level <u>N/A</u>
		Work/Decommiss	sion Start Dat	e	5/21/2012
If trainee, licensed driller's Signature and License No.		Work/Decommiss	sion Complete	ed Date	5/21/2012
Construction/Design				F	ormation Description
					0 - 35 FT
	- CONCRETE SUR	FACE SEAL		SIL	ΓY SAND
		0 - 1	FT		FT
					FT
					FT
					FT
	- BACKFILL	1 - 35	FT		FT
	BENTO	NITE CHIPS			FT
				-	FT
				REC	EIVED_FT
	DEPTH OF BORING	35	FT	APR :	<del>3 0 2013 FT</del>
· · · ·				WA State	Department
Scale 1" =		Page 1			<b>CY (SWRO)</b> ECY 050-12 (Rec=v 2/01)

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GEOTECHNICAL BORI			CURF Notice	RENT of Intent No.	EE03999
Construction/Decommission	P12171	6712	<b>]</b> 1	Type of Well	
X Construction		0/12	1		483154
Decommission ORIGINAL INSTALLATIC of Intent Number	DN Notice	Property Own			al Soil Boring VARD A FISCHER
		Site Address			ILL PLAIN BLVD
Consulting Firm <b>EVERGREEN E</b>	NVIRONMENTAL	City	VANCOL	VER	County CLARK
Geotechnical Soil Boring Hole # 6		Location	1/4 <b>NW</b> 1	/4 <u>NW</u> Sec	<u>27</u> Twn <u>2N</u> R <u>1E</u> or W
WELL CONSTRUCTION CERTIFICATION: 1 constructed an	d/or accept responsibility for	Lat/Long (s,t,r			
construction of this well, and its compliance with all Washington	n well construction standards	still Required)	Long Deg		Long Min/Sec
Materials used and the information reported above are true to m	y best knowledge and belief	Tax Parcel No.			040170000
	Chi-	Cased or Uncase	d Diameter	2.2	5" Static Level
	3000				
		Work/Decommis	sion Start Date	e	5/21/2012
Cigneture and License No.		Work/Decommis	sion Complete	d Date	5/21/2012
		() one 2 coontinue			
Construction/Design					Formation Description
					0 - 3 FT
	-CONCRETE SUR	FACE SEAL			SAND FT
		0 - 1	FT		F [
					FT
					FT
					FT
	-BACKFILL	1 - 3	FT	·	F 1
		· · ·			FT
	BENTO	NITE CHIPS			FT
					· · · · · · · · · · · · · · · · · · ·
					FT
					r I
				<u></u>	FT
				-RE(	CEIVED_FT
				AP	<del>3 0 2013 <sup>FT</sup></del>
	DEPTH OF BORING	3	FT	WA Siai	<u>e Department</u> гт logy (SWRO)

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

### CURRENT

Notice of Intent No.

AE17519

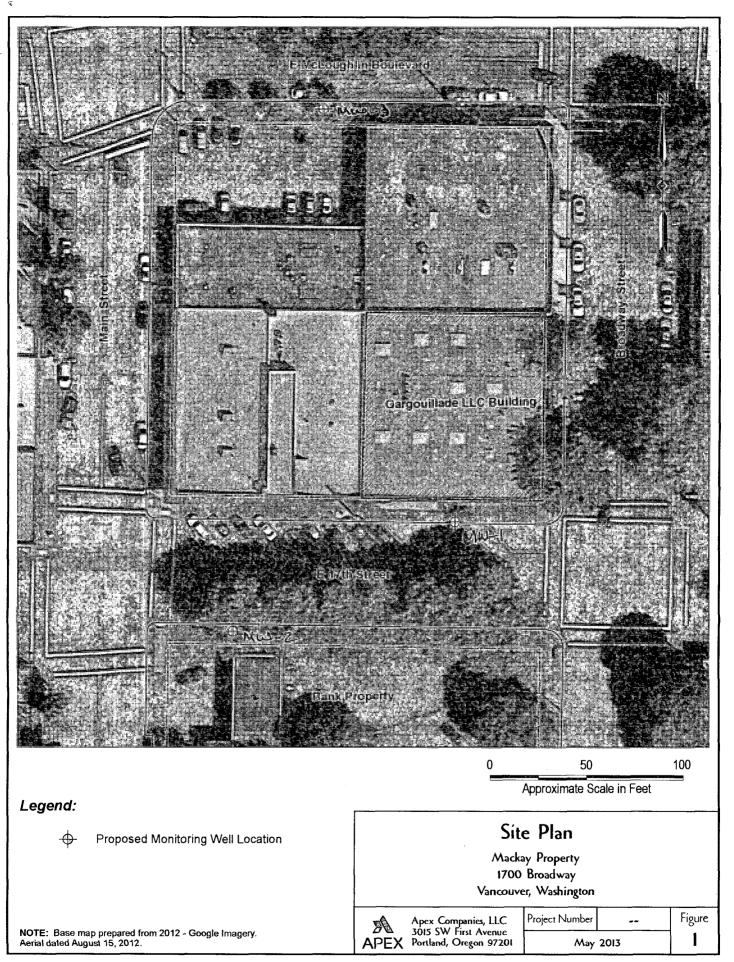
Construction/Decommission	P12171-	-6712	1	Type of V	Well	4	183155	2
Construction			J			r		
X Decommission ORIGINAL INSTALLATIO of Intent Number		Property Own	er		EDWA	Soil Boring RD A FISCHE		
Consulting Firm EVERGREEN EN	WIDONMENTAL	Site Address	VANCO	DUVER		L PLAIN BLV County		
Geotechnical Soil Boring Hole #6		Location	1/4 <u>NW</u>	1/4 <b>NW</b>	Sec	Twn	EW R <u>1E</u> or WW	
WELL CONSTRUCTION CERTIFICATION: I constructed and construction of this well, and its compliance with all Washington Materials used and the information reported above are true to my X Driller Trainee Name (Print) MA	well construction standards	Lat/Long (s,t,r still Required) Tax Parcel No.	Long Deg			Long Min	I/Sec	
Driller/Trainee Signature Driller/Trainee License No.	<i>Ch</i>	Cased or Uncase					Static Level <u>N</u>	/ <u>A</u>
If trainee, licensed driller's						<u>5/21/20</u> 5/21/20		
Construction/Design			, in the second s			mation Descrip		
	- CONCRETE SUR	FACE SEAL				- 3 AND	FT FT	
		0 - 1	FT				– <sup>FT</sup> FT	
<b>↓</b>	BACKFILL	1-3	FT				FT	
	BENTO	NITE CHIPS					- <sup>FT</sup> FT	
							FT	
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					R	ECEIVI	ΞĎ	
	DEPTH OF BORING	3	FT		WAS	APR 3 0 201 <del>Iaic Depan</del> Cology (SW	FI Toopt	
							_ ,	

	CE PROTECTION		CURREN	ent of Ecology T Notice of Intent No	. <u>RE08913</u>
Construction/	<b>Decommission</b> ("x" in box)	ell installed)		<b>Type of Well</b> (" $x$ in be Resource Protecti	ion 495107
Decommis	sion STALLATION Notice of Intent	Number	Property Owner (	Geotech Soil Bor	Ing
ONIOINAL III.	5	Number.		BROADWAY ST	
Consulting Fire	m			ER County CLARI	К
Unique Ecolog	y Well IDTag No. <u>BHR033</u>		•	1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2</u> N	
WELL CONST	<b>FRUCTION CERTIFICATION</b>	N: I constructed and/or	EWM 🛛 or WW		
Washington well c	ty for construction of this well, and its onstruction standards. Materials used by best knowledge and belief.		Lat/Long (s, t, r still REQUIRED)	Lat Deg Min Min	
🛛 Driller 🗋 Eng	zineer 🗖 Trainee		Tax Parcel No.41		Sec
Name (Print Last,	First Name) JOHNSON, MARCUS		Cased or Uncased	Diameter 3/4" Sta	tic Level 37'
Driller or Train	er /Trainee Signature Man nee License No. 3040			sion Start Date 8/27/2013	
				sion Completed Date 8/27/2	
If trainee, lice	nsed driller's Signature and	License Number:	WORK Decommiss	non completed Date <u>orzm</u>	2015
Construct	tion Design MW-1	Well		Formation 1	Description 0"5
	FLUSH MONUMENT 0-1'	USING 3.5" DIREC			0.0
		METHOD.			
		FLUSH MONUME	NT	GRAVEL	.5"-8
	BENTONITE GROUT SEAL: 0'-31'	SEAL: 0'-31' USING BENTONITE GRO		SILTY SAND	8"-7
	3/4" PVC RISER: 0'-33'	3/4" RISER: 0'-33'		FINE SAND	7'-14
	с. r 26	FILTER PACK: 31	-43'		
				GRAVEL	14'-14.3
	STATIC WATER: 37	3/4" PVC PRE-PAC	JK: 33-43		
				COARSE SANDS	14.3'-37
	10x20 SILICA SAND FILTER: 33'-43'				
	3/4" 0.01 SLOT PVC P.P. SCREEN 33'-43'			FINE SANDS	37'-43
43					
					RECEIVE
					0CT 2 2 2013 A State Departm

(SUBMIT ONE Construction/D	<b>CE PROTECTION</b> E WELL REPORT PER WI Decommission ("x" in box)		•	Type of Well ("x in box)	
Construction				Geotech Soil Boring	5109
	TALLATION Notice of Intent	Number:	Property Owner G.	ARQOUILLADE, LLC	
	·		Site Address 1700		
Consulting Firm	I			R County CLARK	
Unique Ecology	Well IDTag No. <u>BHR045</u>	······································		/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u>	
accept responsibility	RUCTION CERTIFICATION	compliance with all	EWM 🛛 or WWM Lat/Long (s, t, r	1	
	nstruction standards. Materials used best knowledge and belief.	and the information reported	still REQUIRED)	Long Deg Min Sec _	
☑ Driller □ Engi	neer 🗖 Traince	$\bigcirc$	Tax Parcel No.410		
Name (Print Last, Fi	irst Name) JOHNSON, MARCUS			Diameter <u>3/4"</u> Static Level <u>54</u>	3,
	/Trainee Signature	an sot			
Driller or Traine	ee License No. 3040	<u>, , , , , , , , , , , , , , , , , , , </u>	Work/Decommissi	on Start Date <u>8/28/2013</u>	
If trainee, licen	sed driller's Signature and	License Number:	Work/Decommissi	on Completed Date 8/28/2013	
Constructi	on Design MW-3	Well I	Data	Formation Descriptio	n
	on Design 191 W-5	WELL DRILLED FF	·····	ASPHALT	0"
	FLUSH MONUMENT 0'-1'	USING 3.5" DIREC			•
		METHOD.			
				GRAVELS	.6"-
		FLUSH MONUMEN	NT		
		SEAL: 0'-43' USING		SILTY SANDS	1'-
	BENTONITE GROUT SEAL: 0'-43'	BENTONITE GROU			-
	3/4" PVC RISER: 0'-45'	3/4" RISER: 0'-45'		FINE SANDS	7'-14
			<b>CC</b> 1		
		FILTER PACK: 43'-	-55'	GRAVELS	14'-1
		3/4" PVC PRE-PAC	`K· 45-55'		
	STATIC WATER: 54.3'		JN. 45-55		
				FINE TO COARSE SANDS	18'-4
	10x20 SILICA SAND FILTER: 43'-55'				
	3/4" 0.01 SLOT PVC P.P. SCREEN 45'-55'			FINE SANDS	40'-5
	-,				
55					
				FINE TAN SANDS	50'-5
					/ = = >
				RECEIN	/EU
				OCT 222	013
				WA State Dep of Ecology (	
				of Ecology (	

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.





	CE PROTECTION \			nt of Ecology Notice of Intent No.	RE08913			
	C WELL REPORT PER WI becommission ("x" in box)	ELL INSTALLED)		Type of Well ("x in bo.	n 495108			
Decommissi				Geotech Soil Borir	lg			
ORIGINAL INST	TALLATION Notice of Intent	Number:		ROOUILLADE, LLC				
Consulting Firm			Site Address <u>1700</u>		······			
	Well IDTag No. <u>BHR044</u>		•	County <u>CLARK</u>				
	RUCTION CERTIFICATION			4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u>	R <u>IE</u>			
accept responsibility	ofor construction of this well, and its	compliance with all						
	nstruction standards. Materials used best knowledge and belief.	and the information reported	Lat/Long (s, t, r still REQUIRED)	Lat Deg Min				
🛛 Driller 🗌 Engir	-	1	Tax Parcel No.4109	Long DegMin_ 90000	Sec			
Name (Print Last, Fi	irst Name) JOHNSON, MARCUS	40		Diameter <u>3/4"</u> Stati	ic Level 37'			
	/Trainee Signature ///////// ee License No. 3040	eus poc		on Start Date <u>8/27/2013</u>				
lf trainee, licen	sed driller's Signature and	License Number:	Work/Decommission	on Completed Date <u>8/27/2</u>	013			
<u></u>								
Constructi	on Design MW-2	Well I		Formation D				
0'	FLUSH MONUMENT 0'-1'	WELL DRILLED FF USING 3.5" DIREC		ASPHALT	0"5			
		METHOD.	1 - 0011					
				GRAVEL	.5"-8			
		FLUSH MONUMEN	NT					
		SEAL: 0'-28' USING		SILTY SAND	8"-7			
	BENTONTTE GROUT SEAL: 0'-28'	BENTONITE GROU			Ċ,			
	3/4" PVC RISER: 0'-30'	3/4" RISER: 0'-30'		FINE SAND	7'-14			
		FILTER PACK: 28'-	40'					
		FILTER FACE. 20-	-40	GRAVEL	14'-14.3			
	STATIC WATER: 37	3/4" PVC PRE-PAC	CK: 30-40'					
				COARSE SANDS	14 2' 27			
	10x20 SILICA SAND FILTER: 28'-40'			CUARSE SANDS	14.3'-37			
	IUX20 SILICA SAIND FILTER: 20 -40							
	3/4" 0.01 SLOT PVC P.P. SCREEN 30'-40'			FINE SANDS	37'-40			
40'								
				1	RECEIVE			
					OCT 22 2013			
				W/	A State Departm			
		1		1,	f Ecology (SWR			

APR-08-1998 16:40 CASCADE DRILLING 425 485 4368 P.02/07 START CARD NO. <u>A 31148</u> PROJECT NAME: Great Western Matting CLARK COUNTY: LOCATION NW 11 NILVA SOC 27 TWN 2N 11 1E WELL IDENTIFICATION NO. \_\_\_\_/~ DRILLING METHOD: Probe/Soil Sample STREET ADDRESS OF WELL: Redney LaBrosse 1701 Industrial Way Vancouver **ONILLER:** л/Л FIRM: Cascade Drilling, Inc WATER LEVEL ELEVATION: GROUND SUNFACE ELEVATION: N/A SIGNATURE: 4/9/98 Inc. /ORE CONSULTING FIRM: Infelder INSTALLED: REPRESENTATIVE ton Yandel / C. Roso NA DEVELOPED: \_ <u>8153</u> WELL DATA GP-3 FORMATION DESCRIPTION AS-DUILT ۳٢ <u>o - 4"et.</u> ASPHACT CONCRETE SURFACE SEAL BACIGFILL CHER 4"-6 tt. LT. BROWN SLITY SAND 4-11 EL. MR.D BROWN SANDY SILT 1 S.W. REGUNAL OFFICE 8 RECEIVÊD BC: DIA 11 AND 208 DEPTH OF DORING 10. 3 PAGE 3 SCALE: 1" . OF. ECY 050-12 (Nov. 11/09)

425 485 4368 P.02/07 CASCADE DRILLING AFR-08-1998 16:40 STANT CAND NO. 431148 PROJECT NAME: Great Western Mathing CLARK COUNTY: \_ LOCATION NW 1/ NIL 1/4 SOC 27 TWO 2N ILE WELL IDENTIFICATION NO. \_ ~/~ ORILLING METHOD: Probe/Soil Sample STREET ADORESS OF WELL: Vancouver 1701 Industrial Way UNILLER: Rodwey Labrosse FIRM: Cascade Drilling, Inc. N/N WATER LEVEL ELEVATION: \_ GROUND SUNFACE ELEVATION: N/A SIGNATURE: Inc. Toke CONSULTING FIRM: Weinfelder 4/9/98 INSTALLED: MA REPRESENTATIVE: V Lon Yandel / C. Roso DEVELOPED: <u>8153</u> WELL DATA GP-**CORMATION DESCRIPTION** AS-DUILY ۳٢ <u>о - 4"ес.</u> АSpHACT ł 1 CONCRETE SURFACE SEAL BACKFILL CHED 4"-6 Et. LT. BROWN SLITY SAND (g - 10 Et. MED BROWN SANDY SILT 8 S.W. HE BIOHAL OF FICE RECEIVED BC: DIA 11 AND :DB DEPTH OF DORING 10. . P 3 SCALC: 1" -PAGE OF ECY 050-12 (Nov. 11/09)

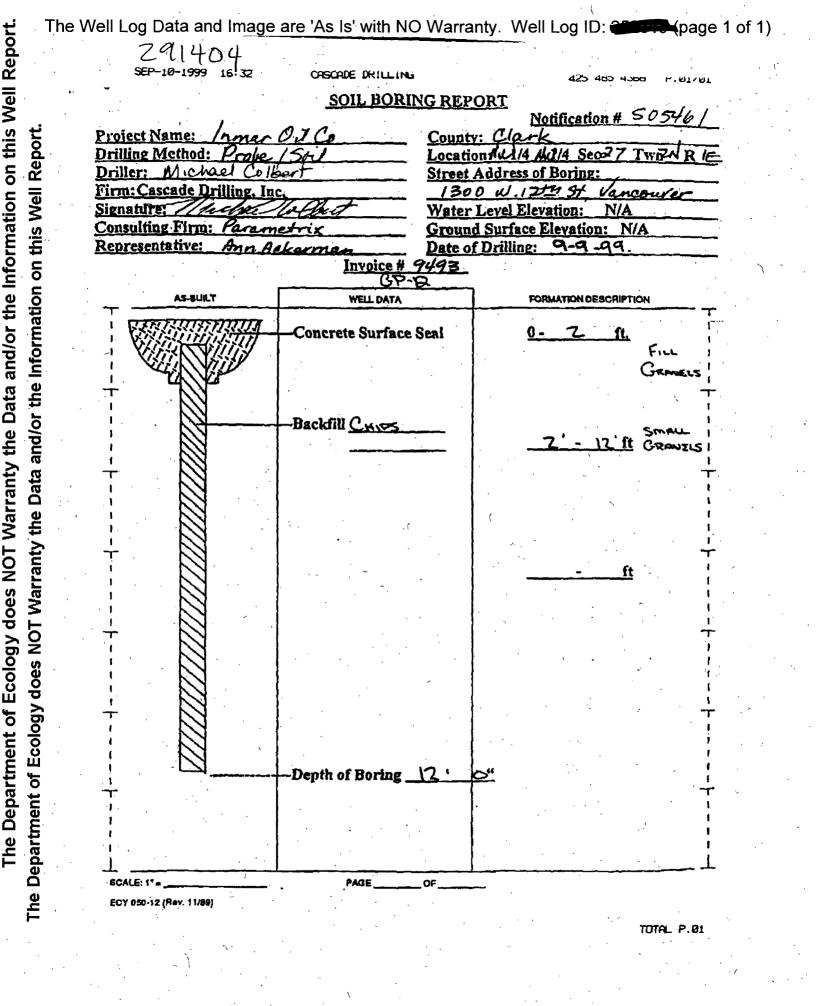
425 485 4368 P.02707 APR-08-1998 16:40 CASCADE DRILLING START CARD NO. 431148 PROJECT NAME: Great Western Matting CLARK COUNTY: \_ LOCATION NW 14 NILVA SOC Z7 TWO ZN ILE WELL IDENTIFICATION NO. \_\_\_\_\_ DRILLING METHOD: Probe/Soil Sample STREET ADDRESS OF WELL: 1701 Industrial Way Vancouver Redney La Brosse **ONILLER:\_** FIRM: Cascade of ling, Inc N/A WATER LEVEL ELEVATION: \_ GROUND SURFACE ELEVATION: \_ N/A SIGNATURE: Inc. /ORE Heinfelder 4/9/98 CONSULTING FIRM:\_ INSTALLED: on Yandell/C. Roso NIM REPRESENTATIVE DEVELOPED: <u>8153</u> WELL DATA GP-2 AS-BUILT FORMATION DESCRIPTION <u>о - 4".cc.</u> АSpHACT CONCRETE SURFACE SEAL BACKFILL CHIC 4"-6 Et. LT. BROWN SLITY SAND 6-10 Et. MED BROWN SANDY SILT 80: 01A 11 YAN 80 S.W. REGIONAL OF FICE RECEIVED DEPTH OF DORING 10' " 3 SCALE: 1" . of \_s Ζ PAGE ECY 050-12 (Nov. 11/09)

**RESOURCE PROTECTION WELL REPORT** START CARD NO. <u>R43714</u> PROJECT NAME: Inman Oil Co. COUNTY: Clark LOCATION: NULA NW Soc 27 TWN ZN R 1E WELL IDENTIFICATION NO. AFF 359 DRILLING METHOD: <u>HSA</u> STREET ADDRESS OF WELL: 1300 41 12th St Vancouver DRILLER: Brian C. Gose WATER LEVEL ELEVATION: 44' FIRM: Cascade\_Drilling, Inc. SIGNATURE: GROUND SURFACE ELEVATION: \_\_\_\_\_ INSTALLED: \_\_\_\_\_\_\_ N/A CONSULTING FIRM: Parametrix, Inc. DEVELOPED: 125 REPRESENTATIVE: Ann Ackerman 9515 AS-BUILT WELL DATA FORMATION DESCRIPTION 0 - 30ft. WELL COVER Brown coarse sandti gracels CONCRETE SURFACE SEAL 4 DEPTH = 3/ftТ <u>30 - 40ft.</u> Brown stilty saud "pvc blank <u>2 "x 40</u> BACKFILL <u>34</u> ft. TYPE: <u>bent Chips</u> Т 40-50ft. Brown/grey time to Mech Same PVC SCREEN 2 "x 10, SLOT SIZE: 610 GRAVEL PACK <u>13 ft.</u> MATERIAL: <u>1/12</u> Sond Ś 1 WELL DEPTH 50 . " PAGE\_\_\_\_\_OF\_\_\_\_ SCALE: 1" =\_ ECY 050-12 (Rov. 11/89) 

**RESOURCE PROTECTION WELL REPORT** START CARD NO. <u>R43714</u> COUNTY: Clark PROJECT NAME: Inman Oil Co. WELL IDENTIFICATION NO. AFF 860 LOCATION: NWA NWA Soc 27 TWN ZN R 15 DRILLING METHOD: HSA STREET ADDRESS OF WELL: The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report 1300 W. 12th St. Vancouver DRILLER: Brian G. Gose WATER LEVEL ELEVATION: 444 FIRM: Cascade Drilling, Inc. N/A SIGNATURE: GROUND SURFACE ELEVATION: INSTALLED: 9720199 CONSULTING FIRM Parametrix, Inc. REPRESENTATIVE: Ann Ackerman DEVELOPED: 105 9515 FORMATION DESCRIPTION AS-BUILT WELL DATA 0 - 30ft. WELL COVER Brown coarse sandti gravels CONCRETE SURFACE SEAL DEPTH = 3/ft<u>30 - 40ft.</u> Brown silty saud .::pvc blank <u>2 "x 40</u> BACKFILL <u>34</u> ft. TYPE: <u>bent Chips</u> 40\_50ft. Brown/grey fine to Mech servel PVC SCREEN 2 "x 10, SLOT SIZE: 010 GRAVEL PACK 13 ft. MATERIAL: 9/12 SGN.0 WELL DEPTH 50 . н SCALE: 1"-PAGE \_\_\_\_\_OF\_ ECY 050-12 (Rev. 11/89)

**RESOURCE PROTECTION WELL REPORT** START CARD NO. R43714 PROJECT NAME: Inman Oil Co. COUNTY: Clark ¥ LOCATION: NULL NILLA Soc 27 TWO ZN R 1E WELL IDENTIFICATION NO. AFF 861 DRILLING METHOD: HSA STREET ADDRESS OF WELL: \_\_\_\_ 1300 41. 12th St. Vanctures DAILLER: Brian G. Gose WATER LEVEL ELEVATION: 52 FIRM: \_\_\_\_Cascade Drilling, Inc. GROUND SURFACE, ELEVATION: N/A SIGNATURE: Bri CONSULTING FIRM: Parametrix, Line. INSTALLED: <u>9/21/99</u> DEVELOPED: <u>7/2.5</u> , REPRESENTATIVE: Ann Ackerman 9515 AS-BUILT WELL DATA FORMATION DESCRIPTION 0 - 55 ft. Brown course simd + gravel WELL COVER CONCRETE SURFACE SEAL DEPTH = q'/ft<u>59-69 ft.</u> .::PVC BLANK 2 ''x 55' Fine to west brown simul BACKFILL <u>48 ft.</u> TYPE: <u>bent. Chips</u> BACKFILL ft. PVC SCREEN 2 "x /0 1 1 SLOT SIZE: ,010 GRAVEL PACK <u>13 ft.</u> MATERIAL: <u>212 Sound</u> Т WELL DEPTH 65 . " SCALE: 1" -PAGE \_\_\_\_OF ECY 050-12 (Rev. 11/89) سردوا الردسيين والمركبة بتوكيد وترد مرواوي ويسربا الأكار بدونوو

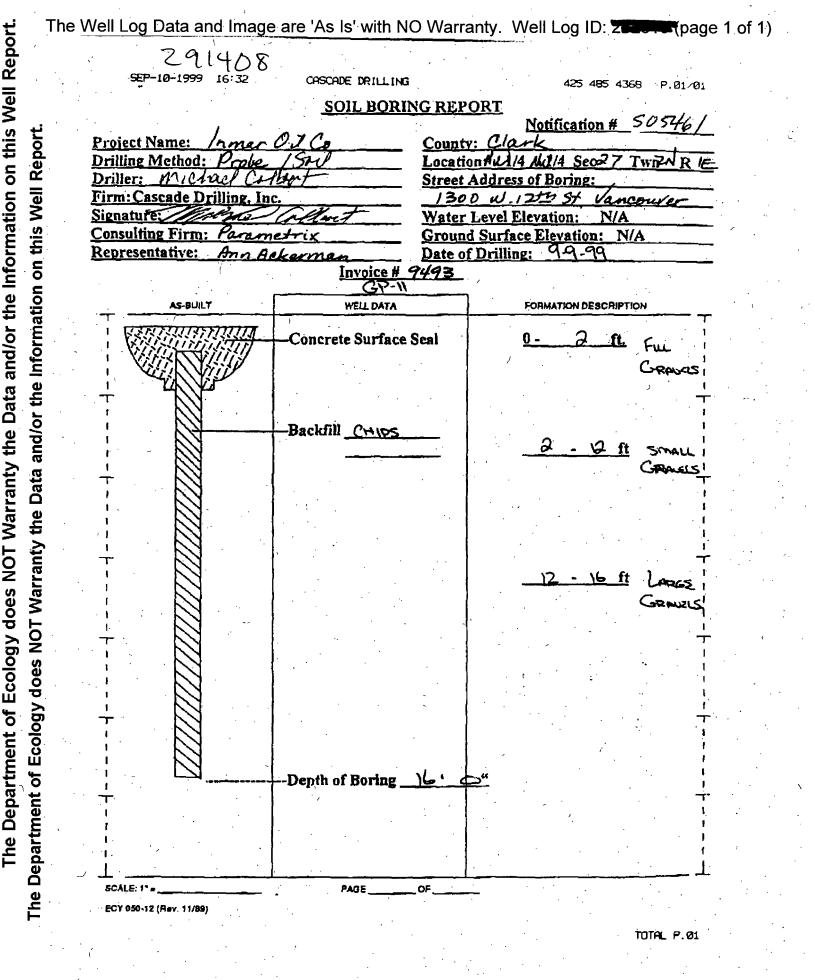
The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: 2000 (page 1 of 1) 291403 SEP-10-1999 16:32 CASCADE DRILLING 425 465 4366 F. 01/01 SOIL BORING REPORT Notification # 50546 Report. Project Name: nmar OJC County: Clark Drilling Method: Location AV1/4 Mal/4 Seco 7 Twize R IE-Michael ( ) bert Driller: Street Address of Boring: Firm: Cascade Drilling, Inc. Department of Ecology does NOT Warranty the Data and/or the Information on this Well 1300 W. 1259 St Vancouver Signature: Water Leyel Elevation: N/A Ker Consulting Firm: Parametrix Ground Surface Elevation: N/A Representative: Ann Ackorman Date of Drilling: 9-9-99 Invoice # 9493 <u>GP-0</u> AS-BUILT WELL DATA FORMATION DESCRIPTION **Concrete Surface Seal** 2 0 ft. FILL GRAVELS -Backfill <u>Chres</u> Small 12 It GROWZLE Depth of Boring 12 . SCALE: 1" -PAGE OF The EOY 050-12 (Rev. 11/89) TOTAL P.01



The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: The Control (page 1 of 1) 291405 SEP-10-1999 16:32 CASCADE DRILLING 425 465 4006 P.01-01 SOIL BORING REPORT Notification # So 546 / Inmar OJ CI County: Clark Report Project Name: Drilling Method: Location ALA/4 AU14 Seco 7 TWIPA R 1E Probe Driller: Michael Cellon Street Address of Boring: Firm: Cascade Drilling, Inc. 1300 W. 12th St Vancouver the Data and/or the Information on this Well Signature: Machke N/A Water Level Elevation: Consulting Firm: Parametrix Ground Surface Elevation: N/A Representative: Ann Ackorman 9-9-99 Date of Drilling: Invoice # 9493 GP - 14 AS-BURLY WELL DATA FORMATION DESCRIPTION Concrete Surface Seal 2 0 ft. Fuc GRAGEL -Backfill <u>Chies</u> GRANZLS Department of Ecology does NOT Warranty ft Depth of Boring <u>12</u> 8CALE: 11-PAGE ÒF The ECY 050-12 (Rev. 11/89) TOTAL P.01

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: "Later (page 1 of 1) 91407 SEP-10-1999 16:32 CASCADE DRILLING 425 485 4368 P.01/01 SOIL BORING REPORT Notification # 50546/ The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report Inmar OJC County: Clark **Project Name:** Location 14/4 Ad1/4 Sec27 TWIRN R IE Drilling Method: Proke Driller: Michael Colbert Street Address of Boring: Firm: Cascade Drilling, Inc. 1300 W.125555 Vancouver Signature: Water Level Elevation: N/A Consulting Firm: Para metrix Ground Surface Elevation: N/A Representative: Date of Drilling: arga Ackarman Invoice # 9493 7-9D AS-BUILT WELL DATA FORMATION DESCRIPTION 1/2 ft. **Concrete Surface Seal** 0. Conters -Backfill Curves 15 ſt ft Depth of Boring PAGE OF SCALE: 1" -ECY 050-12 (Rev. 11/89)

TOTAL P.01



The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: (page 1 of 1) 291410 SEP-10-1999 16:32 CASCADE DRILLING 425 485 4368 P.01/01 SOIL BORING REPORT Notification # 50546/ The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report Irmer OJC County: Clark Project Name: Drilling Method: Probe <u>1301</u> Location 12/4 Mall Seco 7 Twize R IE Driller: Michael Collor. Street Address of Boring: Firm: Cascade Drilling, Inc. 1300 W. 12th St Vancouver Signature: ////ha Water Level Elevation: N/A Consulting Firm: Parametrix Ground Surface Elevation: N/A Ann Ackerman Date of Drilling: 9-10-99 Representative: Invoice # 9493 GP-18 AS-BUILT FORMATION DESCRIPTION WELL DATA 2 **Concrete Surface Seal** ft. FILL 0 -RANELS -Backfill CHIPS 2 - 12 ft GRAUEUS ft Depth of Boring <u>12</u> · C SCALE: 1" . PAGE OF ECY 050-12 (Rev. 11/89)

Department of Ecology Well Log Image System

TOTAL P.01

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID. 2000 (page 1 of 1) 291412 SEP-10-1999 16:32 CHSCADE DRILLING 425 485 4368 P.01/01 SOIL BORING REPORT Notification # 505-46/ The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report. Inmar OJ Co County: Clark Project Name: Location 1/1/1/4 Mal/4 Seco27 Drilling Method: Probe TWIZN R IE Michael Colbert Driller: Street Address of Boring: Firm: Cascade Drilling, Inc. 1300 W. 12th St Vancouver Marte aftert <u>Signature;</u> Water Level Elevation: N/A Consulting Firm: Parametrix Ground Surface Elevation: N/A Representative: Ann Ackerman Date of Drilling: 9-10-99 Invoice # 9493 ୯ନ-AS-BUILT PORMATION DESCRIPTION WELL DATA It. Fine **Concrete Surface Seal** Ъ 0. GRAVELS -Backfill CHIPS 2 - 12 ft (-RAUSUS ft Depth of Boring 12'C 65 SCALE: 1" PAGE O۶ ECY 050-12 (Rev. 11/89) TOTAL P.01

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: Caracter (page 1 of 1) 291413 SEP-10-1999 16:32 CASCADE DRILLING 425 485 4368 P.01/01 SOIL BORING REPORT Notification # 50546 Project Name: Inmar OJ Co County: Clark The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report. Location AULIA MULIA Seco 7 TWIDA R IE Drilling Method: Probe Driller: Michael Colbert Street Address of Boring: 1300 W. 125 St Vancouver Firm: Cascade Drilling, Inc. Wellet nune Water Level Elevation: N/A Signature: <sup>^</sup> Consulting Firm: Parametrix Ground Surface Elevation: N/A Ann Ackorman 9-10-99 Representative: Date of Drilling: <u>Invoice # 9493</u> GP-ZO AS-BUILT WELL DATA FORMATION DESCRIPTION 2 **Concrete Surface Seal** 0 -<u>ft.</u> Fre GRAUSIS -Backfill CHYPS  $\mathcal{Q}$ 12 GRANELS ft -Depth of Boring <u>12. c</u> OF SCALE: 1" -PAGE ECY 050-12 (Rev. 11/89) TOTAL P.01

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: (page 1 of 1) 291382 SEP-10-1999 16:32 CASCADE DRILLING 425 485 4368 P.01/01 SOIL BORING REPORT Notification # 50546 The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report County: Clark Inmar O **Project Name:** Location AU 1/4 Mil/4 Seo27 TWIRN R IE Drilling Method: Probe Michael Colbert Driller: Street Address of Boring: Firm: Cascade Drilling, Inc. 1300 W. 12th St Vancouver Signature: Water Level Elevation: N/A Ground Surface Elevation: N/A **Consulting Firm:** Parametrix Representative: 9-10-99 Ann Askaman Date of Drilling: <u>Invoice # 9493</u> GPIS AS-BUILT WELL DATA FORMATION DESCRIPTION J **Concrete Surface Seal** <u>ft.</u> 0 -FUL GRANELS Backfill Cross Я - 12 It SMALL - PAULIS 16 It LARGE も Granas Ф" -Depth of Boring OF SCALE: 1" = PAGE ECY 050-12 (Rev. 11/89) TOTAL P.01

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: Dece (page 1 of 1) 291383 SEP-10-1999 16:32 CASCADE DRILLING 425 485 4368 P.01/01 SOIL BORING REPORT Notification # 505461 Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report. Inmar OJC County: Clark Project Name: Drilling Method: Probe Soil Location #1/4 Ad1/4 Seo 7 TWRAR IF Driller: Michaer C orace Street Address of Boring: Firm: Cascade Drilling, Inc. 1300 W.12th St Vancouver Signature: The Kellant Water Level Elevation: \_N/A Consulting Firm: Parametrix Ground Surface Elevation: N/A **Representative:** Ann Ackerman Date of Drilling: 9-10-99 Invoice # 9493 GP-16 AS-BUILT WELL DATA FORMATION DESCRIPTION **Concrete Surface Seal** <u>ft.</u> SAND ( MULGROWEL Backfill CHIPS <u>\_\_\_\_</u> ft -Depth of Boring <u>4</u> SCALE: 1" =/ PAGE OF The ECY 050-12 (Rev. 11/89) TOTAL P.01

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The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: The SEP-10-1999 16:32 CASCADE DRILLING 425 485 4368 P.01/01 291385 SOIL BORING REPORT Notification # 505461 The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report. Inmar OJ Co Project Name: County: Clark Location 11/1/4 Abd/4 Seco 7 Twin R 18 **Drilling Method:** Probe Soil Driller: Michael Colbert Street Address of Boring: Firm: Cascade Drilling, Inc. 1300 W. 12th St Vancouver Signature: <u>N/A</u> Water Level Elevation: Consulting Firm: Parametrix Ground Surface Elevation: N/A Representative: Ann Ackerman Date of Drilling: 9-10-99 Invoice # 9493 G7-17 AS-BUILT WELL DATA FORMATION DESCRIPTION 1 Ľ **Concrete Surface Seal** SANDE ft, SMALL GRANZLS -Backfill CHIPS ft ft Ц 6 Depth of Boring SCALE: 1" = PAGE OF ECY 050-12 (Rev. 11/89) TOTAL, P.01

Department of Ecology Well Log Image System

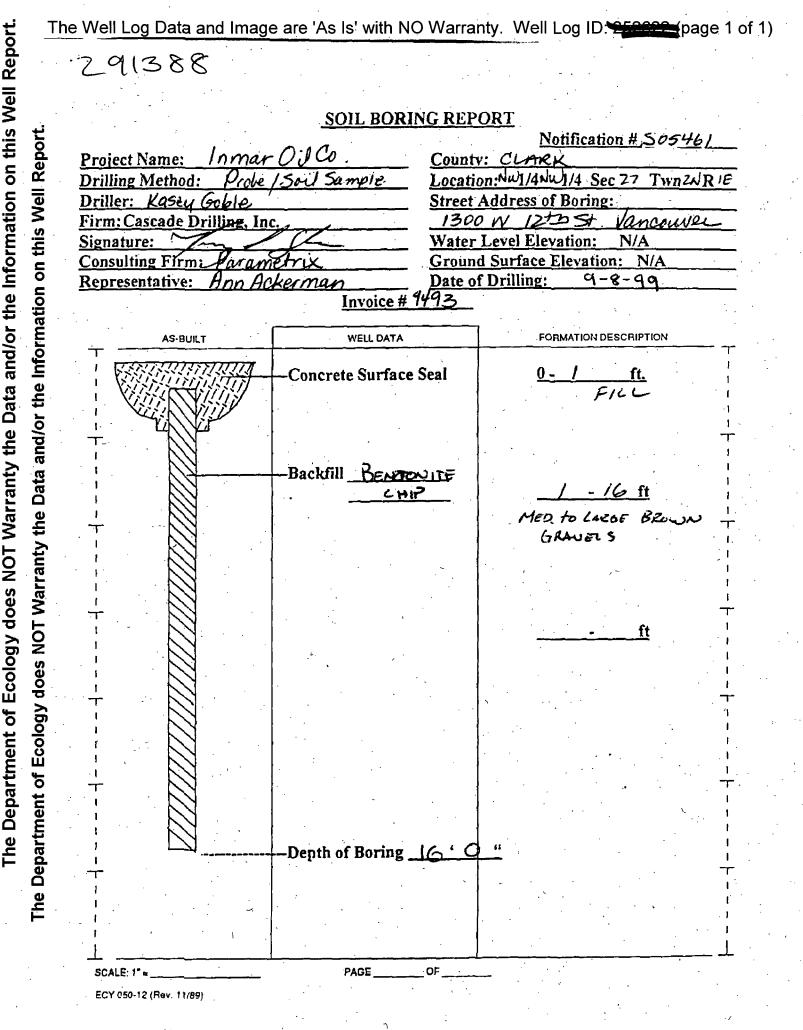
The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: (page 1 of 1)

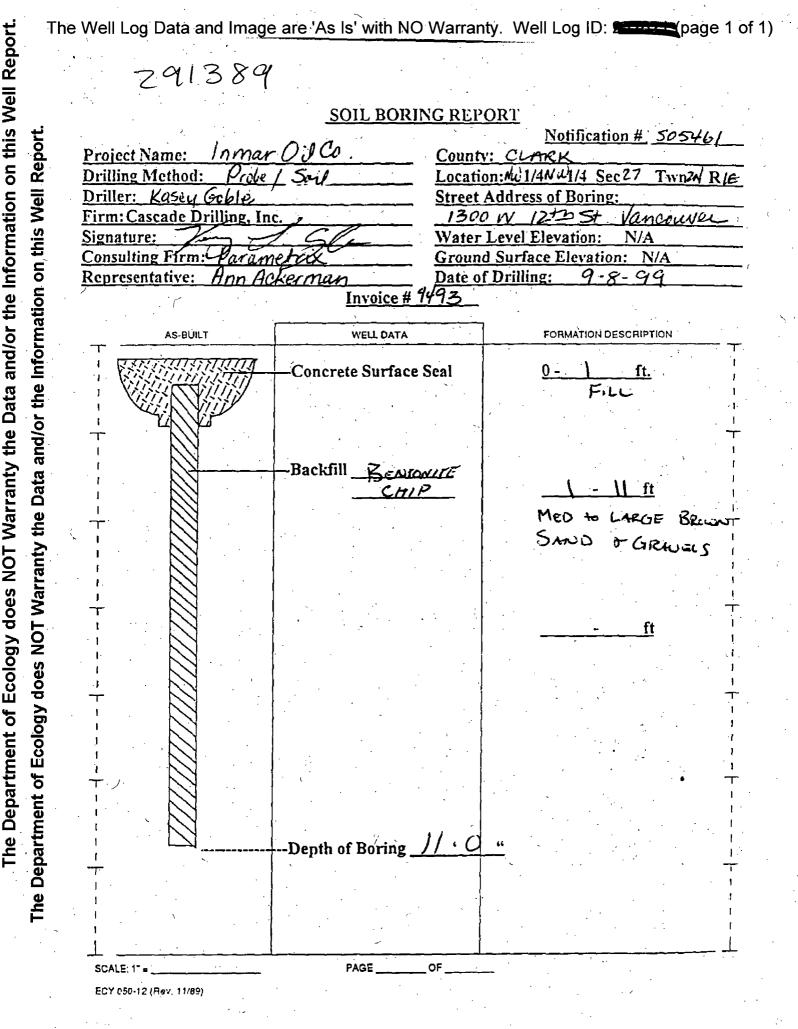
291386 SOIL BORING REPORT Notification # 505461 Project Name: Inmar Oil Co. County: CLARK Location: MU1/4 NW1/4 Sec 27 Twn2N RIE **Drilling Method:** Probe 1 Soil Driller: Kasey Goble Street Address of Boring: 1300 W 1273 St Vancouver Firm: Cascade Drilling, Inc. Water Level Elevation: Signature: N/A Consulting Firm? Ground Surface Elevation: N/A arametrix Hnn Ackerman Date of Drilling: 9-8-99 Representative: Invoice # 9493 WELL DATA FORMATION DESCRIPTION AS-BUILT Concrete Surface Seal <u>ft.</u> FILL Backfill BENTONITE '∽ 12. ft CHIP MED to LARGE BROWN GRAVERS ft -Depth of Boring <u>12.0</u> PAGE QF SCALE: 1"= ECY 050-12 (Rev. 11/89)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

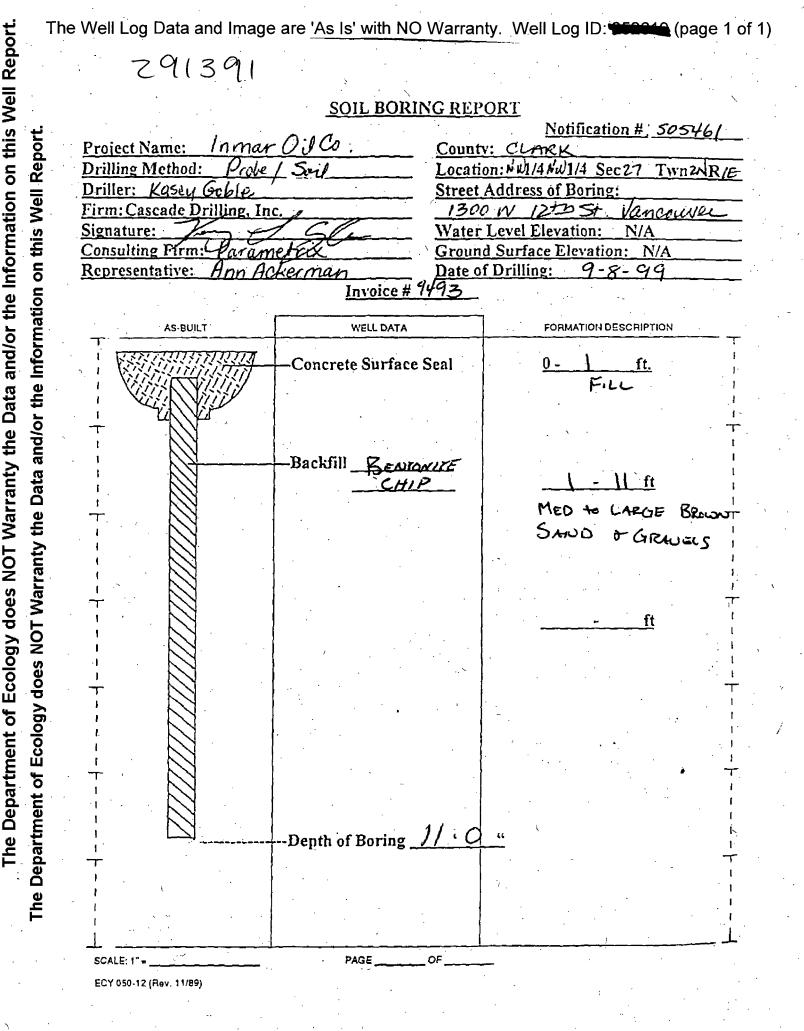
The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID. (page 1 of 1) 291387 SOIL BORING REPORT The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report Notification # 505461 Inmar Oil Co **Project Name:** County: CLARK Probe / Soil Sample Location: NUL/4 NUL/4 Sec 27 Twn24 R IE Drilling Method: Driller: Kasey Goble Street Address of Boring: 1300 W. 1225 St Firm: Cascade Drilling, Inc Vancouver Water Level Elevation: Signature: N/A Consulting Firm: arametrix Ground Surface Elevation: N/A Date of Drilling: **Representative:** Ackerman 9-8-qq Hnn Invoice # 9493 FORMATION DESCRIPTION WELL DATA AS-BUILT **Concrete Surface Seal** 0 ft. FILL -Backfill BENDONITE - 16 ft CHIP MED to LARGE BRON GRAVELS ft -Depth of Boring 16 ' O OF PAGE SCALE: 1"= ECY 050-12 (Rev. 11/89)





The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: " (page 1 of 1) 291390 SOIL BORING REPORT Notification # 505461 The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report. Project Name: Inmar Oil Co County: CLARK **Drilling Method:** Location: Nul/4 Nul/4 Sec 27 Twn2N R /E-Probe Soil Driller: Kasey Goble Street Address of Boring: Firm: Cascade Drilling, Inc 1300 W 12th St Vancouver Water Level Elevation: N/A Signature: Consulting Firm: Ground Surface Elevation: N/A Ann Ackerman Representative: Date of Drilling: 9-8-99 Invoice # 1493 FORMATION DESCRIPTION AS-BUILT WELL DATA Concrete Surface Seal ft. 0 -FILL Backfill RENTONITE CHIP Л <u>\_ft</u> MED to LARGE BROWNT SAND & GRAVELS ft JI · C -Depth of Boring OF PAGE SCALE: 1" ECY 050-12 (Asv. 11/89)



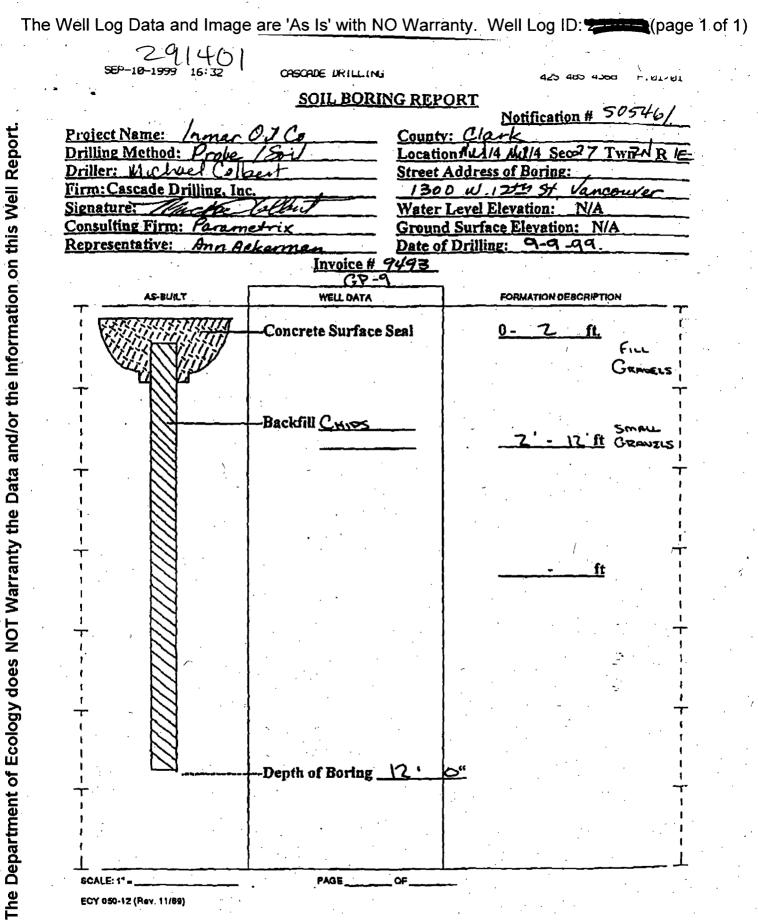
The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: 2000000 (page 1 of 1) SEP-10-1999 16:32 UNSCRIDE DRILLING 425 465 4368 P.01/01 291398 SOIL BORING REPORT Notification # 50546 / Inmar O.J Co The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report. Project Name: County: Clark Drilling Method: Probe Location AUA 14 Mall Seco 7 TWIPA R 18-Driller: Michael Colbert Street Address of Boring: Firm: Cascade Drilling, Inc. 1300 W. 12th St Vancouver Signature: Mucho Caller Water Level Elevation: N/A Consulting Firm: Parametrix Ground Surface Elevation: N/A Ann Ackerman Representative: Date of Drilling: 9-10-99 Invoice # 9493 GR-22 AS-BUILT WELL DATA FORMATION DESCRIPTION It. Fur **Concrete Surface Seal** Ъ 0 -GRAVELS -Backfill CHIPS Я RAUSIS ft -Depth of Boring <u>12'C</u> OF 6CALE: 1" = PAGE ECY 050-12 (Rev. 11/89) TOTAL P.01

The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: (page 1 of 1) 291399 SEP-10-1999 16:32 CASCADE DRILLING 425 485 4368 P.01/01 SOIL BORING REPORT Notification # 505461 Inmer O.J Co County: Clark Report Project Name: Location AUA /4 MULA Seco 7 TWIZN R IE Drilling Method: Probe Driller: Michael Colbert Street Address of Boring: 1300 W. 12th St Vancouver the Data and/or the Information on this Well Firm: Cascade Drilling, Inc. Water Level Elevation: N/A Signature: 1 mila Consulting Firm: Parametrix Ground Surface Elevation: N/A Representative: Date of Drilling: 9-10-99 Ann Ackerman Invoice # 9493 GS-21 WELL DATA FORMATION DESCRIPTION AS-BUILT  $\partial$ **Concrete Surface Seal** 0\_-<u>ft.</u> FILL تحميحا Backfill Chips 12 ft RAUSIS Department of Ecology does NOT Warranty <u>ft</u> Depth of Boring 12'C PAGE **OF** SCALE: 1" . The ECY 050-12 (Rev. 11/89) TOTAL P.01

Department of Ecology Well Log Image System

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The Well Log Data and Image are 'As Is' with NO Warranty. Well Log ID: 2000 page 1 of 1) 291400 SEP-10-1999 16:32 CASCADE DRILLING 425 485 4368 P.01/01 SOIL BORING REPORT Notification # 505461 Report Inmar OJ Co County: Clark Project Name: Drilling Method: Probe Location AVA /4 MU14 Seco 7. TWITN R 1E 1.Swel Driller: Michael Collect Street Address of Boring: Department of Ecology does NOT Warranty the Data and/or the Information on this Well Firm: Cascade Drilling, Inc. 1300 W. 12th St Vancouver Signature: Mena bus Water Level Elevation: <u>N/A</u> Consulting Firm: Parametrix Ground Surface Elevation: N/A Date of Drilling: Representative: Ann Ackerman 9-9-99 Invoice # 9493 G<u>5</u>-6 AS-BUILT WELL DATA FORMATION DESCRIPTION **Concrete Surface Seal** <u>ft.</u> Fich GRAVEL? -Backfill <u>Churs</u> Smau 12 ft GRANZUS ft Depth of Boring 12. 6 PAGE OF SCALE: 1\* = The ECY 050-12 (Rev. 11/89) TOTAL P.01



TOTAL P.01

	Columbia River Crossing, Evergreen Blvd, V		
	CRC-WW05-03pWell ID#: BCH-818	Location: NW1/4 of NW1/4	Sec: 27 Twn: 2 NRange: 1 EWM
	Casing Advancer Nelson, Brad Lic #: 2969	Street Address of Well: Vicinity Water Table Depth: DP3	
	Nelson, Brad Lic #: 2969 NA State Dept. of Transportation	Water Table Depth: Ground Surface Elevation: 70.4	
Signature:	WA State Dept. of Hansportation	Installed: 12/16/2010	Decommissioned: 9-9-14
Signature			
		Cased Hole: <u>1"</u>	
Casing	4		Protective Casing, Stick-up <u>2ft</u>
		· · ·	Instrument Pipe' stick-up_11/2ft
	and the second second second		Ground Surface
	Filled pipe with bentonite slurry. Cut off 2ft blow ground and sealed to of h		Cement Surface Seal
	Gut on 21t blow ground and sealed to of h		
			from 0.0 ft. to 2.0 ft.
			Instrument Pipe in
			Granular Bentonite, from 2.0 ft. to 10.0 ft.
			Y,
		· · · · · · · · · · · · · · · · · · ·	
			A second s
			Instrument Pipe in
			SAND, from 10.0 ft. to 20.0 ft.
			RECEIVED
			APR 0 3 2015
			WA State Departmen of Ecology (SWRO)
			Well Screen
			In Clean Sand, from 20.0 ft. to 30.0 ft
			in olean dana, nom 20.0 ft. to 50.0 ft
			Bottom Seal, from 32.0 ft. to 99.9 ft

	Columbia River Crossing, Evergreen Blvd. Vic, S	
	CRC-WW05-01pWell ID#: BCH-816	Location: <u>NW1/4 of Nigh/4</u> Sec: 27 Twn: 2 N Range: <u>1 EV</u>
	Casing Advancer	Street Address of Well: Vicinity of I-5 and City Center Exit
	Nelson, Brad Lic #: 2969	Water Table Depth:
	WA State Dept. of Transportation	Ground Surface Elevation: 63.82
signature:	But	Installed: 1/5/2011 Decommissioned: 9-9-14
		Cased Hole: 1"
Casing		Protective Casing, Stick-up_2ft
		Instrument Pipe' stick-up_ <u>1 1/2ft</u>
		Ground Surface
	Filled pipe with bentonite slurry. Cut off 2ft blow ground and sealed to of hole.	
	Gut on Zit blow ground and sealed to of hole.	
		from 0.0 ft. to 2.0 ft.
		Instrument Pipe in
		Granular Bentonite, from 2.0 ft. to 10.0
		64 64
		<u> 2000</u>
		Instrument Pipe in
		SAND, from 10.0 ft. to 22.5 ft.
		DEPENSE
		RECEIVED
		ADD O BRAIS
		APR 0 3 2015
		WA State Departme
		of Ecology (SWRC
		Well Screen
		In Clean Sand, from 22.5 ft. to 32.5 ft
		Bottom Seal, from 34.5 ft. to 90.5 ft
		Bottom of Hole 90.5 ft.

roject:	Columbia River Crossing, Evergreen Blvd. Vic, S	Standards and Walks	
ole#:	CRC-WW05-13-Well ID#: BCH-782	Location: NW1/4 of NM1/4	Sec: 27 Twn: 2 N Range: 1 EWI
lethod:	Casing Advancer	Street Address of Well: Vicinity of	of Evergreen Boulevard and I-5
riller:	Nelson, Brad Lic #: 2969	Water Table Depth: 54	
	WA State Dept. of Transportation	Ground Surface Elevation: 64.86	
ignature:	RIL	Installed: 6/8/2011	Decommissioned: 9-9-14
		Cased Hole: 1"	
Casing	6		Protective Casing, Stick-up2ft
			Instrument Pipe' stick-up11/2ft
	Filled pipe with bentonite slurry.	1030305	Ground Surface
	Cut off 2ft blow ground and sealed to of hole.		Cement Surface Seal
	Construction of the second		from 0.0 ft. to 2.0 ft.
1	*		
			Instrument Pipe in
			Granular Bentonite, from 2.0 ft. to 119.0 ft
			and the second se
	- C		
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			2
		「「「「「「「「「」」」の言語	
			Instances Dieg in
			Instrument Pipe in
			SAND, from ft. to ft.
			RECEIVED
		· 经统计 · 承兑	
			APR 0 3 2015
			WA State Departmen
		· 医乳 · 含新	of Ecology (SWRO)
		· · · · · · · · · · · · · · · · · · ·	-cology (SWRO)
			Well Screen
			In Clean Sand, from ft. to ft
			Bottom Seal, from 119.0 ft. to 119.4 ft
			Bottom Seal, from 119.0 ft. to 119.4 ft
			Bottom of Hole 119.4 ft.
			Second of Flore Flore It.

	XL-3604-C Columbia River Crossing, Evergreen Blvd. Vic, S					
	CRC-WB09-01p-Mell ID#: BCH-791					
	Casing Advancer	Street Address of Well: Vicinity of Evergreen Boulevard and I-5				
	Nelson, Brad Lic #: 2969	Water Table Depth: DRY				
	WA State Dept. of Transportation	Ground Surface Elevation: 75.7				
Signature:	po	Installed: 6/16/2011 Decommissioned: 9-9-14				
		Cased Hole: 1"				
Casing	4	Protective Casing,				
		Stick-up_2ft				
		stick-up_ <u>11/2ft</u>				
	Filled pine with bostopite slurer	Ground Surface				
	Filled pipe with bentonite slurry. Cut off 2ft blow ground and sealed to of hole.	Cement Surface Seal				
	set on an elen ground and beared to or hole.	Not the second s				
		from 0.0 ft. to 2.0 ft.				
		Instrument Pipe in				
		Granular Bentonite, from 2.0 ft. to 20.0 ft.				
		Instrument Pipe in				
		SAND, from ft. to ft.				
		RECEIVE				
		APR 0 32015				
		(a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c				
		WA State Departme				
		of Ecology (SWR)				
		Well Screen				
		In Clean Sand, from 20.0 ft. to 30.0 ft				
- 24		Bottom Seal, from 30.0 ft. to 111.0 ft				
		Dattan af Link and a				
		Bottom of Hole 111.0 ft.				

17

roject:	Columbia River Crossing, Evergreen Blvd. Vic, S	Structuritys and Walts
	CRC-WW05-02pWell ID#: BCH-817	Location: NW1/4 of NW1/4 Sec: 27 Twn: 2 N Range: 1 EWN
	Casing Advancer	Street Address of Well: Vicinity of I-5 and City Center Exit
riller:	Nelson, Brad Lic #: 2969	Water Table Depth: DRY
ompany:	WA State Dept. of Transportation	Ground Surface Elevation: 68.16
gnature:	150 mm	Installed: 12/17/2010 Decommissioned: 9-9-14
		Cased Hole: 1"
Casing		Protective Casing, Stick-up_2ft
		Instrument Pipe' stick-up_ <u>1 1/2ft</u>
	and because the tart	Ground Surface
	Filled pipe with bentonite slurry.	
	· Cut off 2ft blow ground and sealed to of hole.	
		from 0.0 ft. to 2.0 ft.
		Instrument Pipe in Granular Bentonite, from 2.0 ft. to 10.0 ft
		Instrument Pipe in
		SAND, from 10.0 ft. to 18.0 ft.
		RECEIVED
		WA State Departmen of Ecology (SWRO)
		Well Screen
		In Clean Sand, from 18.0 ft. to 28.0 ft
		Bottom Seal, from 30.0 ft. to 99.9 ft
		Bottom of Hole 99.9 ft.

roject:	Columbia River Crossing	Evergreen Blvd. Vic, S	Standunias and Walls				
	CRC-WW05-12pWell ID#	E BCH-820	Location: NW1/4 of	NW1/4	Sec: 27T	wn: 2 N	Range: 1 EV
ethod:	Casing Advancer		Street Address of Well	: Vicinity c	f Evergreen Boul	evard and I-5	1
riller:	Nelson, Brad	Lic #: 2969	Water Table Depth:	DRY			
ompany:	WA State Dept. of Trans	portation	Ground Surface Eleva				
ignature:	But		Installed: 2/15/201	1	Decomm	nissioned: 9-9-	14
			Cased Hole: 1"				
Casing	6		F	-	Protective Cas Stick-up2ft	sing,	
			. 11		Instrument Pi stick-up_11/	pe' 2ft	
					Ground Surfa		
	Filled pipe with benton	ite slurry.	<b>100000</b>	1000			
	Cut off 2ft blow ground	and sealed to of hole.	199		Cement Surfac	e Seal	
					from 0.0 ft	to 1.0 ft	
			ppx	202			
				200			
				<b>M</b>			
			рфо	POO	Instrument Pipe	in	
					Granular Benton	nite, from 1.0	ft. to 15.0
			P22				
			poor a	224			
				TY I			
			рор рор	T T T			
			2.00	100			
				100			
				1.1			
				1.00			
					•		
					Instrument Pipe	in	
					SAND, from	ft. to	ft.
					Contraction of the Contraction		
						10 <sup>1</sup>	
					10	DECE	
					L.	RECE	VED
						APR 03	2015
				1		nin 0.5	2013
					WA	State De	partment
						Eacle De	partment
					Well Screen	Ecology	(SWRO)
					In Clean Sand,		
					CO Avenue Aerican	12.00 Act	en dente, no.
					and the second	and a state	
					Bottom Seal, fro	om 30.0 ft.	to 99.3 ft
			「「「」				
-				200	Bottom of Hole	00 2 8	

	Columbia River Crossing, Evergreen Blvd. Vic, S CRC-WW05-11pW#ell ID#: BCH-819		e <u>c: 27</u> Twn <u>: 2 N</u> Range: <u>1 EW</u> I
	Casing Advancer	Street Address of Well: Vicinity of Even	rgreen Boulevard and I-5
er:	Nelson, Brad Lic #: 2969	Water Table Depth: DPN	
pany: 1	WA State Dept. of Transportation	Ground Surface Elevation: 104.74	
ture:	18m -	Installed: 2/20/2011	Decommissioned: 9-9-14
		Cased Hole: 1"	
Casing	4		otective Casing, ick-up2ft
		In	strument Pipe' ick-up_11/2ft
	Filled pipe with bentonite slurry.	N20202 02	Ground Surface
	Cut off 2ft blow ground and sealed to of hole.	Cer	ment Surface Seal
	NAME AND DAY AND A COURT OF A DAY OF A	fror	n 0.0 ft.to 2.0 ft.
			rument Pipe in
			nular Bentonite, from 2.0 ft. to 18.0 ft
		2013년 - 1819년 - 1819년 - 1819년 -	
			rument Pipe in
		SAN	ID, from 18.0 ft. to 20.0 ft.
			DPARM
			RECEIVED
			ADD C anala
			APR 0 32015
		「「「「「「「」」」 「「「」」 「「」」 「「」」 「」 「」 「」 「」 「	WA State Departmen
			of Ecology (SWRO)
		Wall	Screen
			lean Sand, from 20.0 ft. to 40.0 ft
			lean band, nom 20.0 n. 10 40.0 n.
		Bott	om Seal, from 42.0 ft. to 93.4 ft
		Bott	om of Hole 93.4 ft.
		NO DESCRIPTION OF A DESCRIPTION	

449336 Please print, sign and return RESOURCE PROTECTION WELL REPORT			ent No	
(SUBMIT ONE WELL REPORT PER WELL INSTALLED) Construction/Decommission ("x" in box) Construction Decommission	Type of Well (" $x in box$ ) $\square$ Resource Protection $\boxtimes$ Geotech Soil Boring			
ORIGINAL INSTALLATION Notice of Intent Number:	Property Owner WS	DOT		
	Site Address mclou	ghlin and 1-5		
Consulting Firm WSDOT	City	County	Clark	
Unique Ecology Well IDTag No.	Location <u>NW</u> 1/4-	]/4_ <u>NW_</u> ]/4 Se	ec <u>27</u> Twn <u>2n</u> R	
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported		I 🗌 Lat Deg MinSec		
above are true to my best knowledge and belief.	still REQUIRED)	Long Deg	NinSec	
X Driller Engineer Trainee Name (Print Last, First Name) Wilson, Jamie	Tax Parcel No			
Driller/Engineer /Trainee Signature	Cased Dr Uncased D	iameter <u>4"</u>	Static Level	
Driller or Trainee License No. 2941	Work/Decommissio	n Start Date	4/11/2012	
If trainee, licensed driller's Signature and License Number:	Work/Decommissio	n Completed Da	ate 4/11/2012	
Construction Design Well I	Data	For	mation Description	
Construction Design wen i	Jata	0 - 14 ft	Sand	
		14 - 19 ft	Sand with silt	
		19 - 56 ft	Sand with site	
		56 - 60.5 ft	Gravel with sand and silt	
		i	RECEIVED	
		_	APR 2 4 2012	
		WA	A State Department	
		0	Ecology (SWRO)	
Boring was backfilled with				
bentonite hole plug to surface.				
SCALE: 1"=P	AGE 1 OF 1		a construction of the second se	

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onsulting Firm _WSDOT hique Ecology Well IDTag No	— Location <u>NW</u> 1/4-1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2n</u> R EWM or WWM
hique Ecology Well IDTag No	<ul> <li>Location <u>NW</u> 1/4-1/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2n</u> R <u>EWM</u> or WWM</li> <li>Lat/Long (s, t, r Lat Deg <u>Min</u> Sec <u>still REQUIRED</u>) Long Deg <u>Min</u> Sec <u>Tax Parcel No</u>.</li> <li>Cased r Uncased Diameter <u>4"</u> Static Level <u>Work/Decommission Start Date <u>4/11/2012</u></u></li> </ul>
ELL CONSTRUCTION CERTIFICATION: I constructed and/or rept responsibility for construction of this well, and its compliance with all ashington well construction standards. Materials used and the information repor over are true to my best knowledge and belief. Driller Engineer Trainee me (Print Last, First Name) Wilson, Jamie riller/Engineer /Trainee Signature	EWM       or WWM         EWM       or WWM         Ied       Lat/Long (s, t, r       Lat Deg       Min       Sec         still REQUIRED       Long Deg       Min       Sec       Sec         Tax Parcel No.
Driller 🗌 Engineer 🔲 Trainec me (Print Last, First Name) Wilson, Jamie iller/Engineer /Trainee Signature	Tax Parcel NoTax Par
me (Print Last, First Name)	Cased r Uncased Diameter 4" Static Level Work/Decommission Start Date 4/11/2012
riller/Engineer /Trainee Signature / //////////////////////////////////	Work/Decommission Start Date 4/11/2012
trainee, licensed driller's Signature and License Number:	Work/Decommission Completed Date 4/11/2012
Construction Design W	ell Data Formation Description
	0 - 14 ft Sand
	14 - 19 ft Sand with silt
	19 - 56 ft Sand
	56 - 60.5 ft Gravel with sand and silt
	RECEIVE
	APR 2 4 2012
	WA State Depart
	of Ecology (SW
	OI ECOLOGY (CT

ECY 050-12 (Rev. 7/06)

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s well keport.	<b>RESOURCE PROTECTION V</b> (SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box)	LL INSTALLED)		Type of Well ("x in box)         Resource Protection
tnis	Construction $497024$	$\checkmark$		Geotech Soil Boring
	ORIGINAL INSTALLATION Notice of Intent		Property Owner Oc	&M Hidden LLC
0	<u>SE49203</u>		Site Address W 15	<sup>th</sup> & W Mıll Plaın
	Consulting Firm		City Vancouver	County Clark
Ĕ	Unique Ecology Well IDTag No			
Data ang/of the Information	WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards Materials used reported above are true to my best knowledge and belief Driller Engineer Trainee Name (Print Last, First Name) Dennis, James Driller/Engineer /Trainee Signature Driller or Trainee License No 3145	compliance with all and the information	EWM 🛛 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased	/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> A □ Lat Deg Mın Sec Long Deg Mın Sec Diameter <u>8"</u> Static Level <u>None</u> on Start Date 8/29/13
.च	If trainee, licensed driller's Signature and License Number:			
ק			Work/Decommissi	on Completed Date <u>8/29/13</u>
The Department of Ecology does NOT warranty the	Construction Design	Well Decommissioned ( stem auger boring sacks bentonite ch	1) 15' hollow using (7) 50lb	Formation Description Sand 0-14' Gravel 14-15' Boring decomissioned as described under well data
-				RECEIVED SEP 2 6 2013 WA State Department of Ecology (SWRO)

ort.	•			
Well Report	RESOURCE PROTECTION	int, sign and return WELL REPORT	•	nt of Ecology Notice of Intent No. <u>AE23410</u>
this Well	(SUBMIT ONE WELL REPORT PER WE Construction/Decommission (" $x$ " in box) Construction Decommission			<b>Type of Well</b> ( <i>"x in box)</i> Resource Protection Geotech Soil Boring
다	ORIGINAL INSTALLATION Notice of Intent		Property Owner O8	
ы	<u>SE49203</u>			<sup>h</sup> & W Mill Plain
n	Consulting Firm			County Clark
ati	Unique Ecology Well IDTag No			
Information	WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards Materials used	s compliance with all	Location <u>NW</u> 1/4-1/ EWM 🛛 or WWM	/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> 1 □
	reported above are true to my best knowledge and belief		Lat/Long (s, t, r	Lat Deg MınSec
the	Driller Engineer Trainee Name (Print Last, First Name) <u>Dennis, James</u>		still REQUIRED)	Long DegMınSec
	Driller/Engineer /Trainee Signature	externis		
/p	Driller or Trainee License No <u>3145</u>			Diameter <u>8"</u> Static Level <u>None</u>
Data and/or	If trainee, licensed driller's Signature and	License Number:		on Start Date <u>8/29/13</u>
ate			Work/Decommission	on Completed Date <u>8/29/13</u>
Warranty the	Construction Design	Well ]		Formation Description
₹		Decommissioned ( stem auger boring		Asphalt 0-3"
rar		sacks bentonite chi		Sand 3"-17'
lar		2-3",Asphalt 3"-0		Gravel 17-25
2				Boring decomissioned as described
NOT				under well data
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SUBMIT ONE WELL REPORT PER Construction/Decommission ("x" in box	) /	T CURRENT	Type of Well ("x in box)         Resource Protection
—	- /	Dependentes Original Original	Geotech Soil Boring
		•••	& M Hidden LLC
onsulting Firm			<sup>th</sup> & W Mill Plain
inique Ecology Well IDTag No			County Cla
VELL CONSTRUCTION CERTIFICAT compt responsibility for construction of this well, and vashington well construction standards Materials ported above are true to my best knowledge and be Driller Engineer Trainee amc (Print Last, First Name) Dennis, James Driller/Engineer /Trainee Signature	ION I constructed and/or id its compliance with all used and the information ohef	Location <u>NW</u> 1/4-1 EWM 🛛 or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Lat Deg MınSec           Long DegMınSec
riller or Trainee License No 3145			Diameter <u>8"</u> Static Level <u>None</u>
trainee, licensed driller's Signature a	nd License Number:	Work/Decommission	on Start Date <u>8/29/13</u>
	<u></u>	Work/Decommission	on Completed Date 8/29/13
Construction Design	Well Decommissioned stem auger boring sacks bentonite c	g using (10) 50lb	Formation Description Sand 0-18' Gravel 18-20'
			Boring decomissioned as described under well data
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			WELL REPORT ELL INSTALLED)	CURRENT	Notice of Intent No. <u>AE23410</u>
Construction/D					Type of Well ("x in box) Resource Protection
Decommiss	on	4970			Geotech Soil Boring
ORIGINAL INS	TALLATION	Notice of Intent			&M Hidden LLC
E49203 Consulting Firm					<sup>th</sup> & W Mill PlainCounty <u>Clar</u>
					County <u>Char</u>
ccept responsibility	for construction	n of this well, and it	N I constructed and/or ts compliance with all d and the information	Location <u>NW</u> 1/4-1 EWM 🔀 or WWM	/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> R <u>1E</u> ⁄1 🗌
		nowledge and belief		Lat/Long (s, t, r	Lat Deg MinSec
🛿 Driller 🗖 Engi Iame (Print Last, F				still REQUIRED)	
Oriller/Engineer	/Trainee Sig	nature am	es Cennis		
Driller or Traine	e License No	3145			Diameter <u>8"</u> Static Level <u>None</u>
f trainee, licen	sed driller's	Signature and	License Number:		on Start Date <u>8/29/13</u>
				Work/Decommissi	on Completed Date <u>8/29/13</u>
Con	struction De	esign	Well Decommissioned (		Formation Description Sand 0-18'
			stem auger boring		Gravel 18-20'
			sacks bentonite chi		
					Boring decomissioned as described under well data
	Ļ	120'			
		120'			
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					RECEIVED SEP 2 6 2013

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and/or the Information on this Well	RESOURCE PROTECTION (SUBMIT ONE WELL REPORT PER W Construction/Decommission ("x" in box) □ Construction □ Decommission 4 9 7022 ORIGINAL INSTALLATION Notice of Internation SE49203 Consulting Firm Unique Ecology Well IDTag No WELL CONSTRUCTION CERTIFICATIO accept responsibility for construction of this well, and i Washington well construction standards Materials use reported above are true to my best knowledge and belie ⊠ Driller □ Engineer □ Trainee Name (Print Last, First Name) Dennis, James ∑	ELL INSTALLED) Number N I constructed and/or ts compliance with all d and the information f	CURRENT  Property Owner O& Site Address <u>W 15<sup>th</sup></u> City <u>Vancouver</u> Location <u>NW</u> 1/4-1/ EWM ⊠ or WWM Lat/Long (s, t, r still REQUIRED) Tax Parcel No Cased or Uncased H Work/Decommission	Notice of Intent No. AE23410         Type of Well ("x in box)            Resource Protection         Geotech Soil Boring         County Clark         County Clark         A NW1/4 Sec 27 Twn 2N R 1E
The Department of Ecology does NOT Warranty the Da	Construction Design	Well Decommissioned ( stem auger boring sacks bentonite ch	1) 20' hollow using (10) 50lb	Sand 0-17' Gravel 17-20' Boring decomissioned as described under well data

l Report.	<b>RESOURCE PROTECTION</b>		•	nt of Ecology <b>Notice of Intent</b> I	No <u>SE49203</u>
this Well	(SUBMIT ONE WELL REPORT PER WE Construction/Decommission ("x" in box) ⊠ Construction □ Decommission ↓ G702 [	LL INSTALLED)		Type of Well ("x w         Resource Prote         Geotech Soil E	ection
ţ	ORIGINAL INSTALLATION Notice of Intent	Number	Property Owner O8	M Hidden LLC	•
u o					
ç	Consulting Firm		City Vancouver		County Clark
Ë	Unique Ecology Well IDTag No				
Information	WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards Materials used	compliance with all	Location <u>NW</u> 1/4-1/ EWM 🛛 or WWM	/4 <u>NW</u> 1/4 Sec <u>27</u> Twn 1 🗌	<u>2N</u> R <u>1E</u>
lu	reported above are true to my best knowledge and belief		Lat/Long (s, t, r	Lat Deg M	ınSec
the	Driller 🗌 Engineer 🗌 Trainee	Ó,	still REQUIRED)	Long DegN	/inSec
	Name (Print Last, First Name) <u>Dennis, James</u> Driller/Engineer /Trainee Signature	estonnia	Tax Parcel No		
and/or	Driller or Trainee License No <u>3145</u>		Cased or Uncased I	Diameter <u>8"</u>	Static Level None
anc	If trainee, licensed driller's Signature and	Luganga Numbar	Work/Decommissio	on Start Date <u>8/29/13</u>	
ត្រូ	In trainee, incensed drifter's Signature and	License Number.	Work/Decommissio	on Completed Date 8/2	.9/13
Data			J		
ы С	Construction Design	Well	Data	Formatio	n Description
÷		Drilled (1) 15' hollo		Sand 0-14'	
₹		boring for geotechi	-	Gravel 14-15'	
arrar					
NOT Warranty the					
	415'				
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ESOURCE PROTECTION WELL		ENT Notice of Intent No <u>SE49203</u>
onstruction/Decommission ("x" in box)		<b>Type of Well</b> ( <i>"x in box)</i> Resource Protection
Construction 497020		Geotech Soil Boring
RIGINAL INSTALLATION Notice of Intent Number	Property Own	er O&M Hidden LLC
	· ·	V 15 <sup>th</sup> &W Mill Plain
onsulting Firm		erCounty Cla
nque Ecology Well IDTag No	J	
ELL CONSTRUCTION CERTIFICATION I const cept responsibility for construction of this well, and its compliar ashington well construction standards Materials used and the m	cted and/or Location <u>NW</u> 1 e with all EWM 🖾 or W	
ported above are true to my best knowledge and belief		r Lat Deg MınSec
Driller 🗋 Engineer 🗋 Trainee	still REQUIRE	ED) Long DegMınSec
me (Print Last, First Name) Dennis, James Triller/Engineer /Trainee Signature	Tax Parcel No	
aller or Trainee License No 3145	Cased or Unca	sed Diameter <u>8"</u> Static Level <u>None</u>
· · · · · · · · · · · · · · · · · · ·	Work/Decom	nussion Start Date 8/29/13
trainee, licensed driller's Signature and License	umber:	nission Completed Date 8/29/13
		inssion completed Date <u>6727/15</u>
Construction Design	Well Data	Formation Description
	(1) 20' hollow stem auger for geotechnical purposes	Sand 0-17'
1/20 ' 8 "		
,		RECEIVED
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		WA State Department of Ecology (SWRO)

iis Well Report.	Please print <b>RESOURCE PROTECTION V</b> (SUBMIT ONE WELL REPORT PER WE <b>Construction/Decommission</b> ("x" in box) Construction Decommission	LL INSTALLED)		nt of Ecology Notice of Intent No <u>SE49203</u> Type of Well ( <i>"x in box</i> ) ☐ Resource Protection ⊠ Geotech Soil Boring
금	ORIGINAL INSTALLATION Notice of Intent N	,	Property Owner OA	&M Hidden LLC
on this				<sup>th</sup> &W Mill Plain
	Consulting Firm			County Clark
Ĕ	Unique Ecology Well IDTag No			
d/or the Information	WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards Materials used reported above are true to my best knowledge and belief Driller Engineer Trainee Name (Print Last, First Name) Dennis, James Driller/Engineer / Trainee Signature Driller or Trainee License No 3145	compliance with all	EWM 🔀 or WWN Lat/Long (s, t, r still REQUIRED) Tax Parcel No	
ğ		·····		on Start Date <u>8/29/13</u>
ត្ត	If trainee, licensed driller's Signature and I	acense Number:		on Completed Date <u>8/29/13</u>
Dat			work/Deconumissio	on completed Date <u>8/29/15</u>
The Department of Ecology does NOT Warranty the Data and/or	Construction Design	Well 1 Drilled (1) 20' holio boring for geotechr	w stem auger	Formation Description Sand 0-18' Gravel 18-20' RECEIVED SEP 2 6 2013 WA State Department of Ecology (SWRO)

	RESOURCE PROTECTION V         (SUBMIT ONE WELL REPORT PER WE         Construction/Decommission ("x" in box)         Construction         Construction         Decommission	LL INSTALLED)	•	Type of Well ("x in box, Resource Protection Geotech Soil Boring	)
	ORIGINAL INSTALLATION Notice of Intent 1		Property Owner Od		·
			Site Address W 15	th &W Mill Plain	
5	Consulting Firm		City Vancouver		County Clark
the information	Unique Ecology Well IDTag No WELL CONSTRUCTION CERTIFICATION accept responsibility for construction of this well, and its Washington well construction standards Materials used	I constructed and/or compliance with all	Location <u>NW</u> 1/4-1 EWM 🛛 or WWM	/4 <u>NW</u> 1/4 Sec <u>27</u> Twn <u>2N</u> F 1 🗌	R <u>1E</u>
e B	reported above are true to my best knowledge and belief		Lat/Long (s, t, r still REQUIRED)	Lat Deg Mın	
	Driller 🔲 Engineer 🗍 Trainee Name (Print Last, First Name) <u>Dennis, James</u>	· ·	Tax Parcel No	Long DegMın	Sec
	Driller/Engineer /Trainee Signature Driller or Trainee License No 3145	Alnnis		Diameter <u>8"</u> Static	Level None
ano			Work/Decommission	on Start Date <u>8/29/13</u>	
Data and/or	If trainee, licensed driller's Signature and I	license Number:	Work/Decommission	on Completed Date 8/29/13	
	Construction Design	Well	Data	Formation De	escription
ž		Drilled (1) 20' holic		Sand 0-18'	
e Department of Ecology does NOI Warranty the	↓ ↓20' €				
lhe			1	RECE SEP 2 6 WA State Do of Ecology	5 2013

ESOURCE PROTECTION UBMIT ONE WELL REPORT PER W onstruction/Decommission ("x" in box)			Type of Well ("x in box)	3
Construction $(x + m \log x)$			Resource Protection	
			Geotech Soil Boring	
RIGINAL INSTALLATION Notice of Inter	ut Number	• •	&M Hidden LLC	
onsulting Firm			<sup>th</sup> &W Mill Plain	
nique Ecology Well IDTag No			Co	ounty <u>Clark</u>
ELL CONSTRUCTION CERTIFICATION	DN I constructed and/or its compliance with all ed and the information	Location <u>NW</u> 1/4-1 EWM 🔀 or WW	_	
ported above are true to my best knowledge and beli	ef	Lat/Long (s, t, r	Lat Deg MınSec	
Driller D Engineer D Trainee ame (Print Last, First Name) Dennis, James		still REQUIRED)		
riller/Engineer /Trainee Signature	res Cennis			
riller or Trainee License No 3145			Diameter <u>8"</u> Static Level <u>No</u>	
trainee, licensed driller's Signature and	License Number	Work/Decommissi	on Start Date <u>8/29/13</u>	<u> </u>
		Work/Decommissi	on Completed Date 8/29/13	
Construction Design	Wel	l Data	Formation Description	1
	Drilled (1) 25' holl		Asphalt 0-3"	
	boring for geotech	nnical purposes	Sand 3"-17'	
	,		Gravel 17-25'	
	,			
125'				
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			WA State Departmer	11
			of Ecology (SWRO)	)

RESOURCE PROTECTION WELL	REPORT	CURRENT No	otice of Intent No. A 112026
SUBMIT ONE WELL REPORT PER WELL INS Construction/Decommission (select one)	TALLED)	Ту	pe of Well (select one)
Construction			Resource Protection
Decommission ORIGINAL INSTALLATION Notice			Geotech Soil Boring
9807 of Intent Number <u>\$ 23022</u>	······	Property Owner SWA	RTZ STEELE
onsulting Firm CARLSON GEOTECHNICAL	Site Address 1200 N.	13TH STREET	
Inique Ecology Well ID		City VANCOUVER	County CLARK
ag No. <u>B-3</u> /ELL CONSTRUCTION CERTIFICATION: 1 constru- accept responsibility for construction of this well, and its compliance			$\frac{1}{100} \frac{1}{4} \frac{1}{100} \frac{1}{1$
Vashington well construction standards. Materials used and the info pove are true to my best knowledge and belief.	rmation reported	Lat/Long (s, t, r still REQUIRED)	Lat Deg   Lat Min/Sec     Long Deg   Long Min/Sec
Driller Engineer Traince Name (Print)	ANN	Tax Parcel No	
riller/Engineer /Trainee Signature		Cased or Uncased Dia	ameter 8 Static Level NONE
riller or Trainee License No. 2460			
f trainee, licensed driller's		Work/Decommission	
ignature and License No. 2460		Work/Decommission	Completed Date 06/01/06
Construction/Design	We	ell Data	Formation Description
		H BENTONITE CHIPS	COBBLES
	OM 20-0 FEET.	n BENTONITE CIII 5	
			COBBLES WITH SAND
			COARSE SAND
8			TERMINATED AT 20 FEET
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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

JBMIT ONE WELL REPORT PER WELL INSTALLED)         astruction/Decommission (select one)         Construction         Decommission ORIGINAL INSTALLATION Notice         Of Intent Number S 23022         asulting Firm CARLSON GEOTECHNICAL         que Ecology Well ID         5 No. B-2         ELL CONSTRUCTION CERTIFICATION: I constructed and/or         pt responsibility for construction of this well, and its compliance with all		of Well (select one) Resource Protection Geotech Soil Boring Z STEELE
Construction Decommission ORIGINAL INSTALLATION Notice Of Intent Number S 23022 Asulting Firm CARLSON GEOTECHNICAL Que Ecology Well ID No. B-2 CLL CONSTRUCTION CERTIFICATION: 1 constructed and/or	Property Owner <u>SWART2</u> Site Address <u>1200 N. 13T</u>	Geotech Soil Boring
Decommission ORIGINAL INSTALLATION Notice of Intent Number <u>S 23022</u> sulting Firm <u>CARLSON GEOTECHNICAL</u> que Ecology Well ID No. <u>B-2</u> CLL CONSTRUCTION CERTIFICATION: 1 constructed and/or	Property Owner <u>SWART</u> Site Address <u>1200 N. 13</u>	-
sulting Firm CARLSON GEOTECHNICAL         que Ecology Well ID         No. B-2         LL CONSTRUCTION CERTIFICATION: 1 constructed and/or	Site Address <u>1200 N. 13T</u>	Z STEELE
nsulting Firm <u>CARLSON GEOTECHNICAL</u> que Ecology Well ID No. <u>B-2</u> LL CONSTRUCTION CERTIFICATION: 1 constructed and/or		
No. <u>B-2</u> LL CONSTRUCTION CERTIFICATION: 1 constructed and/or	City VANCOUVER	H STREET
LL CONSTRUCTION CERTIFICATION: 1 constructed and/or		County CLARK
hington well construction standards. Materials used and the information reported		/4 Sec 27 Twn 2 R 1       R 1         Sec 27 Twn 2 R 1       C         Deg Lat Min/Sec
e are true to my best knowledge and belief.	still REQUIRED)	ng Deg Long Min/Sec
riller Engineer Trainee Name (Print)	Tax Parcel No	
ller/Engineer /Trainee Signature	Cased or Uncased Diamet	er 8 Static Level <u>NONE</u>
ller or Trainee License No. 2460	Work/Decommission Start	
rainee, licensed driller's		
nature and License No. <u>2460</u>	Work/Decommission Com	pleted Date 00/01/00
	-	
Construction/Design	Well Data	Formation Description
		<b>FRAVEL WITH COBBLES</b>
FROM 40-0 FEET		
	C	GRAVELS
		COARSE SAND
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<b>ESOURCE PROTECTION</b>	I WELL REPORT	CURRENT Notice of Intent No. A 112026			
SUBMIT ONE WELL REPORT PER onstruction/Decommission (select one) Construction		Type of Well (select one) Resource Protection Geotech Soil Boring			
Decommission ORIGINAL INSTALLA	<i>TION Notice</i> r <u>S 23022</u>	Property Owner SWA	с.) ÷		
onsulting Firm CARLSON GEOTECHN		Site Address <u>1200 N</u> .			
nique Ecology Well ID					
ag No. <u>B-1</u>		$\begin{array}{c cccc} City \underline{VANCOUVER} & County \underline{CLARK} \\ Location \underline{NW1/4-1/4} \underline{NW1/4} & Sec \underline{27} \underline{TWn2} \underline{R1} \\ \end{array} \xrightarrow{Select One \underline{X}} \end{array}$			
VELL CONSTRUCTION CERTIFICATI         cept responsibility for construction of this well, and ashington well construction standards. Materials us ove are true to my best knowledge and belief.         Driller Engineer Trainee Name (Print)         WAI	l its compliance with all sed and the information reported RREN MCCANN	Lat/Long (s, t, r still REQUIRED) Tax Parcel No	Lat Deg Lat Min/Sec Long Deg Long Min/Sec _		
riller/Engineer /Trainee Signature		Cased or Uncased Dia	ameter <u>8</u> Static Level <u>NONE</u>		
and a strong being the strong being a strong being a strong being a strong being a strong being		Work/Decommission	Start Date 06/01/06		
trainee, licensed driller's ignature and License No. <u>2460</u>		Work/Decommission	Completed Date 06/01/06		
Construction/Design	W	ell Data	Formation Description		
	BACKFILLED WIT	TH BENTONITE CHIPS	COBBLES		
	FROM 20-0 FEET.		COBBLES WITH SAND		
			COARSE SAND		
- 8			TERMINATED AT 20 FEET		
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<b>RESOURCE PROTECTION WELL</b>	PORT         CURRENT Notice of Intent No. S 23022
(SUBMIT ONE WELL REPORT PER WELL INST         Construction/Decommission (select one)         ✓ Construction         □ Decommission ORIGINAL INSTALLATION Notice         ○ f Intent Number         ○ of Intent Number         Consulting Firm         CARLSON GEOTECHNICAL         Unique Ecology Well ID         Tag No.         B-3         WELL CONSTRUCTION CERTIFICATION: I construct accept responsibility for construction of this well, and its compliance of Washington well construction standards. Materials used and the infor above are true to my best knowledge and belief.         ✓ Driller Engineer       Trainee Name (Print)         WARREN MCC/       Driller or Trainee License No. 2460         If trainee, licensed driller's       [         Signature and License No. 2460       [	Image: Select one of the select one select one select one of the select one of the select
Construction/Design	Well Data Formation Description
· · · · · · · · · · · · · · · · · · ·	ILLED WITH BENTONITE CHIPS 20-0 FEET. COBBLES

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(SUBMI	URCE PROTECTION T ONE WELL REPORT PER			otice of Intent No. <u>S 23022</u> Type of Well (select one)			
Construction/Decommission (select one) Construction Decommission ORIGINAL INSTALLATION Notice			Resource Protection				
				Geotech Soil Boring			
198	of Intent Number	r	Property Owner SW	ARTZ STEELE			
Consultin	of Intent Number	ICAL	Site Address 1200 N				
Unique E	cology Well ID			City VANCOUVER County CLARK			
accept respo	ONSTRUCTION CERTIFICATI	ON: I constructed and/or its compliance with all	Location <u>NW</u> 1/4-1/4	$\frac{1}{4} \operatorname{Sec} \frac{27}{2} \operatorname{Twn}^{2} \operatorname{R}^{1}$			
	well construction standards. Materials us ue to my best knowledge and belief.	sed and the information reported	still REQUIRED)				
		REN MCCANN	Tax Parcel No.	Long Deg Long Min/Sec			
Driller/Er	Bengineer Trainee Name (Print) WAL	a_h_					
	Trainee License No. 2460			iameter 8 Static Level <u>NONE</u>			
If trained	e, licensed driller's		Work/Decommission				
	e and License No. 2460		Work/Decommission	Completed Date 06/01/06			
	Construction/Design	<u> </u>	ell Data	Formation Description			
		BACKFILLED WI	TH BENTONITE CHIPS	GRAVEL WITH COBBLES			
1		FROM 40-0 FEET.					
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<b>ESOURCE PROTECTION WE</b>	LL REPORT	CURRENT N	otice of Intent No. <u>S 23022</u>		
UBMIT ONE WELL REPORT PER WELL onstruction/Decommission (select one) Construction	L INSTALLED)	Type of Well (select one) Resource Protection			
Decommission ORIGINAL INSTALLATION N					
onsulting Firm CARLSON GEOTECHNICAL		Property Owner <u>SWA</u>			
nique Ecology Well ID		Site Address <u>1200 N.</u>			
ag No. <u>B-1</u>			County <u>CLARK</u>		
ELL CONSTRUCTION CERTIFICATION: 1 ( cept responsibility for construction of this well, and its com ashington well construction standards. Materials used and t ove are true to my best knowledge and belief.	pliance with all	Location <u>NW1/4-1/4 NW1/4 Sec 27</u> Twn 2 R1         Lat/Long (s, t, r       Lat Deg Lat Min/Sec still REQUIRED)         Long Deg Long Min/Sec			
Driller Engineer Trainee Name (Print)	MCCANN	Tax Parcel No			
riller/Engineer /Trainee Signature Wa-	<u> </u>	Cased or Uncased Di	ameter 8 Static Level NONE		
riller or Trainee License No. 2460		Work/Decommission			
trainee, licensed driller's	······		Completed Date 06/01/06		
ignature and License No. <u>2460</u>					
Construction/Design	W	/ell Data	Formation Description		
		TH BENTONITE CHIPS	COBBLES		
			COBBLES WITH SAND		
			COARSE SAND		
			TERMINATED AT 20 FEET		
_			RECEIVED		
			JUN 1 3 2006		
			DEPARTMENT OF ECOLOGY WELL DRILLING UNIT		
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The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

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**RESOURCE PROTECTION WELL REPORT** START CARD NO. A16401 PROJECT NAME: WUBBEN BROS Vancouer Plywoodunty: Clark LOCATIONNINA NW 14 Sec 27 TWO2N R 1E WELL IDENTIFICATION NO DRILLING METHOD: Hollow STenarger NW HIT WAY, VARCOUVER STEVEN Richard DRILLER: Gentpely Fx pbration 5 WATER LEVEL ELEVATION: \_\_\_\_\_ FIRM: SIGNATURE: **GROUND SURFACE ELEVATION:** ABandomen 9-799 Mapl Foster CONSULTING FIRM:\_\_\_\_ INSTALLED: Todd Kline **REPRESENTATIVE:** DEVELOPED: AS-BUILT WELL DATA FORMATION DESCRIPTION A bandone mont When Farrivedon SiTE THE D'Well Had Previously Been Sand 5 Pulled By a primer Drilling compony I Set Upon The Noie and D'illed OUT THE SITT DKGley  $\frac{1}{10}$ Įo. Seald Sand Pack TO a perth of 33' placed chipsand Pulled auger in same motion to glound 15 〒/万 SUlface +20 20 RECEIVED +2525 OCT 07 1999 DEPARTMENT OF ECOLOGY WELL DRILLING UNIT 30 30-37 5 SCALE: 1" = OF PAGE

ECY 050-12 (Rev. 11/89)

RESOURCE PROTECTION WELL REPORT START CARD NO. 104/090 Vancover Plywood <u>Clark</u> WUR KEIN Kros COUNTY: PROJECT NAME: LOCATION NULVA NW 14 SECZI TWO ZN R IE WELL IDENTIFICATION NO. AET 323 DRILLING METHOD: Hallow Stem STREET ADDRESS OF WELL: Huget NWFBRT Way, Vancouver DRILLER: Steven B95 Fred Tech Exportions WATER LEVEL ELEVATION: \_ FIRM: SIGNATURE: GROUND SURFACE ELEVATION: 99 Maul Foster 9-7 CONSULTING FIRM:\_ INSTALLED: REPRESENTATIVE: Tod Kline Surged DEVELOPED: AS-BUILT WELL DATA FORMATION DESCRIPTION 2" puc THleaded well Sand of glavess TO 5' 6% BoreHole WENT TO 30'. Backfilled TO louses: IT DK gley 27'USING BENTI Alte 5 5 Chips Scheen From 27'TO 17' Blank Riserto SUSFACE 10 -10 Т Sand Pack Flom 27'TO 15' chip Forseal To Surface 3 Bugichips 15 15 12 Buys Sund 1000 SIT DKgley WET 10'slot Suren 117 20 20 RECEIVED OCT 07 1999 25 DEPARTMENT OF ECOLOGY WELL ORILLING UNIT 30 30 PAGE OF SCALE: 1" =

ECY 050-12 (Rev. 11/89)

From: Jill Betts hydrogeojill@gmail.com Subject: Fwd: Date: March 24, 2016 at 2:48 PM To: jill@colesandbetts.com



------Forwarded message ------From: **Cook, Jason (ECY)** <<u>ASCO461@ecy.wa.gov</u>> Date: Thu, Mar 24, 2016 at 2:41 PM Subject: To: Jill Betts <<u>hydrogeojill@gmail.com</u>>

Hey Jill:

Follow-p from my VM today with the following Sites in the vicinity. I did not pull the files, and do not know if they have impacted groundwater. Also, the well log database hyperlink is attached below.

Hope this helps, I have to go home this flu is horrid!

- Special Events and Convention Center (FSID 87668199).
- · Kyungshin Choi Matthieus Car Care (FSID 75145467).
- Pinkertons Auto Repair (FSID 95817965).
- Chuck Tire & Auto Service (FSID 62198439).
- Bill Copps Inc (FSID 62651667)
- Holland Burgerville Property (FSID 11291756)

#### Well Logs:

https://fortress.wa.gov/ecy/waterresources/map/WCLSWebMap/default.aspx

Sincerely:

Jason G. Cook, LG Hydrogeologist 3 Washington Department of Ecology SWRO/TCP

360.407.6528

---

Cc: Dorn, Carol (ECY) CESG461@ECY.WA.GOV

#### Hi Jill,

Below is what I found for each of the sites you requested. I have appointments available to review the files on Wednesday, May 4<sup>th</sup> at 1:30pm or Thursday, May 5<sup>th</sup> at 9:00am.

- 1. Special Events and Convention Center (FSID 87668199)
  - Toxic Cleanup
- 2. Kyungshin Choi Matthieus Car Care (FSID 75145467)
  - Toxic Cleanup
  - Inactive UST 11748
  - Archive
- 3. Pinkertons Auto Repair (FSID 95817965)
  - Toxic Cleanup
  - Inactive UST 97368
- 4. Chuck Tire & Auto Service (FSID 62198439)
  - Toxic Cleanup
  - Inactive UST 4221
  - Archive
- 5. Bill Copps Inc (FSID 62651667)
  - Toxic Cleanup
  - Hazardous Waste Compliance
  - Inactive UST 138
- 6. Holland Burgerville Property (FSID 11291756)
  - Toxic Cleanup
  - Hazardous Waste Compliance
  - Inactive UST 503257
- 7. Estate of Mary E Mackay (FSID 1619881)
  - Toxic Cleanup
  - Inactive UST 619042
- 8. Lahti Property (FSID 23197)
  - Toxic Cleanup

х.

- 9. Sam's Auto Body (FSID 65278938)
  - Inactive Hazardous Waste Generator Ecology has not conducted any compliance inspections. Attached are the Site ID forms and Annual Reports.
- 10. Vancouver City of (FSID 52841299)
  - Toxic Cleanup
  - Inactive UST 200422
  - Archive
- 11. Board of County Commissioners (FSID 7437031)
  - Water Quality interaction for the Clark County Municipal Stormwater Permit

There are also older files that have already been transferred into the custody of the State Archives

ER

mere are also order mes that have an easy seen transferred into the oustour of the state memory

Office. You will need to contact them directly if you are interested in seeing the files listed below. Archives can be reached at 360-586-1492 or <u>research@sos.wa.gov</u>. They will need the numbers from the first 2 columns of the table.

Agency	Box	File Description	Subject	Start Date	End Date
Box #	Location				
822	04-A-	GEM Equipment (Clark County)	Toxic	01/01/1991	12/31/1991
	463		Cleanup		
822	04-A-	Good Year Tire Co (Chuck's Auto	Toxic	01/01/1992	12/31/1994
	463	Service) (Clark County)	Cleanup		
854	04-A-	Vancouver, City of (Abandoned Tanks)	Toxic	01/01/1994	12/31/1994
	463	(Main St) (Clark County)	Cleanup		

Thank you, Susie Baxter Records and Public Disclosure Southwest Regional Office Department of Ecology <u>susan.baxter@ecy.wa.gov</u> <u>publicdisclosureSWRO@ecy.wa.gov</u> (360) 407-6365

From: Jill Betts [mailto:jill@colesandbetts.com]
Sent: Friday, April 22, 2016 2:33 PM
To: Baxter, Susan (ECY) <SFLE461@ECY.WA.GOV>
Subject: File Review Request

Hi Susan,

Jason Cook forwarded me your contact information, and I am writing to request a file review for the following files:

- Special Events and Convention Center (FSID 87668199).
- Kyungshin Choi Matthieus Car Care (FSID 75145467).
- Pinkertons Auto Repair (FSID 95817965).
- Chuck Tire & Auto Service (FSID 62198439).
- Bill Copps Inc (FSID 62651667)
- Holland Burgerville Property (FSID 11291756)
- Estate of Mary E Mackay (FSID 1619881)
- Lahti Property (FSID 23197)
- Sam's Auto Body (FSID 65278938)
- Vancouver City of (FSID 52841299)
- Baord of County Commissioners (FSID 7437031)

Please let me know if you require any additional information.

Please let me also know the timeline to pull the files, and any available dates for me to view the files in your office.

Thank you, -Jill Jill Betts, R.G., L.G. Principal Coles & Betts Environmental Consulting, LLC Oregon WBE/ESB Office: 503-477-6150 Mobile: 503-819-2835 E-mail: jill@colesandbetts.com Website: jillbetts.com



The USA largely consists of Missoula Flood deposits and Columbia River alluvium. The USA in the vicinity of the Site consists of materials of the Pleistocene Alluvial Aquifer (PAA). The regional groundwater flow direction in the USA is to the southwest toward the Columbia River. Horizontal hydraulic conductivity values for the PAA and RAA range over three orders of magnitude with a median of 200 feet per day (USGS, 1996).

## 3.2.2 Local Hydrogeology

Groundwater has not been encountered at the Property or surrounding areas during any of the investigations performed between 2004 and 2013. The most extensive groundwater assessment was performed in 2013, when three borings were completed to depths ranging between 40 and 55 feet bgs. Monitoring wells were installed in the three borings and gauged for the presence of groundwater four times between August 2013 and March 2014. Groundwater was not encountered in the monitoring wells despite the fact that the wells were gauged during the winter/spring seasons, when groundwater levels are typically highest. The water level gauging and other investigation activities are described in more detail in Section 4.

Boring observations and monitoring well gauging data indicate that groundwater is deeper than 55 feet bgs at the Property. Due to the absence of groundwater in monitoring wells, it is not possible to infer a local groundwater flow direction or gradient. Regionally, however, groundwater flows in a southwesterly direction, toward the Columbia River.

# 4.0 Supplemental Investigation

An SI was performed at the Property and surrounding areas between August 2013 and March 2014. The SI was performed in accordance with a letter request from Ecology, dated December 4, 2012. The scope and results of the SI are presented below.

### 4.1 Purpose and Objectives

The purpose of the SI was to further evaluate the potential for hazardous substance impacts to groundwater at the Property. The objective of this work was to: (1) obtain data, which, along with previously collected data, would be sufficient to characterize conditions at the Property; (2) evaluate potential risks to human health and the environment; (3) identify and evaluate remediation alternatives; and (4) prepare a CAP.

### 4.2 Scope of Work

The scope of the SI consisted of: (1) advancement of three direct-push explorations to depths ranging between 40 and 55 feet bgs; (2) field screening of soil from the borings for indications of hazardous substance impacts; (3) collection and laboratory analysis of soil samples from each boring; (4) installation of



Remedial Investigation, Feasibility Study, and Cleanup Action Plan Property at 1700 Broadway Street, Vancouver, Washington May 7, 2014 2076-00

Page 6

Appendix B

# Well Logs

### Sample Descriptions

Classification of soils in this report is based on visual field and laboratory observations which include density/consistency, moisture condition, and grain size, and should not be construed to imply field nor laboratory testing unless presented herein. Visual-manual classification methods of ASTM D 2488 were used as an identification guide.

Soil descriptions consist of the following:

MAJOR CONSTITUENT with additional remarks; color, moisture, minor constituents, density/consistency.

#### Density/Consistency

Soil density/consistency in borings is related primarily to the Standard Penetration Resistance. Soil density/consistency in test pits and push probe explorations is estimated based on visual observation and is presented parenthetically on test pit and push probe exploration logs.

SAND and GRAVEL	Standard Penetration Resistance in Blows/Foot	SILT or CLAY	Standard Penetration Resistance in Blows/Foot	Approximate Shear Strength in TSF
Very loose Loose Medium dense	0 - 4 4 - 10 10 - 30	Very soft Soft Medium stiff	0 - 2 2 - 4 4 - 8	<0.125 0.125 - 0.25 0.25 - 0.5
Dense Very dense	30 - 50 >50	Stiff Very Stiff Hard	8 - 15 15 - 30 >30	0.5 - 1.0 1.0 - 2.0 >2.0

#### Moisture

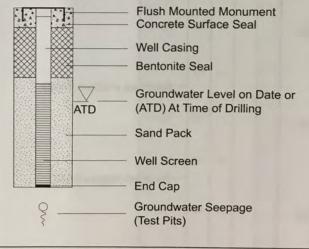
**Minor Constituents** Estimated Percentage Dry Little perceptible moisture. Not identified in description 0-5 SI. Moist Some perceptible moisture, probably below optimum. Slightly (clayey, silty, etc.) 5 - 12 Probably near optimum moisture content. Clayey, silty, sandy, gravelly 12 - 30 Moist Much perceptible moisture, probably above optimum. Wet Very (clayey, silty, etc.) 30 - 50

#### Sampling Symbols

BORING AND PUSH-PROBE SYMBOLS

	Recovery
	No Recovery
	Temporarily Screened Interval
PID	Photoionization Detector Reading
W	Water Sample
$\bigcirc$	Sample Submitted for Chemical Analysis
NS	No Sheen
SS	Slight Sheen
MS	Moderate Sheen
HS	Heavy Sheen
BF	Biogenic Film
TEST PIT	SOIL SAMPLES
M	Grab (Jar)
	Bag
	Shelby Tube

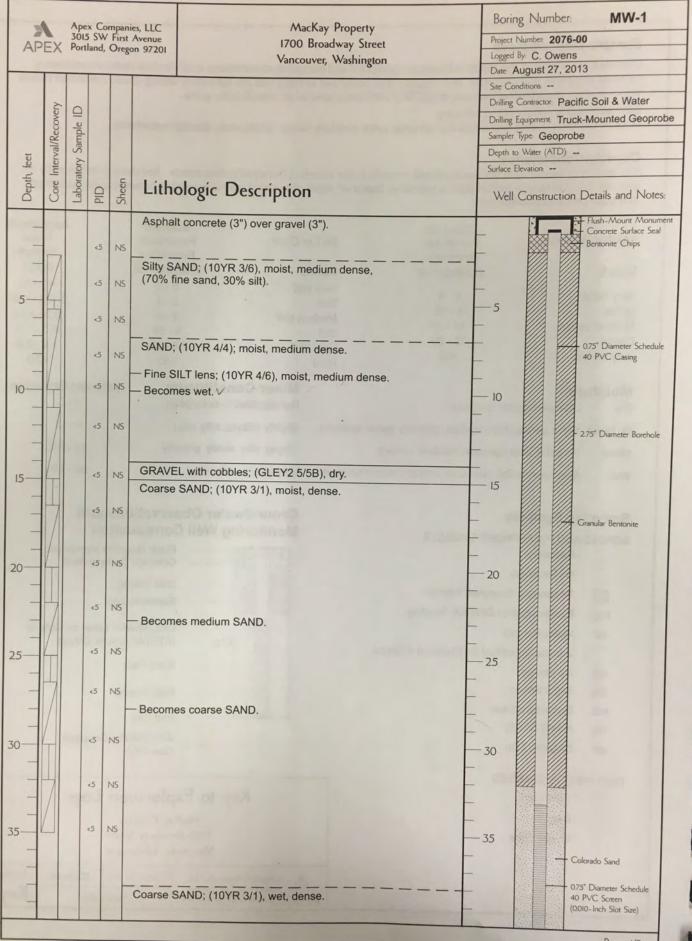
### Groundwater Observations and Monitoring Well Construction



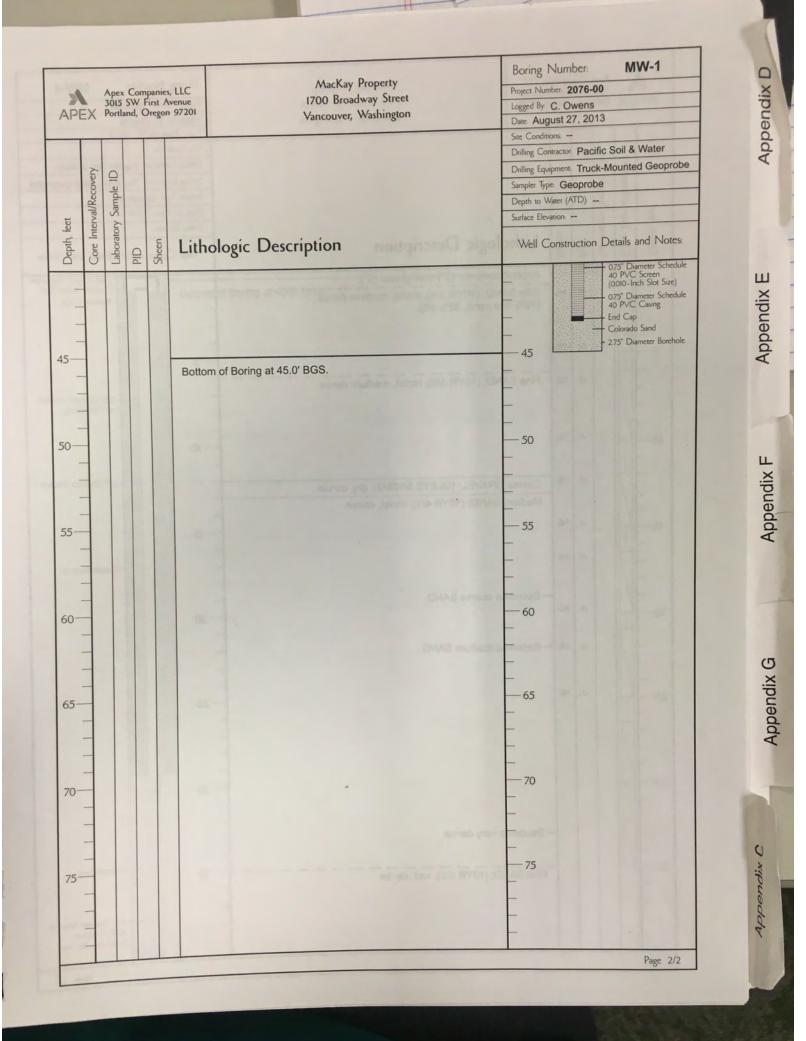
### Key to Exploration Logs

MacKay Property 1700 Broadway Street Vancouver, Washington

A	Apex Companies, LLC 3015 SW First Avenue	Project Number	2076-00	Figure
 APEX	Portland, Oregon 97201	March	2014	Key

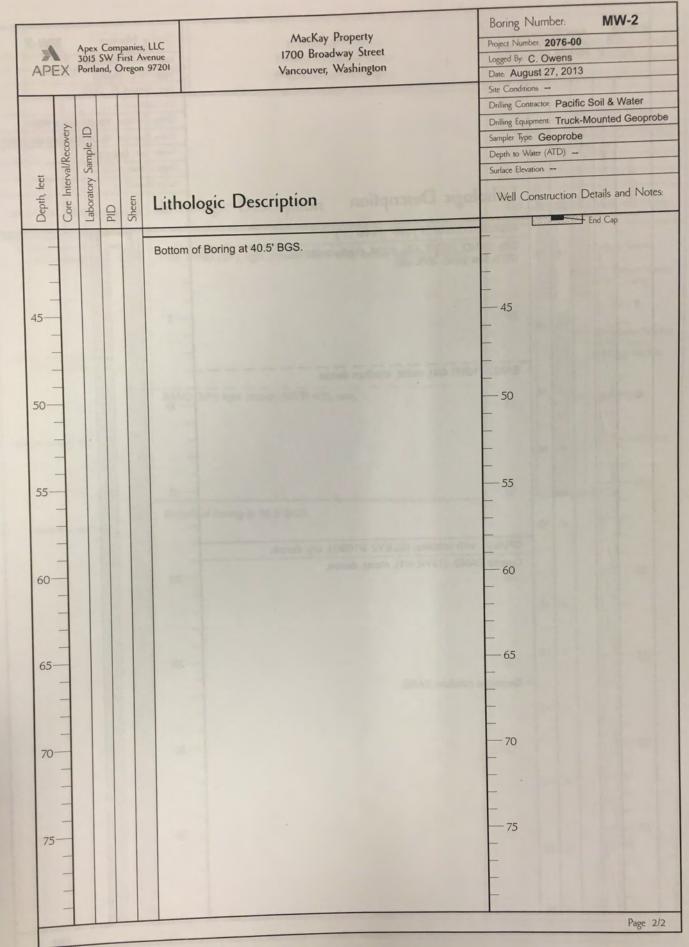


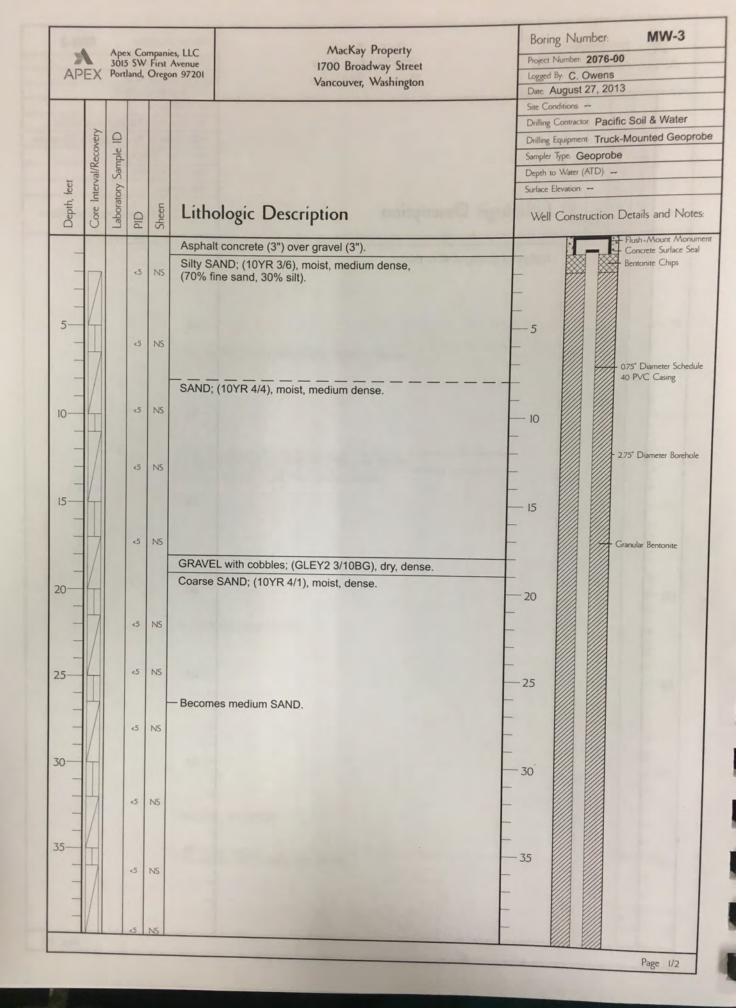
Page 1/2

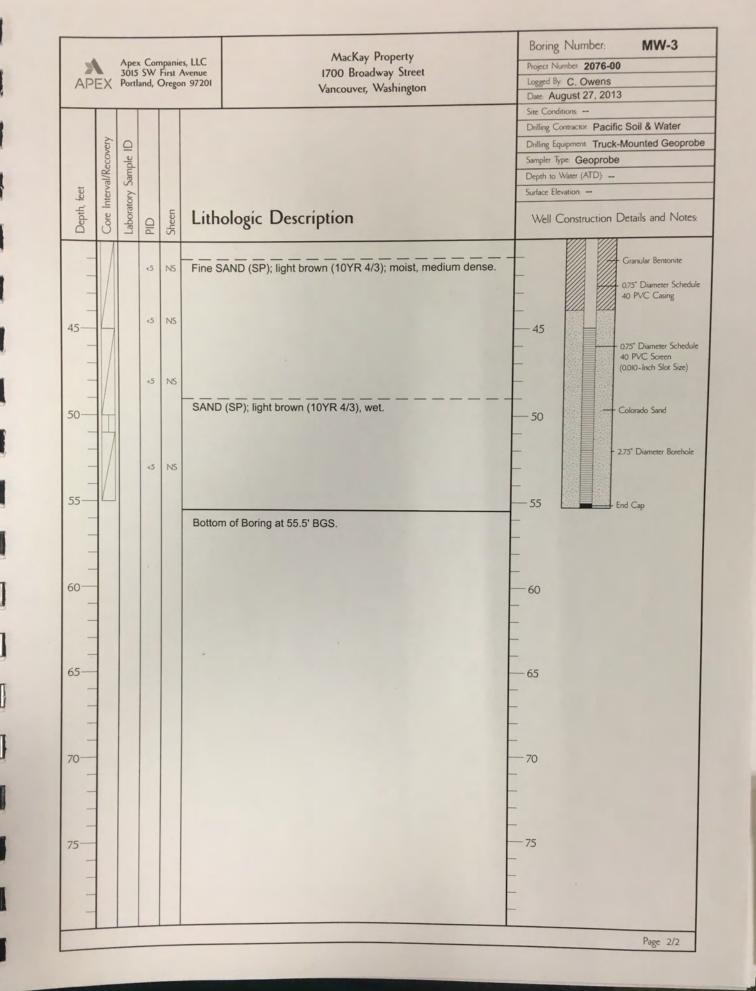


					Boring N	
-	Ape	x Com 5 SW F	panies,	LLC MacKay Property		er 2076-00
DEV	301. Por	5 SW F tland, C	irst Av		Logged By: C	C. Owens
PEX	Por	uana, C	regon	97201 Vancouver, Washington		st 27, 2013
	-		-		Site Condition	ns:
					Drilling Contr	ractor: Pacific Soil & Water
2					Drilling Equip	ment: Truck-Mounted Geoprobe
Dver					Sampler Type:	Geoprobe
Sec	hald	-			Depth to Wa	
val/l	Sar				Surface Elevat	
nter	NO					
Core Interval/Recovery	Laboratory Sample ID	DID	Sheen	Lithologic Description	Well Co	onstruction Details and Notes:
	) _	PI	S			Flush-Mount Monument Concrete Surface Seal
				Asphalt concrete (3") over gravel (3").	-	Bentonite Chips
	1	<5	NS	Silty SAND; (10YR 3/4), moist, medium dense,	-	
				(70% fine sand, 30% silt).	-	
-		-			-	
-1/		<5	NS		5	
-14		0	CPI		-5	
	4				+	
	1	<5	NS	Fine SAND; (10YR 4/6), moist, medium dense.	-	0.75" Diameter Schedule 40 PVC Casing
					-	40 PVC Casing
					-	
-1			NIC		- 10	
	T	<5	NS		10	
-						2.75" Diameter Borehole
-		<5	NS	Coarse GRAVEL; (GLEY2 3/10BG), dry, dense.		2.75 Diameter borehole
_					-	
				Medium SAND; (10YR 4/1), moist, dense.	-	
-		<5	NS		- 15	
5-					-	
-	Ц	<5	NS		_	Granular Bentonite
-			103			A A A A A A A A A A A A A A A A A A A
-						
-				- Becomes coarse SAND.	-	
0-	4	<	5 NS	140	- 20	VIA VIA
_	Ш				-	
			5 NS	Becomes medium SAND.	-	
					_	
-					_	
-			5 NS		25	
5-	H	C	145		-25	
-					-	
-					-	
_					-	
_					-	
0					- 30	
50-					50	
-					-	
-	1/			— Becomes very dense.	-	
-	-1/1				-	
35—				Fine SAND; (10YR 4/2), wet, dense.		Colorado Sand
_	-			Fille SAND, (1011( 42), wet, dense.		
_	-					
					T	
					-	0.75" Diameter Schedule 40 PVC Screen
-	1			and the second sec	-	(0010-Inch Slot Size)
_	-	-	_		and the second second	

I

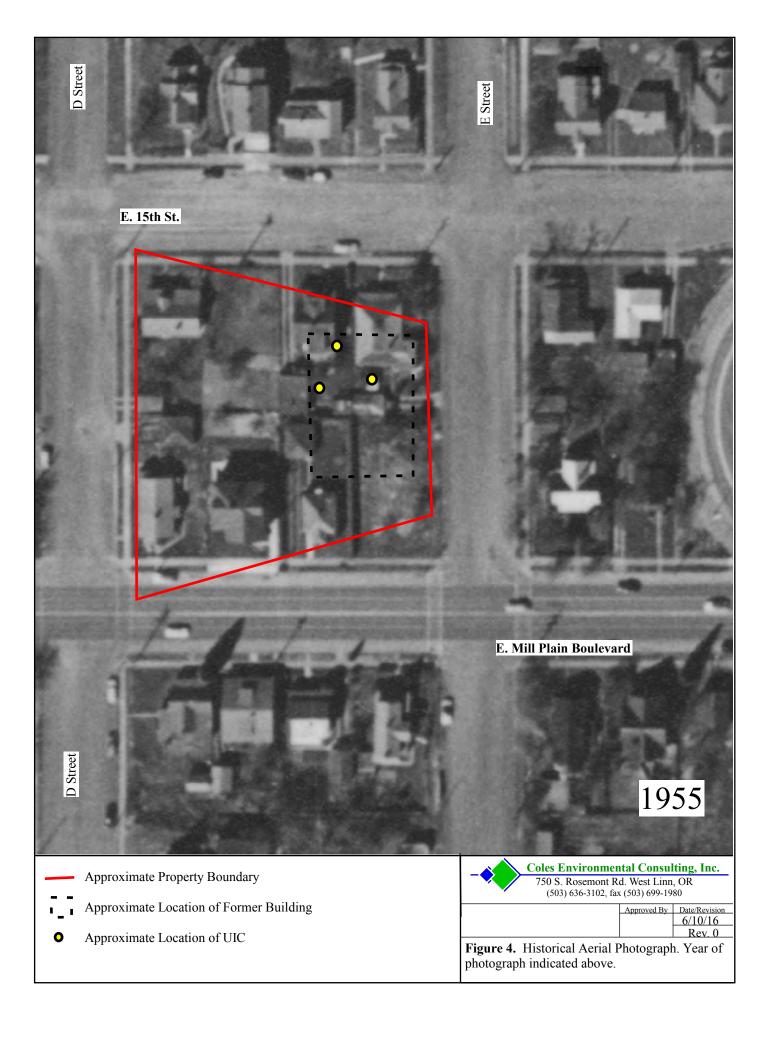


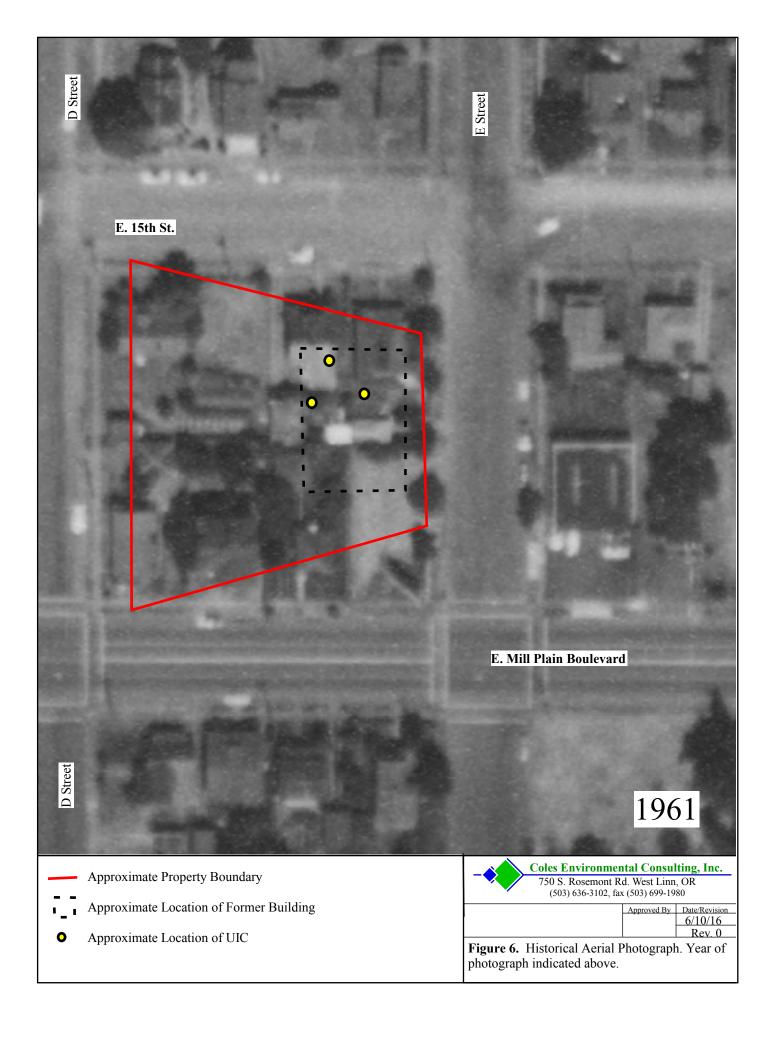


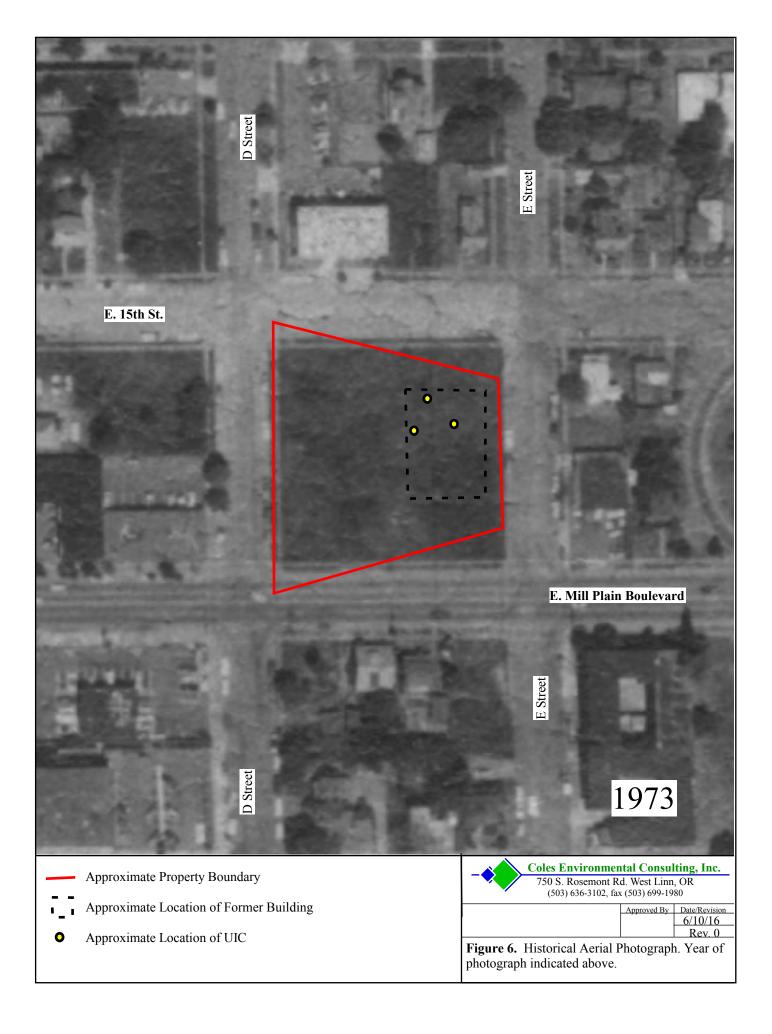


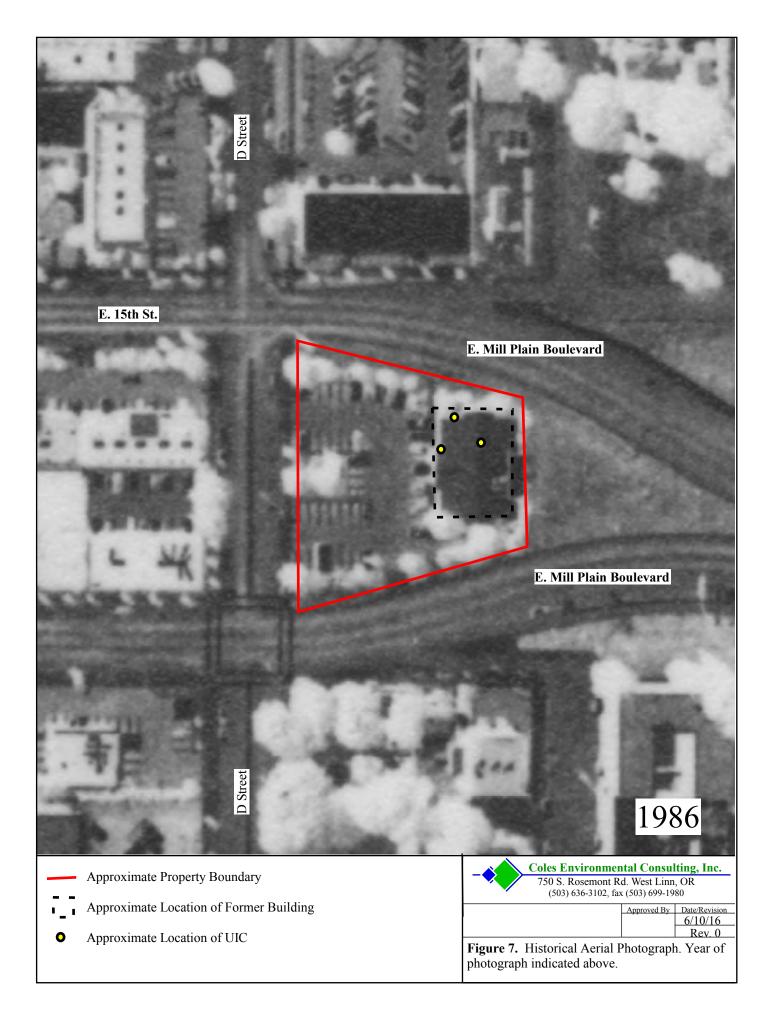
Appendix C

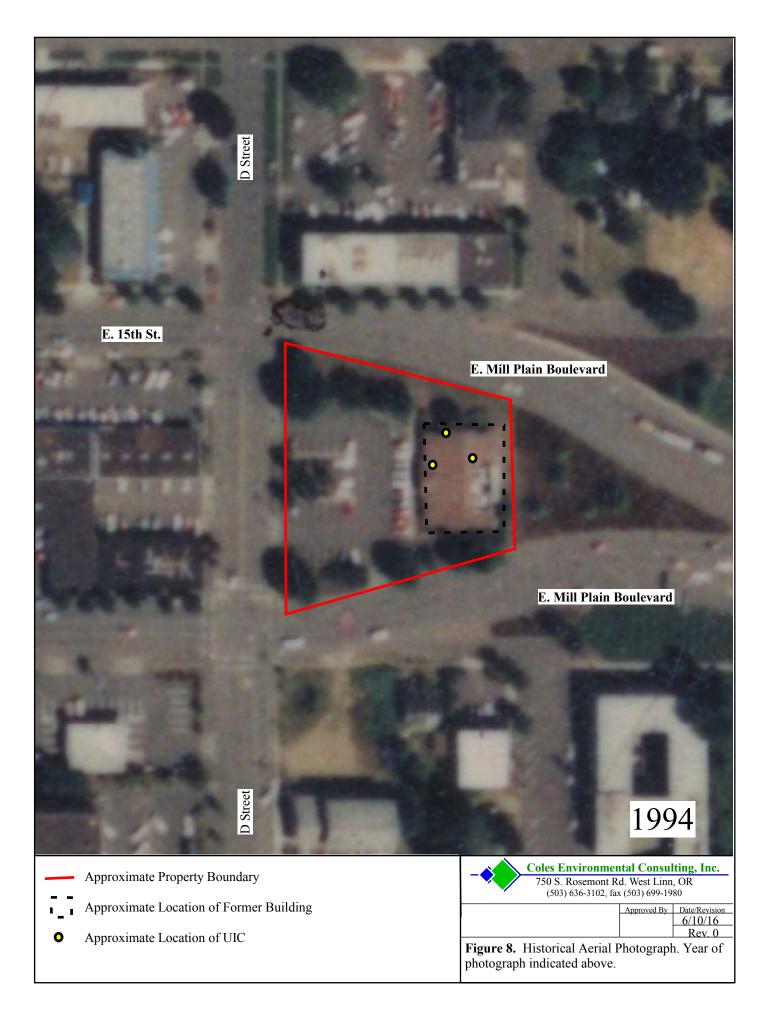
















#### GEOCON N O R T H



### FIELD REPORT

GEOTECHNICAL CONSULTANTS 8283 SW CIRRUS DRIVE BEAVERTON, OREGON 97008 PHONE: (503) 626-9889 FAX: (503) 626-8611

WE

PAGE \_\_\_\_\_ OF \_\_\_\_ DAY OF WEEK \_\_\_\_\_\_ DATE \_\_\_\_\_9/02/08 REPORT NO. \_\_\_\_\_4

O GRADING O TRENCH BACKFILL O OTHER

PROJ	400 Mill Plain Center	PROJECT NO. P1387	2-05-03
Z C O	CLIENT PHONE The Al Angelo Company	PROJECT MANAGER Wes Spang	FIELD TECHNICIAN/AUTHOR Kevin Schleh
C H A	CONTRACTOR PHONE Andersen Construction, Nutter Excavation	PROJECT BRIEFING O YES DATE BY	O PREVIOUSLY BRIEFED
NGED	CONTRACTOR'S SUPERINTENDENT/FOREMAN Mark Reusser	PLANS AND SPECIFICATIONS TITLE	O UNCHANGED
EQU	JIPMENT WORKING AND TYPE OF COMPACTOR	BYAPPROVAL DATE	REV. DATE
C		WEATHER Sunny	
LIS LIS WI	DLLOW-UP INVENTORY DID YOU REVIEW PREVIOUS FO T REPORT NUMBERS WHERE FOLLOW-UP WAS SATISFIED BY THIS REPORT: T REPORT NUMBERS STILL REQUIRING FOLLOW-UP: TAT IN PARTICULAR SHOULD BE OBSERVED, CHECKED, OR TESTED DURING NEXT VISIT? AS A MEMO ISSUED TODAY? O YES O NO MEMO NO. ONTRACTOR/FIELD TECHNICIAN ACTIVITIES — INDICATE ACTIVITIES		CONVERSATIONS, OBSERVATIONS, OR
A D C 1 a	courrences, deemed significant to the progress of work, be specific as to who, who penney's Restaurant. These drywells were observed to be similar onvention, these drywells will be referred to as "DW-2" and "DW- , and were constructed of red brick with domed tops. DW-2 pproximately 4 feet of overlying soil. DW-3 was located south verlying soil. The diameter of both drywells was observed to be at	that were located beneath the n r to DW-1 (that was encounter 3". These drywells were locate was located south east of DW of DW-1, and was buried ben	northern portion of the former red on 8/19/08). Per naming d in the same vicinity as DW- 7-1, and was buried beneath eath approximately 1 foot of

Because no observations of obvious impacts were not made soil from either of the drywells, the construction management team elected to decommission the drywells with controlled density fill in an effort to maintain the construction schedule and minimize adverse (financial or schedule) impacts to the project. The construction management team was informed of potential risks involved with decommissioning the drywells prior to obtaining laboratory analytical data.

and DW-3 was approximately 17 feet deep. Soil samples were collected from the bottom of both drywells using a hand auger.

A Geocon Northwest representative will return to the site as requested.

and the second se	Sector and the sector of the s			
FIELD TECHNICIAN (PRINT) Kevin Schleh	DATE 9/2/08	HOURS	O. T.	LIST ON-SITE VISITORS
NUMBER OF DENSITY TESTS TAKEN				CLIENT REPRESENTATIVE SIGNATURE

GEOCON NORTHWESTING

P1387-05-03 September 18, 2008

GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS



The Al Angelo Company Mr. Albert Angelo III 404 E 15<sup>th</sup> Street Vancouver, Washington 98663

Subject:

400 MILL PLAIN CENTER VANCOUVER, WASHINGTON DRYWELL DECOMMISSIONING

Dear Mr. Angelo:

Geocon Northwest, Inc. (Geocon) has observed the decommissioning of three (3) drywells at the 400 Mill Plain Center site, located at 400 Mill Plain Boulevard in Vancouver, Washington (Figure 1, Site Vicinity Map). The drywells were located beneath the northern portion of the former Denny's Restaurant building, and appear to have been used for surface drainage of a development that predated the restaurant. The drywells were encountered during excavation activities and were decommissioned on an expedited basis to minimize financial and schedule impacts to construction. Geocon has previously completed several phases of geotechnical investigation at the subject property, and a review of boring logs indicates the depth to groundwater to be greater than 50 feet below the ground surface (bgs). The approximate locations of the drywells are illustrated on the Site Plan, Figure 2.

The first drywell (DW-1) was encountered on August 19, 2008, and the other two (DW-2 and DW-3) were encountered on September 2, 2008. All of the drywells were observed to be similarly constructed with a red brick liner that had an approximate diameter of 4-feet. The depth of the drywells was measured to be approximately 20 feet bgs in DW-1, 13 feet bgs in DW-2 and 17 feet bgs in DW-3. The top of each drywell was buried beneath approximately 1 foot of soil. Water was not observed in any of the drywells. Four lateral drain tiles were observed in the upper portion of DW-1, and are assumed to be connected to a surface drainage system.

Samples of sediment that had accumulated in the bottom of the drywells were collected for laboratory analyses. The samples were analyzed by Northwest Methods for the presence of total petroleum hydrocarbons (TPH) as gasoline (NWTPH-Gx) and diesel and oil (NWTPH-Dx), volatile organic compounds (VOC's) by US Environmental Protection Agency (EPA) Mathod 8260B, total metals by EPA 6000/7000 Series Methods, and Toxicity Characteristic Leaching Procedure (TCLP) metals by EPA 6000/7000 Series Methods. The analytical results are summarized below in Tables 1, 2, and 3. The soil samples were collected by a Geocon staff member from a decontaminated hand auger directly into laboratory prepared eight ounce clear glass jars with Teflon lined screw caps while wearing new nitrile gloves. Upon collection, the samples were properly labeled, placed into an iced cooler, and maintained under chain of custody protocol. The samples were delivered to APEX Labs in Tigard, Oregon for analytical testing. Copies of the laboratory analytical reports are attached.

Project No. P1387-05-03 September 18, 2008

400 Mill Plain Center Vancouver, Washington **Drywell Decommissioning** 

#### TABLE 1 SUMMARY OF ANALYTICAL RESULTS PETROLEUM HYDROCARBONS AND VOLATILE ORGANIC COMPOUNDS

Sample	Sample	Depth	NWTPH-Gx	NWT	PH-Dx	EPA 8260B
ID I	Date	(ft bgs)	Gasoline	Diesel	Oil	VOC's
DW-1	8/19/08	20	4.93U	32.0U	70.6	ND
DW-2	9/02/08	13	6.24U	28.9U	58.7	ND
DW-3	9/02/08	17	9.56U	147	393	ND
and the second	ethod A Clear	up Levels	100	2000	2000	

Analytical results are presented in milligrams per kilogram (mg/kg). MTCA Method A Cleanup Levels were obtained from Table 745-1 of 173-340 WAC for Industrial Properties.

U - indicates analyte not detected at detection limit shown.

ND - Indicates all analytes for the analytical suite ware not detected at or above the respective method reporting limits.

BOLD - Indicates detection of analyte at value shown.

#### TABLE 2 SUMMARY OF ANALYTICAL RESULTS TOTAL METALS

*****						TOTAL	Metals			
Sample ID	Sample Date	Depth (ft bgs)	Arsenic	Bàrium	Cadmium	Chromium	Lead	ပ်။သူ့စီ	Selenium	Silver
DW-1	8/19/08	20	4.03	135	2	16.5	25.7	0.206	1.14U	2.28U
······································	9/02/08	13	5.89	111	1.39U	20.5	86.7	5.82	1.390	2.77U
DW-2		13		233	1.59U	30.3	432	10.4	1.59U	7.09
DW-3	9/02/08	1/	7.99	200		Contraction of Contract	de constant de la constant de			
MTCA M	ethod A Cleanup	Levels	20		2	2000	1000	2	**	
	ion 6 Screening		~	100000	***				5700	5700

Analytical results for Total Metals are presented in milligrams per kilogram (mg/kg). MTCA Method A Cleanup Levels were obtained from Table 745-1 of 173-340 WAC for industrial Properties.

EPA Region 6 Screening Levels are for the Industrial-Outdoor Worker exposure, and were applied where the analyte was not listed in MTCA. U - Indicates analyte not detected at detection limit shown.

BOLD -- Indicates detection of analyte at value shown.

#### TABLE 3 SUMMARY OF ANALYTICAL RESULTS **TCLP METALS**

	<u>, 1999, 1999, 1999, 1997, 1997, 1997, 1997, 1997</u> , 19977, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1	ىمىكەتى <sub>يا</sub> ئ <u>ەسىمە</u> تەلەر بېرىپىيەم مىسەپەر	TCLP Metals							
Sample ID	Sample Date	Depth (ft bgs)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
DW-1	8/19/08	20	0.10	1.25U	0.05U	0.1U	0.05U	0.004U	0.05U	0.10
DW-2	9/02/08	13	0.1U	1.25U	0.05U	0.10	0.05U	0.004U	0.05U	0.10
	9/02/08	17	0.10	1.25U	0.05U	0.1U	0.478	0.004U	0.05U	0.1U
DW-3	9/02/06						1	Contraction of the second second	1	

Analytical results for TCLP Metals are presented in milligrams per liter (mg/l).

U - Indicates analyte not detected at detection limit shown.

BOLO -- Indicates detection of analyte at value shown.

2

400 Mill Plain Center Vancouver, Washington Drywell Decommissioning

a ...

Project No. P1387-05-03 September 18, 2008

A review of the analytical results for the samples showed detections of diesel and oil range petroleum hydrocarbons, total metals, and TCLP lead. The test results for gasoline range petroleum hydrocarbons, VOC's, and most of the TCLP metals showed no detection at or above the respective method reporting limits. The analytical results for the detections of diesel and oil range petroleum hydrocarbons were flagged by the laboratory, which indicated the result was elevated due to the presence of individual analyte peaks in the quantitation range that was not representative of the reported fuel pattern. The detected results were compared with the State of Washington Model Toxics Control Act (MTCA) Cleanup Regulations (173-340 WAC) for industrial properties or EPA Region 6 Screening Levels (where MTCA screening levels were not tabulated) to assess potential risks to human health or the environment. This review showed that mercury was exceeding the MTCA screening level in sediment samples collected from DW-2 and DW-3. The MTCA screening level for mercury is listed at 2 milligrams per kilogram (mg/kg). The analytical results for analysis of total metals shows detections of mercury at 5.82 and 10.4 in DW-2 and DW-3 respectively.

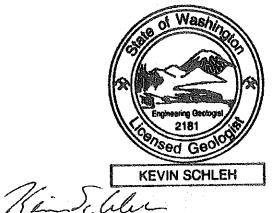
Based on the analytical results of sample DW-1 in comparison to MTCA Method A cleanup Levels, the drywell was permanently decommissioned by filling it with controlled density fill (CDF) to an approximate depth of 3 feet beneath planned footing elevations for the proposed new structure. Crushed rock was placed and compacted between the top of the CDF and footing elevation. Drywells DW-2 and DW-3 were encountered when mass grading was in full operations with numerous other activities being completed onsite. In an effort to minimize financial and schedule impacts to construction and based on the analytical results from DW-1, drywells DW-2 and DW-3 were decommissioned with CDF immediately after sample collection, which encapsulated the sediment in the bottom of the drywells. In the short time since the drywells were assessed, construction has progressed and several large footings have been constructed above the subject area. The volume of the impacted sediment is minimal and does not present an unacceptable hazard to human health or the environment, as it is buried baneath several feet of CDF and is effectively immobilized.

Based on a review of potential exposure routes and receptors, the impacted sediment does not present a risk to human health or the environment. Discussions with representatives of the Washington Department of Ecology (DOE) indicate that the most feasible alternative to manage the impacted media is through the use of institutional controls. This would allow the impacted sediment to remain in place until the structure is demolished, and will require that a cleanup action be completed at that time. This process would record site details in a database maintained by the DOE. A copy of this report should be submitted to the DOE for their review and approval.

400 Mill Plain Center Vancouver, Washington. Drywell Decommissioning Project No. P1387-05-03 September 18, 2008 . 1

Should you have any questions regarding this report or require additional information, please contact the undersigned at your convenience. We thank you for the opportunity to work with you on this project.

Sincerely, Geocon Northwest, Inc.



Kevin Schleh, L.G., L.H.G., L.E.G. Engineering Geologist

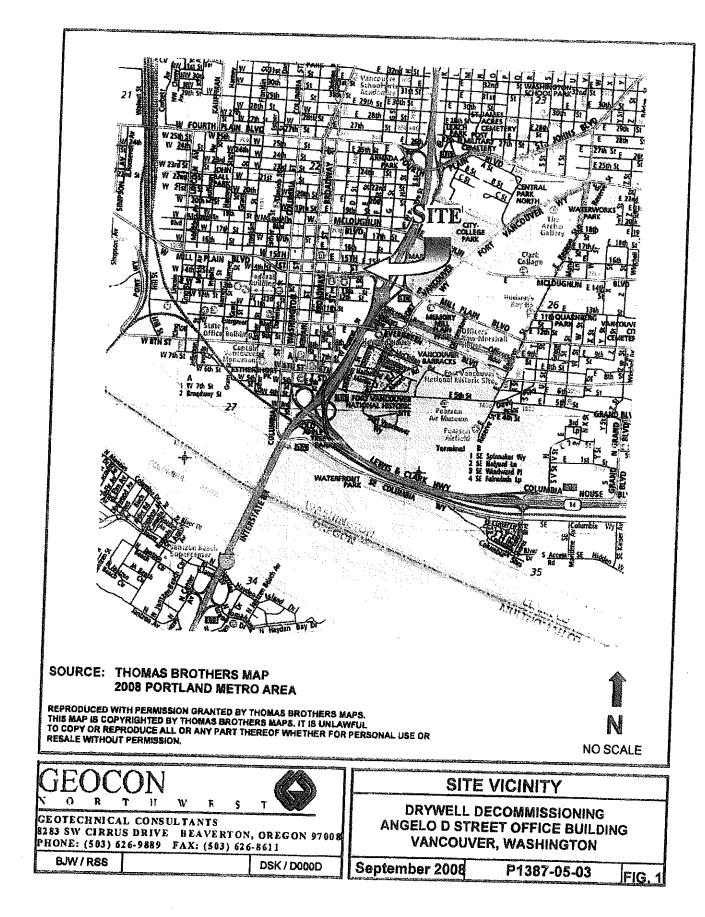
Attachments:

Figure No. 1 -- Site Vicinity Map Figure No. 2 - Site Plan Laboratory Analytical Reports

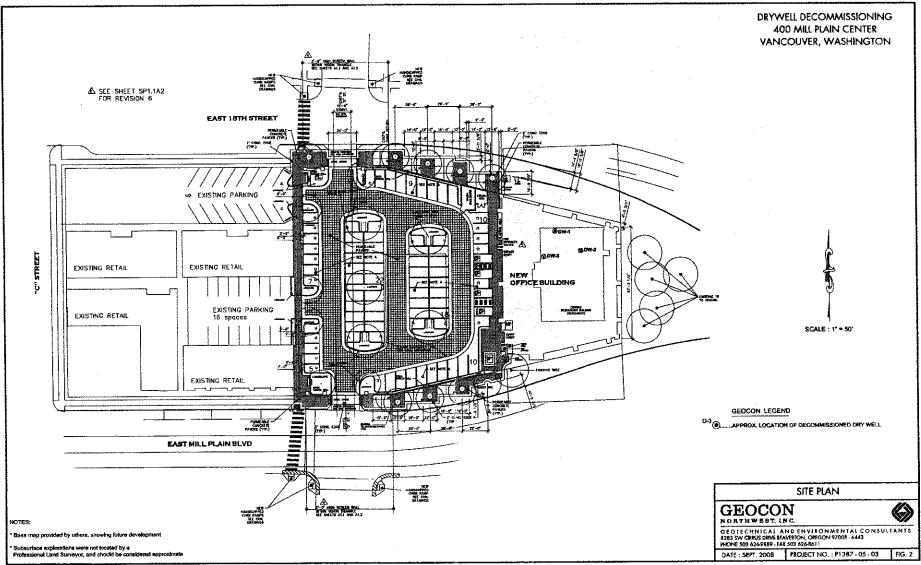
ks:WS (3) Addressee cc: Mr. Andy Jacobsen, Wilson and Associates

P.E.

Wesley Sp President



e.



MON7-05-03\_STEPLANNIG2\_K3/RASDWG

12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Tuesday, August 26, 2008

Kevin Schleh Geocon Northwest Inc. 8283 SW Cirrus Dr Beaverton, OR 97008-6443

RE: D Street Office Bldg. / P1387-05-03

Enclosed are the results of analyses for work order <u>A808174</u>, which was received by the laboratory on 8/19/2008 at 1:50:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

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Philip Neemberg

Philip Nerenberg, Lab Director

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	08/26/08 17:08

### ANALYTICAL REPORT FOR SAMPLES

	SA	MPLE INFORMATI	ON	
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DW-1	A808174-01	Soil	08/19/08 13:00	08/19/08 13:50

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#### Geocon Northwest Inc.

8283 SW Cirrus Dr

Beaverton, OR 97008-6443

Project D Street Office Bldg. Project Number: P1387-05-03 Project Manager. Kevin Schleh

Reported: 08/26/08 17:08

### ANALYTICAL SAMPLE RESULTS

Diesel Range	Diesel Range (C10-C22) and Oil Range (C22-C40) Hydrocarbons by NWTPH-Dx - Silica Gel Cleanup										
Analyte	Result	MDL.	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes			
DW-1 (A808174-01RE1)			Matrix: Soil								
Diesel Range Organics	ND	بنبدر	32.0	mg/kg dry	İ	08/19/08 19:08	NWTPH-Dx				
Oil Range Organics	70.6	1.000	64.1	- <del>R</del>	-00	n	н	E-03			
Surrogate: o-Terphenyl (Surr)		Rec	overy: 86 % L	imits: 50-150 %	й. Л	· c	. Pr				

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Philip Nerenberg, Lab Director

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	08/26/08 17:08

#### ANALYTICAL SAMPLE RESULTS

	Gasoline Range (C6-C10) Hydrocarbons by NWTPH-Gx									
Analyte	Result	MDL	Reporting Limit	g Units	Dilution	Date Analyzed	Method	Notes		
DW-1 (A808174-01)			Matrix: So	bil				V-06		
Gasoline Range Organics	ND	312	4.93	mg/kg dry	50	08/20/08 14:42	NWTPH-Gx			
Surrogate: 4-Bromofluorobenzene (Sur) 1,4-Difluorobenzene (Sur)		Rec	overy: 82 %	Limits: 50-150 %	1	0	0			
			74 %	Limits: 50-150 %	<i>y</i>					

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	Geocon Northwest Inc.	Project D	Street Office Bldg.	
l	8283 SW Cirrus Dr	Project Number: P1	387-05-03	Reported:
į	Beaverton, OR 97008-6443	Project Manager: Ke	win Schleh	08/26/08 17:08

#### ANALYTICAL SAMPLE RESULTS

		Volatile	Organic Com	pounds by B	EPA 8260B			
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
DW-1 (A808174-01)			Matrix: Soil					V-06
Acetone	ND	2.8.2.1	1230	ug/kg dry	50	08/20/08 14:42	5035/8260B	
Benzene	ND		15.4	- tr		U		
Bromobenzene	ND	***	30.8		ы		v	
Bromochloromethane	ND		30.8				0	
Bromodichloromethane	ND		30.8	. и		0	u .	
Bromoform	ND		61.6	- 0,	- A.	0	0	
Bromomethane	ND		616	n.	- 0	а.	0	
2-Butanone (MEK)	ND		616	**		08.	0.	
n-Butylbenzene	ND		30.8		1	-97 -	-0	
sec-Butylbenzene	ND		30.8		ж.	0	9	
tert-Butylbenzene	ND	444	30.8	- 0		6	ü	
Carbon tetrachloride	ND		30.8	18		-	n-	
Chlorobenzene	ND		30.8	U		10	0	
Chloroethane	ND		616	0	łv	hi.	ats	
Chloroform	ND		308		н.	-0	Tr.	
Chloromethane	ND		308	- H.,			b	
2-Chlorotoluene	ND		30.8	.0.	tr.		0-	
4-Chlorotoluene	ND		30.8	0			0	
1,2-Dibromo-3-chloropropane	ND	lines!	123					
Dibromochloromethane	ND	-	61.6		0.		-01-	
1,2-Dibromoethane (EDB)	ND		30.8	н		-0	а́р	
Dibromomethane	ND	_	30.8		11	E.	- 0 -	
1,2-Dichlorobenzene	ND		30.8			-46-	<u>n</u>	
1.3-Dichlorobenzene	ND		30.8			-m-	-00-	
1.4-Dichlorobenzene	ND	-	30.8		м.		Ψ.	
Dichlorodifluoromethane	ND		61.6	1.0		-0-		
1.1-Dichloroethane	ND		30.8	1.0		ii.	-	
1,2-Dichloroethane (EDC)	ND		30.8		U .	.ñ.	Ū.	
1,1-Dichloroethene	ND		30.8	. 10		-10	÷Ð.	
cis-1,2-Dichloroethene	ND	_	30.8		п.			
trans-1,2-Dichloroethene	ND		30.8	А		0	<sup>1</sup> U	
1,2-Dichloropropane	ND		30.8				41-	
1,3-Dichloropropane	ND		30.8	ñ	Ū -	A.	10	
2,2-Dichloropropane	ND		61.6	л	0		TO	

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Geocon Northwest Inc.	Project D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number: P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager: Kevin Schleh	08/26/08 17:08

#### ANALYTICAL SAMPLE RESULTS

		Volatile	Organic Com	pounds by EF	PA 8260B			
			Reporting		Same	and the last		
Analyte	Result	MDL	Limit	Units	Dilution	Date Analyzed	Method	Notes
DW-1 (A808174-01)			Matrix: Soil					V-0
1.1-Dichloropropene	ND	***	30.8	ug/kg dry	50		5035/8260B	
cis-1,3-Dichloropropene	ND		61.6	÷.	v	.0.	Ψ.	
trans-1,3-Dichloropropene	ND		61.6	- 4	n	98.	22	
Ethylbenzene	ND	***	30.8		4)	747	**	
Hexachlorobutadiene	ND		123	<u></u>	n		0	
2-Hexanone	ND	***	616	IC.	ū	0	0	
Isopropylbenzene	ND		30.8	14	. 9	D.,		
4-Isopropyltoluene	ND		30.8	- 11		м.	0	
4-Methyl-2-pentanone (MiBK)	ND	***	616			n		
Methyl tert-butyl ether (MTBE)	ND	-	61.6		.9	20		
Methylene chloride	ND		308		υ	11	40	
Naphthalene	ND	***	308	17		9	0	
n-Propylbenzene	ND		30.8	*	.u	P	9	
Styrene	ND		30.8	p.	"	10	10	
1,1,1,2-Tetrachloroethane	ND	-	61.6	tr .	41	ŵ.		
1,1,2,2-Tetrachloroethane	ND		30.8	be -			ν.	
Tetrachloroethene (PCE)	ND		30.8	11		0	σ	
Toluene	ND	244	123		0	р.	6	
1,2,3-Trichlorobenzene	ND		123				.0	
1,2,4-Trichlorobenzene	ND		123		41	σ.		
1,1,1-Trichloroethane	ND		61.6	0		0.	-0	
1,1,2-Trichloroethane	ND	1244	30.8		10			
Trichloroethene (TCE)	ND		30.8	44	.0		.0	
Trichlorofluoromethane	ND		308	- a l	**		.00	
1,2,3-Trichloropropane	ND	-	61.6	12		π <sup>2</sup>	70	
1.2.4-Trimethylbenzene	ND		51.6		1.1	π.	<i>n</i>	
1.3.5-Trimethylbenzene	ND		61.6			п.	40	
Vinyl chloride	ND		30.8	5		<i>n</i> .	.0	
m,p-Xylene	ND	-	61.6				<u>0</u> .	
o-Xylene	ND		30.8			п.	.0	
Surrogate: Dibromofluoromethan				imits: 70-130 %	1	16.		
1,4-Difluorobenzene (S				imits: 70-130 %			40	
Toluene-d8 (Surr)				imits: 70-130 %		n.	-10	
4-Bromofluorobenzene	(Surr)		102 % Li	imits: 70-130 %	.0.	м	110	

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8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	08/26/08 17:08

#### ANALYTICAL SAMPLE RESULTS

TCLP Metals by EPA 6020 (ICPMS)									
Reporting									
Analyte	Result	MDL	Limit	Units	Dilution	Date Analyzed	Method	Notes	
DW-1 (A808174-01)			Matrix: Soil						
Arsenic	ND	-+-	0.100	mg/L	5	08/20/08 17:53	EPA 1311/6020		
Barium	ND		1.25	"	8	a.	ш		
Cadmium	ND		0.0500		0		- B.		
Chromium	ND	***	0.100	0	6	· m	. 0.		
Lead	ND		0,0500		<i>p</i> .	at .	-11		
Mercury	ND		0.00400			- 20	0		
Selenium	ND		0.0500		Ű.	w.			
Silver	ND		0.100			-00	* B		

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	08/26/08 17:08

### ANALYTICAL SAMPLE RESULTS

Percent Dry Weight by D2216								
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
DW-1 (A808174-01)			Matrix: Soil					_
% Solids	87.9	(adar	1:00	% by Weight	1	08/20/08 08:09	D2216	

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	08/26/08 17:08

#### QUALITY CONTROL (QC) SAMPLE RESULTS

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8080211 - EPA 354	46 (Fuels)						Soil			_	_	
Blank (8080211-BLK1)						Analyzed:	08/19/08 17	:01				
NWTPH-Dx												
Diesel Range Organics	ND		20.0	mg/kg wet	1							
Oil Range Organics	ND		40.0	10	<u>n</u> /				-			
Surr: o-Terphenyl (Surr)		Rec	overy: 93 %	Limits: 50	1-150 %	Dil	ution: 1x					
LCS (8080211-BS1)						Analyzed:	08/19/08 17	:21				
NWTPH-Dx												
Diesel Range Organics	79.0	-	20.0	mg/kg wet	1	83.3		95	75-125%			
Oil Range Organics	88.0		40.0	н -	11 -	- 66		106	- (P		***	

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR. 97008-6443	Project Manager	Kevin Schleh	08/26/08 17:08

#### QUALITY CONTROL (QC) SAMPLE RESULTS

		Gaso	oline Range	e (C6-C10)	Hydroca	rbons by	NWTPH-(	Зх				
Analyte	Result	MDL	Reporting Limit	Units	Dil	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8080217 - EPA 5035A							Soil	-				
Blank (8080217-BLK1)						Analyzed:	08/20/08 14	:11				
NWTPH-Gx Gasoline Range Organics	ND		4.00	mg/kg wet	50		-	***			~~~	
Surr: 4-Bromofluorobenzene (Sur) 1.4-Difluorobenzene (Sur)		Reci	nvery: 81 % 76 %		50-150 % 50-150 %	Dil	ution: 1x "					
LCS (8080217-BS2)					-	Analyzed:	08/20/08 13	:37				
NWTPH-Gx Gasoline Range Organics	19.8		4.00	mg/kg wet	50	25.0		79	70-130%			
Surr: 4-Bromofluorobenzene (Sur) 1.4-Difluorobenzene (Sur)		Reci	overy: 77 % 75 %	Limits:	50-150 % 50-150 %	Dil	ution: 1x					
Duplicate (8080217-DUP1)			Source: /	\$808174-01		Analyzed:	08/20/08 15	:13	_			
NWTPH-Gx Gasoline Range Organics	ND		4.77	mg/kg dry	50		ND		ά. Έ	-	30%	
Surr: 4-Bromofluorobenzene (Sur) 1,4-Difluorobenzene (Sur)		Reco	overy: 81% 74%		50-150 % 50-150 %	Dil	ution: 1x					

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	08/26/08 17:08

#### QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B												
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 8080217 - EPA 50354	4						Soil		_			
Blank (8080217-BLK1)						Analyzed:	08/20/08 14	:11				
5035/8260B												
Acetone	ND		1000	ug/kg wet	-50		***					
Benzene	ND		12.5	p	<u>.</u>		***		****			
Bromobenzene	ND		25.0	0		***	***					
Bromochloromethane	ND		25.0				***					
Bromodichloromethane	ND	+++	25.0	- 11								
Bromoform	ND	***	50.0			***						
Bromomethane	ND	***	500	-10	**							
2-Butanone (MEK)	ND		500	1.44			***					
n-Butylbenzene	ND	***	25,0									
sec-Butylbenzene	ND		25.0	1.12								
tert-Butylbenzene	ND	***	25.0		4							
Carbon tetrachloride	ND		25.0									
Chlorobenzene	ND		25.0					and and a second	-			
Chloroethane	ND		500		· W			inter .	-		-	
Chloroform	ND		250		н		244	1242		-		
Chloromethane	ND		250	- 0	ж		244	1443	-			
2-Chlorotoluene	ND		25.0	- 6			1.1	144	-		122	
4-Chlorotoluene	ND		25.0	- n				144	-			
1.2-Dibromo-3-chloropropane	ND		100				111	-				
Dibromochloromethane	ND		50.0					344				
1.2-Dibromoethane (EDB)	ND		25.0						-			
Dibromomethane	ND	-	25.0									
1.2-Dichlorobenzene	ND		25.0		- ii	***	***	-++	+++			
1,3-Dichlorobenzene	ND		25:0	1.00			1410		442.			
1.4-Dichlorobenzene	ND		25.0					-+-				
Dichlorodifluoromethane	ND		50.0	0.0								
1.1-Dichloroethane	ND		25.0	- 14	- 41							
1.2-Dichloroethane (EDC)	ND		25.0	(100)		***	***					
1.1-Dichloroethene	ND		25.0	200								
cis-1,2-Dichloroethene	ND		25.0	-		***						
trans-1,2-Dichloroethene	ND		25.0	54.			-					
1,2-Dichloropropane	ND		25.0	100								
1,3-Dichloropropane	ND	***	25.0	100	-ii							
2,2-Dichloropropane	ND		50.0									

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	08/26/08 17:08

#### QUALITY CONTROL (QC) SAMPLE RESULTS

No. 1			Reporting	11.5		Spike	Source	a/DEC	%REC	DBD	RPD	Max
Analyte	Result	MDL	Limit	Units	Dil.	Amount	Result	%REC	Limits	RPD	Limit	Notes
Batch 8080217 - EPA 5035A							Soil	L				
Blank (8080217-BLK1)						Analyzed:	08/20/08 14	:11				
1,1-Dichloropropene	ND		25.0	ug/kg wet			***	**	***			
cis-1,3-Dichloropropene	ND		50.0	н	10		222	÷÷ť	-			
trans-1,3-Dichloropropene	ND		50.0	н	14	1.444		NH C				
Ethylbenzene	ND		25.0	18	0			<del></del>	***		( <del>244</del> )	
Hexachlorobutadiene	ND		100	н	0.		+++	€+€				
2-Hexanone	ND		500	10 T	36			1995			177	
Isopropylbenzene	ND		25.0	00	26.			1777	***			
4-Isopropyltoluene	ND		25.0	(in	- n. <sup>1</sup>		***					
4-Methyl-2-pentanone (MiBK)	ND		500	10	<u>19</u>							
Methyl tert-butyl ether (MTBE)	ND	1000	50.0	·00.				level.	***			
Methylene chloride	ND		250	914	20				***		***	
Naphthalene	ND		250	or).	<i>j</i> n.					1.00		
n-Propylbenzene	ND		25.0		34							
Styrene	ND		25.0	1	-1j					-		
1,1,1,2-Tetrachloroethane	ND		50.0	an i	0							
1,1,2,2-Tetrachloroethane	ND		25.0	10	0							
Tetrachloroethene (PCE)	ND		25.0	TC .	÷.							
Toluene	ND		100	1	0							
1,2,3-Trichlorobenzene	ND	-	100	11				-				
1,2,4-Trichlorobenzene	ND		100	11	01							
1.1.1-Trichloroethane	ND	-	50.0	n							-	
1,1,2-Trichloroethane	ND		25.0	0	.0	144						
Trichloroethene (TCE)	ND		25.0	0			(mane)		- 222		141	
Trichlorofluoromethane	ND		250	0	10	***		***			(Law)	
1,2,3-Trichloropropane	ND	(main)	50,0	0 -	. 10	***		***			1444	
1,2,4-Trimethylbenzene	ND	and an	50,0	.0 -	υ.		-+-	***		المعلار	(1444)	
1,3,5-Trimethylbenzene	ND	***	50.0	0	.90						-	
Vinyl chloride	ND	-	25.0	и -	Ъ.	***		***			1242	
m,p-Xylene	ND	-	50,0		n.	***		***		-	14441	
o-Xylene	ND		25.0		41							
Surr: Dibromofluoromethane (Surr	J	Rec	overy: 95 %	Limits:	70-130 %	Dil	ution: 1x					
1.4-Difluorobenzene (Surr)			102 %		70-130 %		<i>u</i>					
Toluene-d8 (Surr)			99 %		70-130 %		32					
4-Bromofluorobenzene (Surr)			100 %		70-130 %		-11					

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	08/26/08 17:08

#### QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B           Reporting         Spike         Source         %REC         RPD												
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 8080217 - EPA 50354	Ą					_	Soil	i			_	
CS (8080217-BS1)						Analyzed:	08/20/08 13	:00				
035/8260B												
Acetone	1340		1000	ug/kg wet	50	2000	-	67	65-135%			
Benzene	956		12 5	н	8.0	1000		96	н.			
Bromobenzene	974		25.0	78	re-			97				
Bromochloromethane	962		25 0	11	w.	-84		96	-440	-		
Bromodichloromethane	1040		25 0	16	81.1		244	104	.05	-		
Bromoform	1000		50 0	ж				100	0.00	1000		
Bromomethane	1280	144	500	**			+++	128	(H),			
2-Butanone (MEK)	1360		500	<i>p.</i>	.n.	2000		68			***	
n-Butylbenzene	1020		25.0	<i>p</i>		1000		102	1.001		+++	
sec-Butylbenzene	1090		25.0	р.	.e.	-4		109			***	
tert-Butylbenzene	1030	in .	25.0	<i>n</i> .	n.	- 17		103			+++	
Carbon tetrachloride	890		25,0	$\dot{\mu}_{\pm}$		100		89	(hr)		***	
Chlorobenzene	970	-	25 0	<i>n</i> .		-17	-	97	ii.			
Chloroethane	1160		500	'n	.e.	.0.		116	1447			
Chloroform	907		250	Ĥ.	÷.	-10		91	÷.			
Chloromethane	988		250	ń.	ü.	-10		99	w.			
2-Chlorotoluene	968		25.0	Ű.	÷	-10		97	-			
4-Chlorotoluene	963		25.0	Ĥ	ŵ			96	$\eta$			
1,2-Dibromo-3-chloropropane	1130		100	h.	1002	00		113	÷		-	
Dibromochloromethane	888		50.0	n.		10		89	ŵ			
1,2-Dibromoethane (EDB)	1020		25.0	ú	ù.			102	-m-			
Dibromomethane	988		25.0	ú.	tr.			99	-0			
1,2-Dichlorobenzene	1010		25.0		<i>m</i> -			101				
1.3-Dichlorobenzene	950		25.0	6				95		-		
1.4-Dichlorobenzene	966		25.0	0	-			97	e.			
Dichlorodifluoromethane	891		50.0	6				89	0			
1.1-Dichloroethane	936		25.0		ŵ			94	-11			
1.2-Dichloroethane (EDC)	816		25.0		<u>1</u>			82				
1.1-Dichloroethene	857		25.0		<i>i</i> i -			86				
cis-1,2-Dichloroethene	897	1.044	25.0		-	- 40		90			S	
trans-1,2-Dichloroethene	918		25.0		-	-0.		92	e .		1444	
1,2-Dichloropropane	1050		25.0	u -		0	***	105				
1.3-Dichloropropane	956	1.000	25.0		in .	. 0		96	pic.			
2,2-Dichloropropane	998		50.0	0				100			-	

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	08/26/08 17:08

#### QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile O	rganic Co	ompounds	s by EPA 8	3260B			_		
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 8080217 - EPA 5035A			_				Soil	_				_
LCS (8080217-BS1)						Analyzed:	08/20/08 13	:00				
1,1-Dichloropropene	834	-	25.0	ug/kg we	t 5			83			-	
cis-1,3-Dichloropropene	1070	-	50.0		25			107	-117		-	
trans-1,3-Dichloropropene	1040		50.0	*	17	iik.		104	- 11			
Ethylbenzene	970		25.0			90,	-+-	97	111			
Hexachlorobutadiene	975		100					98		-	-	
2-Hexanone	1810		500			2000		91	301	14.		
Isopropylbenzene	1020		25.0			1000		102		-		
4-Isopropyltoluene	1060		25.0		1	к		106	.0.			
4-Methyl-2-pentanone (MiBK)	1820		500			2000	Sec.	91	н			
Methyl tert-butyl ether (MTBE)	830		50.0			1000	خدد	83	.06 1	-	1-4-1	
Methylene chloride	1000		250			'n		100	- 18			
Naphthalene	952		250			- 80		95	.17		-	
n-Propylbenzene	1000		25.0	n		н		100	<i>m</i> ,			
Styrene	1020		25.0				444	102	.62	-	***	
1,1,1,2-Tetrachloroethane	992		50.0				للمو	99				
1,1,2,2-Tetrachloroethane	1080		25.0		91	. 0		108				
Tetrachloroethene (PCE)	938	-	25.0				444	94	<i>w</i> -			
Toluene	967	-	100			- 0		97				
1.2.3-Trichlorobenzene	982		100	246	1.495			98	30			
1.2.4-Trichlorobenzene	954		100		м	- 0.		95	Đ.,	(ree)		
1,1,1-Trichloroethane	838		50.0		-100.	40		84	ñ.			
1,1,2-Trichloroethane	986		25.0		.06	.40		99	ñ.			
Trichloroethene (TCE)	956		25.0		in.			96	6			
Trichlorofluoromethane	1080		250			10		108	6			
1,2,3-Trichloropropane	964		50.0	-	- 10.	-		96	6			
1,2,4-Trimethylbenzene	1010		50.0	· · · · ·		.0		101	6	-		
1,3,5-Trimethylbenzene	1020		50.0	ats	-	0		102	n-			
Vinyl chloride	1060		25.0	40	140			106	n -			
m,p-Xylene	1930	1.4	50.0	00	70	2000		97	0		-	
o-Xylene	981		25.0	11		1000		98				
Surr: Dibromofluoromethane (Sur		Rei	overy: 99 %	Limits:	70-130 %	Di	lution: 1x					
1,4-Difluorobenzene (Surr)			103 %		70-130 %		H.					
Toluene-d8 (Surr)			101 %		70-130 %							
4-Bromofluorobenzene (Surr	.)		98 %		70-130 %		-92					

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Project	D Street Office Bldg.	
Project Number:	P1387-05-03	Reported:
		08/26/08 17:08
	Project Number:	Project D Street Office Bldg. Project Number: P1387-05-03 Project Manager: Kevin Schleh

### QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile O	rganic Con	npound	s by EPA 8	3260B					_
Analyte	Result	MDL.	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8080217 - EPA 50354	Ą						Soi					
Duplicate (8080217-DUP1)	_		Source: 2	4808174-01		Analyzed:	08/20/08 15	:13	_		_	
035/8260B		-									3345	
Acetone	ND		1190	iig/kg dry	50		ND	411			30%	
Benzene	ND		14.9	а.	n		ND				30%	
Bromobenzene	ND	-	29.8	0		- <del>61</del> 5	ND				30%	
Bromochloromethane	ND	(min)	29.8	n	. 0	-+=	ND				30%	
Bromodichloromethane	ND	sei e	29.8	.0.	ъ		ND				30%	
Bromoform	ND	(min)	59.6	11-	n	-	ND				30%	
Bromomethane	ND		596	100			ND			-	30%	
2-Butanone (MEK)	ND		596	17	- 11	***	ND				30%	
n-Butylbenzene	ND		29.8		101		ND			***	30%	
sec-Butylbenzene	ND		29.8	н	. 10-		ND			***	30%	
tert-Butylbenzene	ND	-	29.8		00-		ND	See.	242		30%	
Carbon tetrachloride	ND		29.8	10 s	2		ND				30%	
Chlorobenzene	ND		29.8		12.		ND				30%	
Chloroethane	ND		596		10		ND		-		30%	
Chloroform	ND		298		30.		ND	Same .			30%	
Chloromethane	ND		298	w -	30		ND				30%	
2-Chlorotoluene	ND		29.8	e.,	74		ND		***		30%	
4-Chlorotoluene	ND		29.8	<i>p</i> .			ND		-++		30%	
1,2-Dibromo-3-chloropropane	ND		119	25			ND	1444	***		30%	
Dibromochloromethane	ND		59.6	25	6		ND	12442	+++	lete.	30%	
	ND		29.8				ND				30%	
1,2-Dibromoethane (EDB)	ND		29.8	0.5			ND				30%	
Dibromomethane	ND		29.8	10.	10		ND		-		30%	
I.2-Dichlorobenzene	ND		29.8	141			ND				30%	
1,3-Dichlorobenzene			29.8	7017	÷		ND				30%	
1,4-Dichlorobenzene	ND		59.6	ii.			ND				30%	
Dichlorodifluoromethane	ND		29.8	- G2		_	ND				30%	
1,1-Dichloroethane			29.8		-10-		ND				30%	
1,2-Dichloroethane (EDC)	ND		29.8				ND		-	-	30%	
i,1-Dichloroethene	ND			0	-0		ND				30%	
cis-1,2-Dichloroethene	ND		29.8	0			ND				30%	
trans-1,2-Dichloroethene	ND	÷	29.8				ND		-		30%	
1,2-Dichloropropane	ND		29.8	- 10			ND				30%	
1,3-Dichloropropane	ND		29.8	- 10			ND				30%	
2_2-Dichloropropane	ND		59.6				IND				2014	

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Geocon Northwest Inc.	Project: D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number: P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager: Kevin Schleh	08/26/08 17:08

### QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B												
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 8080217 - EPA 5035A	_						Soil					
Duplicate (8080217-DUP1)			Source: A	808174-01		Analyzed:	08/20/08 15	:13				
1.1-Dichloropropene	ND		29.8	ug/kg dry	i i		ND		-	-	30%	
cis-1_3-Dichloropropene	ND		59.6	9			ND				30%	
trans-1,3-Dichloropropene	ND		59.6	ù.	- 01	-	ND	(100)			30%	
Ethylbenzene	ND		29.8	0	· B		ND				30%	
Hexachlorobutadiene	ND	-	119	-0	-0.		ND	-			30%	
2-Hexanone	ND		596	· 0	- 81		ND	inter .			30%	
Isopropylbenzene	ND		29.8	- 00	- 10		ND				30%	
4-Isopropyltoluene	ND		29.8	- 0	- 0		ND				30%	
4-Methyl-2-pentanone (MiBK)	ND		596	- 0.			ND				30%	
Methyl tert-butyl ether (MTBE)	ND		59.6	· 10:	-10		ND				30%	
Methylene chloride	ND		298	- 11.	-10		ND				30%	
Naphthalene	ND	-	298	-u:	2		ND	-		(1000)	30%	
n-Propylbenzene	ND		29.8	-10	0.		ND			-	30%	
Styrene	ND		29.8	-w	19		ND				30%	
1,1,1,2-Tetrachloroethane	ND		59.6	-90	m		ND				30%	
1,1,2,2-Tetrachloroethane	ND		29.8	. U.	a-	1.000	ND				30%	
Tetrachloroethene (PCE)	ND	-	29.8	-90	-		ND			للغني	30%	
Toluene	ND	-	119	-11	Щ.		ND				30%	
1,2,3-Trichlorobenzene	ND		119		10		ND	-	-		30%	
1,2,4-Trichlorobenzene	ND		119		14		ND	inter.	in the second	in.	30%	
1,1,1-Trichloroethane	ND	-	59.6	00			ND			-	30%	
1,1,2-Trichloroethane	ND		29.8	-	30		ND				30%	
Trichloroethene (TCE)	ND	-	29.8		20		ND	544		444	30%	
Trichlorofluoromethane	ND		298	200	-10		ND	244			30%	
1,2,3-Trichloropropane	ND		59.6	- 10	- 11		ND	1944	-	÷	30%	
1,2,4-Trimethylbenzene	ND	-9*	59.6				ND				30%	
1,3,5-Trimethylbenzene	ND		59.6	14			ND				30%	
Vinyl chloride	ND		29.8		.0		ND	***			30%	
	ND		59.6				ND				30%	
m,p-Xylene o-Xylene	ND		29.8				ND				30%	
				Limiter	70-130 %		lution: Ix					
Surr: Dibromofluoromethane (Surr		Ket	covery: 95 % 101 %	Limits:	70-130 %	DI	numon: 1x					
1,4-Difluorobenzene (Surr)			101 %		70-130 %							
Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr)			101 %		70-130 %							

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number;	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	08/26/08 17:08

#### QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B												
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 8080217 - EPA 5035A							Soi					
Matrix Spike (8080217-MSI)			Source: 2	\$08174-01		Analyzed:	08/20/08 15	5:46				
5035/8260B												
Acetone	1980	-	1230	ug/kg dry	50	2490	ND	79	65-135%			
Benzene	1070		15,4	(2)	2	1250	ND	86				
Bromobenzene	1130		30,8		-44	0.	ND	91				
Bromochloromethane	1070	-	30,8	11	40		ND	86		-	-	
Bromodichloromethane	1140	Sec.	30,8	2	2	.0.	ND	91	**			
Bromoform	1110		61,6		0	-01	ND	89	"			
Bromomethane	1240	-	616	11	11	.0.	364	70			1.000	
2-Butanone (MEK)	1750		616	<u>91</u>	· D ·	2490	ND	70		-		
n-Butylbenzene	1130		30.8		н	1250	ND	91				
sec-Butylbenzene	1250		30.8			- W	ND	100	44			
tert-Butylbenzene	1210		30.8		n		ND	97	-11			
Carbon tetrachloride	1030		30.8		n.,		ND	82	н		-	
Chlorobenzene	1130		30.8	Cite.	10	- 0	ND	90			141	
Chloroethane	1510		616			. 11	ND	122				
Chloroform	1070		308			- 11	ND	86			-	
Chloromethane	1070		308	<i>n</i>	31		56.7	81				
2-Chlorotoluene	1140		30.8			- M.	ND	91				
4-Chlorotoluene	1130		30.8	<i>n</i> .		н.	ND	91				
1,2-Dibromo-3-chloropropane	1250		123		w	+ 10	ND	101	**			
Dibromochloromethane	1010		61.6	n			ND	81	10		1	
1,2-Dibromoethane (EDB)	1200		30.8	11	w	+ II.	ND	96				
Dibromomethane	1070		30.8		υ.	. 10	ND	86	÷.			
1.2-Dichlorobenzene	1130		30.8	52	at -	- M.	ND	90	-			
1,3-Dichlorobenzene	1090		30.8		(no	.m.	ND	88	a.			
1.4-Dichlorobenzene	1090	-	30.8	и.	. 10.	m	ND	88	40			
Dichlorodifluoromethane	1080		61.6	ŵ.	, u.	.ie	ND	86				
1.1-Dichloroethane	1040		30.8		-e	01	ND	84				
1_2-Dichloroethane (EDC)	925		30.8			.m.	ND	74	0.1			
1.1-Dichloroethene	1030		30.8		-0		ND	82	2-			
cis-1,2-Dichloroethene	1030		30.8		ði -	0	ND	83	0			
trans-1,2-Dichloroethene	1040		30.8		-10		ND	82				
1,2-Dichloropropane	1110		30.8	0.1	Gen	-	ND	89	0			
	1090		30.8		10-	m	ND	88	0.			
1,3-Dichloropropane 2,2-Dichloropropane	1090		61.6	Ú.	m	-00	ND	87				

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Geocon Northwest Inc.	Project: D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number: P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager: Kevin Schleh	08/26/08 17:08

### QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Co	mpound	S DY LEA	1000					
Analyte	Result	MDL	Reporting Limit	Units	Dil	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8080217 - EPA 5035A							Soil					
Matrix Spike (8080217-MS1)			Source: A	808174-01		Analyzed:	08/20/08 15	:46				
1.1-Dichloropropene	996		30.8	ug/kg dry	<i>i</i>	. 00-	ND	80				
cis-1,3-Dichloropropene	1190	-	61.6		- 14-	10.6	ND	95	-11			
trans-1,3-Dichloropropene	1170	-	61.6				ND	94	- 11		-	
Ethylbenzene	1140	-	30.8		11		ND	91			-	
Hexachlorobutadiene	1120		123			.01	ND	90	-M	them.	-	
2-Hexanone	2090		616		- 0	2490	ND	84	-11			
Isopropylbenzene	1320		30.8	19	- 0	1250	ND	106	н			
4-Isopropyltoluene	1230		30.8	- U	- 81	38	ND	99	0			
4-Methyl-2-pentanone (MiBK)	2010		616	. P.		2490	ND	81				
Methyl tert-butyl ether (MTBE)	993		61.6	<i>p</i>		1250	ND	80	(8		1	
Methylene chloride	1010	-	308	<i>p</i> .		11	41.3	78	21			
Naphthalene	964		308		94 - 11	ú	ND	77	'n	0.000		
n-Propylbenzene	1160	-	30.8			ŵ	ND	93				
Styrene	1150	-	30.8	ii.		-10-	ND	92	14			
1.1.1.2-Tetrachloroethane	1150	-	61.6	μ.		-11-	ND	92				
1,1,2,2-Tetrachloroethane	1190	-	30.8	0		-0	ND	96	**	1000		
Tetrachloroethene (PCE)	1110		30.8		n	-0-	ND	89	**			
Toluene	1120		123	¥1		-0-	15.4	89	8	1000	-	
1.2.3-Trichlorobenzene	1060		123	π.	ii.	· •	ND	85	н.			
1.2.4-Trichlorobenzene	1050		123	0			ND	84	н			
1,1,1-Trichloroethane	1010		61.6	10		0	ND	81	9			
1,1,2-Trichloroethane	1110		30.8	0		0	ND	89	4			
Trichloroethene (TCE)	1080		30.8	0			ND	87	11			
Trichlorofluoromethane	1180		308	0	0	-0	ND	95				
1,2,3-Trichloropropane	1100		61.6		<b>D</b> -	- 80	ND	89				
1.2.4-Trimethylbenzene	1150		61.6		0.	- 01	ND	93	3			
1,3,5-Trimethylbenzene	1210		61.6		9-	- D.	ND	97				
Vinyl chloride	1200		30.8		.0-	-11	ND	96				
m,p-Xylene	2250		61.6	'n	30 -	2490	ND	90	100			
o-Xylene	1130	-	30.8	2-	-115	1250	ND	- 91	-10			
Surr: Dibromofluoromethane (Surr			covery: 97%	Limits:	70-130 %		Intion: 1x					
Surr: Dibromofluoromethane (Surr 1,4-Difluorobenzene (Surr)	/	A.e.	101 %	Dunity.	70-130 %	24	"					
Toluene-d8 (Surr)			102 %		70-130 %							
4-Bromofluorobenzene (Surr)			100 %		70-130 %		07					

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	08/26/08 17:08

#### QUALITY CONTROL (QC) SAMPLE RESULTS

TCLP Metals by EPA 6020 (ICPMS)												
Analyte	Result	MDL	Reporting Limit	Units	Díl.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8080229 - EPA 1311	/3015						Soil	1				
Blank (8080229-BLK1)						Analyzed:	08/20/08 17	:20				
EPA 1311/6020												
Arsenic	ND		0.100	mg/L	5							
Barium	ND		1.25	11	95							
Cadmium	ND	-	0.0500	17	**	inter (						
Chromium	ND		0.100	*	. W.		100			-	300	
Lead	ND	-+-	0.0500	ji.	Ŷ			1000				
Mercury	ND		0.00400	2	41							
Selenium	ND		0.0500	P.	41				(100 m)	-		
Silver	ND		0.100	5		-		-	-	(here)	-	
LCS (8080229-BS1)						Analyzed:	08/20/08 17	:23				
EPA 1311/6020												
Arsenic	2,63		0.100	mg/L	5	2,50	-	105	80-120%			
Barium	2.75	index.	1.25	0				110	8			
Cadmium	2.63	-	0.0500		. 0.			105	91	1000		
Chromium	2,60	Sec.	0,100	<i>P</i>	.45			104	<u>6</u>			
Lead	2.40	212	0.0500	<i>n</i> .	.ie			96	ú			
Mercury	0.0960	Sec.	0.00400	e.,	à.	0.100		96	ŵ.	-		
Selenium	1,30		0.0500	<i>P</i> .	41	1.25		104	ŵ.			
Silver	1.28		0.100	<u>í</u> .	ái.	6	-	102	'n			
Matrix Spike (8080229-MS1)			Source: A	808174-01		Analyzed:	08/20/08 17	:56				
EPA 1311/6020												
Arsenic	2.62		0.100	mg/L	5	2.50	ND	105	50-150%	-		
Barium	3,23		1.25	Ú.	0	00	0.688	102				
Cadmium	2,61		0,0500	0	4.	10	0.0155	104				
Chromium	2.58	-	0,100	(r	**		0.00850	103	9R			
Lead	2.38		0.0500	6	**	2	ND	95	ŵ			
Mercury	0.0965	-	0.00400	ę	41	0.100	ND	96	ŵ			
Selenium	1.29	-	0.0500			1.25	ND	103	Ω.			
Silver	1.27	-	0,100		**	100	ND	101	1			

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr.	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	08/26/08 17:08

### QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight by D2216												
Analyte	Result	MDL	Reporting Limit	Units	Dil,	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8080208 - Dry Weig	ht						Soil		_			
Duplicate (8080208-DUP2)			Source:	A808174-01		Analyzed:	08/20/08 08	:09				
D2216												
% Solids	88.0	14441	1,00	% by Weight	1		879	1.000		0.1	20%	

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Geocon Northwest Inc. 8283 SW Cirrus Dr Beaverton, OR 97008-0			Project D Street Office Bldg. Project Number: P1387-05-03 Project Manager: Kevin Schleh				<b>Reported:</b> 08/26/08 17:08		
		SA	MPLE PREPARAT	TON INFORMATIO	N				
D	iesel Rang	e (C10-C22) and Oi	I Range (C22-C40) H	lydrocarbons by NWT	PH-Dx - Silica Gel	Cleanup			
Prep: EPA 3546 (F	A 3546 (Fuels) Sample								
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor		
Batch: 8080211 A808174-01RE1	Soil	NWTPH-Dx	08/19/08 13:00	08/19/08 16:15	10.65g/5mL	15g/5mL	1.41		
		Gasoline	Range (C6-C10) Hy	drocarbons by NWTP	H-Gx				
Prep: EPA 5035A	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor		
Batch: 8080217 A808174-01	Soil	NWIPH-Gx	08/19/08 13:00	08/19/08 14:17	10.39g/10mL	10g/10mL	0.96		
		Vo	atile Organic Comp	ounds by EPA 8260B					
Prep: EPA 5035A Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor		
Batch: 8080217 A808174-01	Soil	5035/8260B	08/19/08 13:00	08/19/08 14:17	10.39g/10mL	10g/10mL	0.96		
			TCLP Metals by E	PA 6020 (ICPMS)					
Prep: EPA 1311/30	15				Sample	Default	RL Prep		
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor		
Batch: 8080229 A808174-01	Soil	EPA 1311/6020	08/19/08 13:00	08/20/08 11:52	5mL/50mL	5mL/50mL	1.00		

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Northwest Inc. V Cirrus Dr m, OR 97008-6443	Project Number	P1387-05-03	Reported: 08/26/08 17:08
	Notes and De	finitions	
<u>S'</u>			
		dividual analyte peaks in the quantitation	range that are not
Sample aliquot was subsampled from a 48 hours of sampling.	a soil jar without significant headsp	ace. The subsampled aliquot was preserv	ed in methanol within
nd Conventions:			
Analyte DETECTED			
Analyte NOT DETECTED at or above	the reporting limit		
Not Reported			
Sample results reported on a dry weigh	at basis		
Relative Percent Difference			
If MDL is not listed, data has been eva	luated to the Method Reporting Li	mit only.	
Duplicates, in order to meet or exceed samples included in this report. Comp provided for Sample Duplicates and/or	method and regulatory requiremen lete Batch QC results are available Matrix Spikes, a Lab Control San	ts. This report contains only results for E upon request. In cases where there is inst	Batch QC derived from sufficient sample
	Y Cirrus Dr m, OR 97008-6443  S: The result for this hydrocarbon range i representative of the fuel pattern report Sample aliquot was subsampled from a 48 hours of sampling.  M Conventions: Analyte DFTECTED Analyte NOT DETECTED at or above Not Reported Sample results reported on a dry weigh Relative Percent Difference If MDL is not listed, data has been eva Unless specifically stated, all analyses Duplicates, in order to meet or exceed samples included in this report. Comp provided for Sample Duplicates and/or	Project Number         An, OR 97008-6443         Project Manager         Notes and De         Si         The result for this hydrocarbon range is elevated due to the presence of in representative of the fuel pattern reported.         Sample aliquot was subsampled from a soil jar without significant headsp 48 hours of sampling.         and Conventions:         Analyte DFTECTED         Analyte NOT DETECTED at or above the reporting limit         Not Reported         Sample results reported on a dry weight basis         Relative Percent Difference         If MDL is not listed, data has been evaluated to the Method Reporting Linit         Unless specifically stated, all analyses include full Batch QC, including S         Duplicates, in order to meet of exceed method and regulatory requiremen samples included in this report. Complete Batch QC results are available	/ Cirrus Dr       Project Number: P1387-05-03         in, OR 97008-6443       Project Manager: Kevin Schleh         Notes and Definitions         Sc       The result for this hydrocarbon range is elevated due to the presence of individual analyte peaks in the quantitation representative of the fuel pattern reported.         Sample aliquot was subsampled from a soil jar without significant headspace. The subsampled aliquot was preserv 48 hours of sampling.         nd Conventions:         Analyte DFTECTED         Analyte NOT DETECTED at or above the reporting limit.         Not Reported         Sample results reported on a dry weight basis:         Relative Percent Difference         If MDL is not listed, data has been evaluated to the Method Reporting Limit only.         Unless specifically stated, all analyses include full Batch QC, including Sample Duplicates, Matrix Spikes and/or Duplicates in order to receed method and regulatory requirements. This report contains only results for D samples included in this report. Complete Batch QC results are available upon request. In cases where there is im provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to

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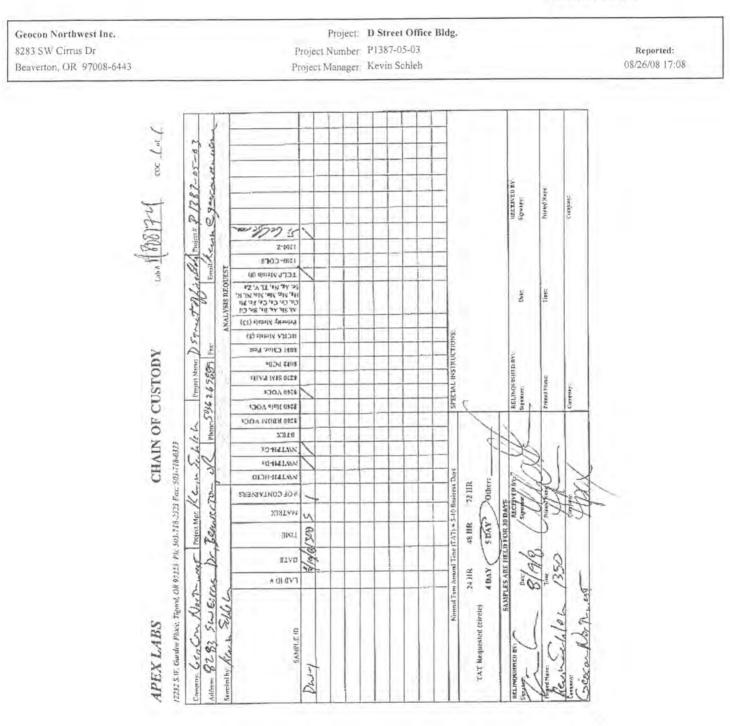
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Friday, September 5, 2008

Kevin Schleh Geocon Northwest Inc. 8283 SW Cirrus Dr Beaverton, OR 97008-6443

RE: D Street Office Bldg. / P1387-05-03

Enclosed are the results of analyses for work order <u>A809017</u>, which was received by the laboratory on 9/2/2008 at 3:35:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: <u>pnerenberg@apex-labs.com</u>, or by phone at 503-718-2323.

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16:29

### ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION				
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DW-2	A809017-01	Soil	09/02/08 13:00	09/02/08 15:35
DW-3	A809017-02	Soil	09/02/08 13:20	09/02/08 15:35

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	09/05/08 16:29

### ANALYTICAL SAMPLE RESULTS

Diesel Range	(C10-C22) a	nd Oil Ran	ge (C22-C	40) Hydrocarbon	s by NW1	PH-Dx - Silica Ge	el Cleanup	
Analyte	Result	MDL	Reporting Limit	g Units	Dilution	Date Analyzed	Method	Notes
DW-2 (A809017-01)			Matrix: So	lio				
Diesel Range Organics	ND	***	28.9	mg/kg dry	1.	09/03/08 18:32	NWTPH-Dx	
Oil Range Organics	58.7	(and )	57.7	0	<i>n</i>	и	- 6	F-03
Surrogate: o-Terphenyl (Surr)		Reco	overy: 95 %	Limits: 50-150 %	н	ur.		
DW-3 (A809017-02RE1)			Matrix: So	oil				
Diesel Range Organics	147	(and)	40.7	mg/kg dry	1	09/04/08 10:26	NWTPH-Dx	F-03
Oil Range Organics	393		81.3	u	"			F-03
Surrogate: o-Terphenyl (Surr)		Reco	wery: 57 %	Limits: 50-150 %	h.			

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Geocon Northwest Inc.	Project: D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number, P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager: Kevin Schleh	09/05/08 16:29

#### ANALYTICAL SAMPLE RESULTS

	Ga	soline Ran	ge (C6-C1	0) Hydrocarbons	by NWTP	H-Gx		
Analyte	Resuli	MDL	Reportin Limit	g Units-	Dilution	Date Analyzed	Method	Notes
DW-2 (A809017-01)			Matrix: Se	oil				V-06
Gasoline Range Organics	ND	***	6.24	mg/kg dry	50	09/04/08 12:04	NWTPH-Gx	
Surrogate: 4-Bromofluoroben:	ene (Sur)	Reco	very: 84 %	Linuts: 50-150 %	1	. 11	0	
1,4-Difluorobenzen	e (Sur)		80 %	Limits: 50-150 %	(K.)	Ū.	36	
DW-3 (A809017-02)			Matrix: So	pil				V-06
Gasoline Range Organics	ND		9.56	mg/kg dry	50	09/04/08 13:00	NWTPH-Gx	
Surrogate: 4-Bromofluorobenz	ene (Sur)	Reco	wery: 84 %	Limits: 50-150 %	1		1914	
1,4-Difluorobensen	e (Sur)		81.%	Limits: 50-150 %		e	30-	

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Geocon Northwest Inc.	Project: D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number: P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager: Kevin Schleh	09/05/08 16:29

### ANALYTICAL SAMPLE RESULTS

		Volatile	e Organic Com	pounds by E	EPA 8260B			
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
DW-2 (A809017-01)			Matrix: Soil	-				V-0
Acetone	ND	8+84	1560	ug/kg dry	50	09/04/08 12:04	5035/8260B	
Benzene	ND		19.5	- H	<u>e</u> 11		.0	
Bromobenzene	ND		39.0	n	u -		н	
Bromochloromethane	ND	ini.	39.0	n.	a	76	0	
Bromodichloromethane	ND		39.0			- 14	.0.0	
Bromoform	ND		78.0		и.	- 00 A	11	
Bromomethane	ND		780	U.	1	-10-	9	
2-Butanone (MEK)	ND		780	9	-10-	n	n	
n-Butylbenzene	ND	1442	39.0			b	0	
sec-Butylbenzene	ND		39.0		U	0		
tert-Butylbenzene	ND		39.0		- 11	0	D	
Carbon tetrachloride	ND		39.0	-0	<i>n</i>	Ð	11	
Chlorobenzene	ND		39.0		-1 <u>1</u> -			
Chloroethane	ND	(ee-	780	8	· m			
Chloroform	ND		390	0				
Chloromethane	ND		390	ú			- 10	
2-Chlorotoluene	ND		39.0	70.		a.	- 67	
4-Chlorotoluene	ND		39.0			0,0	w.	
1,2-Dibromo-3-chloropropane	ND		156		0		-10	
Dibromochloromethane	ND		78.0	70	ii ii	0	0.	
1,2-Dibromoethane (EDB)	ND		39.0	Or III	(11)	- 11	-	
Dibromomethane	ND	***	39.0	. 40.	141	101		
1,2-Dichlorobenzene	ND		39.0	0		ai.	a.	
"3-Dichlorobenzene	ND	****	39.0		-18	m	0	
4-Dichlorobenzene	ND		39.0		.0	ar.	.40	
Dichlorodifluoromethane	ND		78.0		.00	-41-		
,1-Dichloroethane	ND		39.0	ii.	m			
,2-Dichloroethane (EDC)	ND		39.0	- 41	30		н.	
1-Dichloroethene	ND		39.0	Ĥ	(1)	÷	4	
is-1,2-Dichloroethene	ND	المغتر	39.0	0		(11)	.й.	
rans-1,2-Dichloroethene	ND		39.0		ái (	91	ur.	
,2-Dichloropropane	ND		39.0				Ŷ	
,3-Dichloropropane	ND	(111)	39.0	υ.		19		
2,2-Dichloropropane	ND		78.0				70	

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16:29

#### ANALYTICAL SAMPLE RESULTS

		Volatile	Organic Co	mpounds by EF	PA 8260B			
			Reporting				44.45	
Analyte	Result	MDI.	Limit	Units	Dilution	Date Analyzed	Method	Notes
W-2 (A809017-01)			Matrix: Soi	1				V-
1,1-Dichloropropene	ND		39.0	ug/kg dry	50		5035/8260B	
cis-1,3-Dichloropropene	ND	+++	78.0	0		- 1		
trans-1,3-Dichloropropene	ND		78.0	ù				
Ethylbenzene	ND		39.0	.0.	. 11	H		
Hexachlorobutadiene	ND	1.00	156		1		n	
2-Hexanone	ND		780		1.0			
Isopropylbenzene	ND	+++	39.0	. 0	n		ų	
4-Isopropyltoluene	ND	212	39.0	. 0	ũ		47	
4-Methyl-2-pentanone (MiBK)	ND		780		4	41	w-	
Methyl tert-butyl ether (MTBE)	ND		78.0			w.	.jp-	
Methylene chloride	ND		390	0		D	01	
Naphthalene	ND		390	Ф		9		
n-Propylbenzene	ND		39.0	<i>u</i> .	- 11		gr.	
Styrene	ND		39.0				<i>p</i> -	
1,1,1,2-Tetrachloroethane	ND		78.0		- Xr	υ	h.	
1,1,2,2-Tetrachloroethane	ND		39.0			n	. 00.	
Fetrachloroethene (PCE)	ND		39.0	а.		<i>p</i>		
Foluene	ND		156	<i>u</i> .			01	
1.2.3-Trichlorobenzene	ND		156	e.		n	p.	
1,2,4-Trichlorobenzene	ND		156				ħ.	
I.I.I-Trichloroethane	ND		78.0	- m	- 9	<i>p</i> -	υ	
1,1,2-Trichloroethane	ND	-	39.0	-u		υ	<i>n</i> -	
Trichloroethene (TCE)	ND		39.0	· U		0	<i>w</i>	
Trichlorofluoromethane	ND		390	0	.0	-0	<u>)</u> 1=	
1,2,3-Trichloropropane	ND		78.0	ii.	ă.	υ	0	
1,2,4-Trimethylbenzene	ND		78.0	n		n -	. 10	
1,3,5-Trimethylbenzene	ND		78.0	90	<u>e</u>		10	
Vinyl chloride	ND		39.0	. 11	1.81	. p.		
m,p-Xylene	ND		78.0	-n	1.1	hu .	30	
o-Xylene	ND		39.0	40	n.,	ar.	10	
Surrogate: Dibromofluoromethan		Reco	ery: 100 %	Limits: 70-130 %	1	W.	9	
1,4-Difluorobenzene (			99 %	Limits 70-130 %	F	in .		
Toluene-d8 (Surr)			100 %	Limits: 70-130 %	- C	10	9	
4-Bromofluorobenzene	e (Surr)		103 %	Limits: 70-130 %	0.0			

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager.	Kevin Schleh	09/05/08 16:29

### ANALYTICAL SAMPLE RESULTS

		Volatile	Organic Com	pounds by E	EPA 8260B			
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
DW-3 (A809017-02)			Matrix: Soil					V-0
Acetone	ND		2390	ug/kg dry	50	09/04/08 13:00	5035/8260B	
Benzene	ND	1000	29.9	п.		υ		
Bromobenzene	ND		59.7			n	r.	
Bromochloromethane	ND		59.7	ii i	12	-11		
Bromodichloromethane	ND		59.7	41.	-0		B	
Bromoform	ND		119	- 0	0.1	n		
Bromomethane	ND		1190	-ii		-10 -	0	
2-Butanone (MEK)	ND		1190		0	0	0	
n-Butylbenzene	ND		59.7		2	10	- M	
sec-Butylbenzene	ND		59.7	**	-40		n	
tert-Butylbenzene	ND		59.7	.0	$\tilde{m}^{\pm}$	n,	0	
Carbon tetrachloride	ND		59.7	41	.m.	-	n	
Chlorobenzene	ND		59.7	. 11.		м.	0	
Chloroethane	ND		1190	n			0	
Chloroform	ND		597	ar				
Chloromethane	ND		597	- 10	ū			
2-Chlorotoluene	ND		59.7	01	0		0	
4-Chlorotoluene	ND		59.7	n.	0	m		
1,2-Dibromo-3-chloropropane	ND		239	n		n:	0	
Dibromochloromethane	ND		119		17	(10)	0	
1.2-Dibromoethane (EDB)	ND	-	59.7	**		(8)	- n -	
Dibromomethane	ND		59.7			(10)	-y-	
1.2-Dichlorobenzene	ND		59 7		14	00.	<i>n</i>	
1.3-Dichlorobenzene	ND		59.7	и.		40	. <del>.</del> .	
1,4-Dichlorobenzene	ND		59.7			(10	0	
Dichlorodifluoromethane	ND		119			000	<i>p</i>	
1,1-Dichloroethane	ND		59.7		0	00	<i>y</i>	
1,2-Dichloroethane (EDC)	ND	-	59.7	B	. 0	.02	<i>n</i> -	
1.1-Dichloroethene	ND		59.7	м		10	n	
cis-1,2-Dichloroethene	ND		59.7		2	10		
trans-1,2-Dichloroethene	ND		59.7	т	n -	19	0.	
1,2-Dichloropropane	ND		59.7	-11	н		- ju -	
1,3-Dichloropropane	ND		59.7	10	- H	0	0.	
2,2-Dichloropropane	ND		119	10		44.	.htt	

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Geocon Northwest Inc.	Project: D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number: P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager: Kevin Schleh	09/05/08 16:29

#### ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B										
Analyte	Result	MDI.	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes		
DW-3 (A809017-02)			Matrix: Soil					V-l		
1,1-Dichloropropene	ND		59.7	ug/kg dry	50	<u>10</u>	5035/8260B			
eis-1,3-Dichloropropene	ND		119	#/	÷	-11	· 11-			
trans-1,3-Dichloropropene	ND		119	RC	30	-00	- 11			
Ethylbenzene	ND		59.7		90	-al	0			
Hexachlorobutadiene	ND		239	#1.	917					
2-Hexanone	ND		1190	- Al -	ŵ		41			
Isopropylbenzene	ND		59.7			0	. 8			
4-Isopropyltoluene	ND		59.7	<u>r</u>			- W			
4-Methyl-2-pentanone (MiBK)	ND		1190	n	14	an a	-10			
Methyl tert-butyl ether (MTBE)	ND		119		6	-10	-AC			
Methylene chloride	ND		597		н		.46			
Naphthalene	ND	***	597		6	101				
n-Propylbenzene	ND		59.7				41			
Styrene	ND		59.7			0				
1,1,1,2-Tetrachloroethane	ND		119		u		ñ.			
1,1,2,2-Tetrachloroethane	ND		59.7	- n	n		- 10-			
Tetrachloroethene (PCE)	ND		59.7		.0		. 10			
Toluene	ND		239		N.	- 81	*			
1,2,3-Trichlorobenzene	ND		239	0.		. 0	40			
1,2,4-Trichlorobenzene	ND		239		107	0	i.			
1.1.1-Trichloroethane	ND		119		n	n	- 40			
1,1,2-Trichloroethane	ND		59.7		ų.	-w	Ŷ			
Trichloroethene (TCE)	ND		59.7	14		- 84				
Trichlorofluoromethane	ND		597	<i>n</i>	0.	.0	0			
1,2,3-Trichloropropane	ND		119	11	- po		ů.			
1,2,4-Trimethylbenzene	ND		119	**	10	м				
1,3,5-Trimethylbenzene	ND		119	- 10	-10	n				
Vinyl chloride	ND		59.7	n in		- W.				
m,p-Xylene	ND		119	σ.	10	- 11				
o-Xylene	ND		59.7	н	10	-M	-07-			
Surrogate: Dibromofluoromethan				mits: 70-130 %	I	. u	pi .			
1,4-Difluorobenzene (				mits: 70-130 %	00-	- n	ú.			
Toluene-d8 (Surr)				mits: 70-130 %	900		6			
4-Bromofluorobenzene	e (Surr)		105.% Li	mits: 70-130 %	и	(11	(M)			

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Geocon Northwest Inc.	Project: D	Street Office Bldg.	
8283 SW Cirrus Dr	Project Number: P1	387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager: Ke	evin Schleh	09/05/08 16:29

### ANALYTICAL SAMPLE RESULTS

		TC	LP Metals by E	PA 6020 (10	CPMS)			
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
DW-2 (A809017-01)			Matrix: Soil					
Atsenic	ND		0.100	mg/L	5	09/04/08 16:46	EPA 1311/6020	
Barium	ND	(+++)	1.25	t.			a	
Cadmium	ND	544	0.0500	0		0	0	
Chromium	ND	-	0.100	h.		0		
Lead	ND		0.0500	17		· 11.		
Mercury	ND		0.00400	11	41	Ŷ	0	
Selenium	ND		0.0500	19	0		<i>m</i>	
Silver	ND	5044-1	0 100	0. III		0	1	
DW-3 (A809017-02)			Matrix: Soil					
Arsenic	ND	Salar	0.100	mg/L	5	09/04/08 17:56	EPA 1311/6020	
Barium	ND		1.25	+	44.	.00	u-	
Cadmium	ND		0.0500				1s	
Chromium	ND		0.100				34	
Lead	0.478		0.0500		01		0	
Mercury	ND	÷	0.00400	π.	00	. 11	.0	
Selenium	ND		0.0500	0		11		
Silver	ND		0.100		ar.	at.	n	

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#### Geocon Northwest Inc.

8283 SW Cirrus Dr Beaverton, OR 97008-6443 Project: D Street Office Bldg. Project Number: P1387-05-03 Project Manager: Kevin Schleh

Reported: 09/05/08 16:29

### ANALYTICAL SAMPLE RESULTS

Percent Dry Weight by D2216							
Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
		Matrix: Soil					
74.8		1.00	% by Weight	1	09/04/08 09:01	D2216	
		Matrix: Soil					
57.6	***	1.00	% by Weight	1	09/04/08 09:01	D2216	
	74.8	Result MDL	Reporting Result MDL Limit Matrix: Soil 74.8 1 00 Matrix: Soil	Reporting Result MDL Limit Units Matrix: Soil 74.8 1.00 % by Weight Matrix: Soil	Reporting Result MDL Limit Units Dilution Matrix: Soil 74.8 1 00 % by Weight 1 Matrix: Soil	Reporting Result MDL Limit Units Dilution Date Analyzed Matrix: Soil 74.8 1 00 % by Weight 1 09/04/08 09:01 Matrix: Soil	Reporting       Result     MDL     Limit     Units     Dilution     Date Analyzed     Method       Matrix: Soil       74.8      1.00     % by Weight     1     09/04/08 09:01     D2216       Matrix: Soil

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	09/05/08 16:29

### QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel Ra	ange (C10-	-C22) ar	nd Oil Rang	e (C22-C40	) Hydro	carbons b	Y NWTPH	I-DX - 511	ica Gel G	leanu	,	_
Analyte	Result	MDL	Reporting Limit	Units	Dil	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090028 - EPA 3546	(Fuels)		_			_	Soi			_	_	_
Blank (8090028-BLK2)						Analyzed:	09/04/08 09	:07				
NWTPH-Dx												
Diesel Range Organics	ND	1000	20.0	mg/kg wet	1	200		-			***	
Oil Range Organics	ND	1000	40.0	D.	G.	1444.1			-441	+++	***	
Surr: o-Terphenyl (Surr)		Reco	very: 109 %	Limits: 50	0-150 %	Dil	ution: 1x					
LCS (8090028-BS2)						Analyzed:	09/04/08 10	):07				
NWTPH-Dx												
Diesel Range Organics	93.7	-	20.0	mg/kg wet	1	83.3		112	75-125%	~	-	
Oil Range Organics	98.5		40.0	41	16		÷+÷ (	118				
Surr: o-Terphenyl (Surr)		Rec	overy: 99 %	Limits: 5	7-150 %	Dil	ution: 1x					
Duplicate (8090028-DUP2)			Source: 2	\$809017-02		Analyzed:	09/04/08 10	):45				
NWTPH-Dx												
Diesel Range Organics	243		46.6	mg/kg dry	}	÷+÷	153	<b>e</b>	200	45	40%	F-03, Q-17
Oil Range Organics	567		93.2			144	413		775	32	40%	F-03
Surr: o-Terphenyl (Surr)		Rec	overy: 91%	Limits: 5	7-150 %	Dil	lution: 1x					

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Surr: 4-Bromofluorobenzene (Sur)

Duplicate (8090017-DUP1)

Gasoline Range Organics

Surr: 4-Bromofluorobenzene (Sur)

1.4-Difluorobenzene (Sur)

NWTPH-Gx

1,4-Difluorobenzene (Sur)

12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

30%

Geocon Northwest Inc.				Project	D Stre	et Office Bld;	g.					
8283 SW Cirrus Dr			Ŧ	Project Number	: P1387-	-05-03					Report	ed:
Beaverton, OR 97008-6443				roject Manager							09/05/08	16:29
		Q	UALITY C	CONTROL	(QC) S	AMPLE R	ESULTS	5				
		Gaso	oline Rang	e (C6-C10)	Hydroc	arbons by	NWTPH-	Gx				
Analyte	Result	MDL	Reporting Limit	Units	Dil	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090017 - EPA 5035A	-						Soi	-			_	
Blank (8090017-BLK1)						Analyzed:	09/04/08 11	:37				
NWTPH-Gx												
Gasoline Range Organics	ND		4.00	ing/kg wet	50		÷÷		1-++=	÷÷		
Surr: 4-Bromofluorobenzene (Sur)		Reco	overy: 86 %	Limits: 50	-150 %	Dil	ution: 1x					
1,4-Difluorobenzene (Sur)			81 %	50	-150 %							
LCS (8090017-BS2)						Analyzed:	09/04/08 11	:10				
NWTPH-Gx												
Gasoline Range Organics	21.3		4.00	mg/kg wet	50	25.0		85	70-130%	144	-	

ing/kg dry

Limits: 50-150 %

Limits: 50-150 %

50-150 %

50

50-150 %

1000

ND

Recovery: 81 %

6.48

81 %

Recovery: 84 %

83 %

Source: A809017-01

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ND

7x

÷

Dilution: 1x

Analyzed: 09/04/08 12:33

Dilution:

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16 29

#### QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile O	rganic Con	npound	S DY EPA	5260B					
Analyte	Result	MDL	Reporting Limit	Units	Dil,	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 8090017 - EPA 50354							Soi					
3lank (8090017-BLK1)						Analyzed:	09/04/08 11	:37				
5035/8260B												
Acetone	ND	-	1000	ug/kg wet	50	-		546		344	(	
Benzene	ND	+++	12.5	**	- 11				144			
Bromobenzene	ND	-	25 ()	·₩'		-		int.		÷**	***	
Bromochloromethane	ND		25.0	*					142	1944	1242	
Bromodichloromethane	ND	+++	25 0	. V								
Bromoform	ND		50.0	<i>v</i>		-		244	-	1944	++++	
Bromomethane	ND	-	500	- 30		-		ter:		1000		
2-Butanone (MEK)	ND		500			***	***					
n-Butylbenzene	ND		25 ()		- 11	***						
sec-Butylbenzene	ND		25.0		.111	644	***					
tert-Butylbenzene	ND		25.0	υ.		***			***			
Carbon tetrachloride	ND		25.0	0		-			***			
Chlorobenzene	ND		25.0				***				-	
Chloroethane	ND		500	- U.							***	
Chloroform	ND	and.	250	. 0.							Sec.	
Chloromethane	ND		250	-0.	-10					***		
2-Chlorotoluene	ND	-	25.0	n.	in	***				-		
4-Chlorotoluene	ND	-	25.0	υ.	10						-	
1,2-Dibromo-3-chloropropane	ND		100	- 9.		***						
Dibromochloromethane	ND		50.0	υ.	100							
1.2-Dibromoethane (EDB)	ND	-	25.0	- 0.	19					-	-	
Dibromomethane	ND		25.0	- dt.	.0							
1.2-Dichlorobenzene	ND	***	25.0	, h	-0							
1,3-Dichlorobenzene	ND		25 0	41	ιñ.			-		-	-	
1.4-Dichlorobenzene	ND		25 0	-ic	-10					***	-	
Dichlorodifluoromethane	ND		50.0	.0	-11			1.444				
1.1-Dichloroethane	ND		25.0	-āc	-0.			( and				
1.2-Dichloroethane (EDC)	ND		25.0	sir.	-0			(				
1.1-Dichloroethene	ND	_	25.0		.0			Care.				
cis-1,2-Dichloroethene	ND		25.0	<i>n</i>	- 0		-					
trans-1,2-Dichloroethene	ND		25.0	m	- 0			+++-				
1,2-Dichloropropane	ND		25.0	m	- 0							
1,3-Dichloropropane	ND		25.0		- 0			17.				
2,2-Dichloropropane	ND		50.0		α.							

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number.	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Keym Schleh	09/05/08 16:29

#### QUALITY CONTROL (QC) SAMPLE RESULTS

		V	olatile O	rganic C	ompounds	s by EPA 8	3260B					
Analyte	Result	MDL	eporting Limit	Units	Dil	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090017 - EPA 5035A	-						Soil					
Blank (8090017-BLK1)						Analyzed:	09/04/08 11	:37				
1,1-Dichloropropene	ND	· · · ·	25.0	ug/kg w	et. "					÷÷€i	++3:	
cis-1,3-Dichloropropene	ND		50.0						210			
trans-1,3-Dichloropropene	ND		50.0									
Ethylbenzene	ND		25.0	0							~~~	
Hexachlorobutadiene	ND		100	0	n		-					
2-Hexanone	ND	***	500	- 11	- 11						(mere)	
Isopropylbenzene	ND		25.0	-m	- n							
4-Isopropyltoluene	ND		25.0	-11	- 0							
4-Methyl-2-pentanone (MiBK)	ND	2.44	500	- 10							-	
Methyl tert-butyl ether (MTBE)	ND		50.0	-40	- 6	-	a de se	144		-		
Methylene chloride	ND		250	-0.	-0	-	(Late)			-		
Naphthalene	ND		250	-02	ų.	***			(242)			
n-Propylbenzene	ND		25.0			***			10000		-	
Styrene	ND		25.0		-12-	***	****				-	
1,1,1,2-Tetrachloroethane	ND		50.0	-10:	ar.		***					
1,1,2,2-Tetrachloroethane	ND		25.0	10	-0		***		-			
Tetrachloroethene (PCE)	ND		25.0	540	00		***		-			
Toluene	ND		100	~oC	-000	-					***	
1,2,3-Trichlorobenzene	ND		100	-10	-90						***	
1,2,4-Trichlorobenzene	ND		100					-				
1,1,1-Trichloroethane	ND	-	50.0	10								
1,1,2-Trichloroethane	ND		25.0					-				
Trichloroethene (TCE)	ND		25.0	н.	0							
Trichlorofluoromethane	ND		250									
1,2,3-Trichloropropane	ND		50.0		10						+++	
1,2,4-Trimethylbenzene	ND	1	50.0	16								
1,3,5-Trimethylbenzene	ND		50.0	н								
Vinyl chloride	ND		25.0	be:					-		100	
m,p-Xylene	ND		50.0	н		-						
o-Xylene	ND		25.0									
urr: Dibromofluoromethane (Surr)		Recovery		Limits:	70-130 %	Dih	ation: Ix					
1.4-Difluorobenzene (Surr).		decored)	100 %	a minute	70-130 %	Din	"					
Toluene-d8 (Surr)			100 %		70-130 %		Я					
4-Bromofluorobenzene (Surr)			102 %		70-130 %		8					

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16:29

#### QUALITY CONTROL (QC) SAMPLE RESULTS

			volatile O	rganic Con	npound	SUYLFAC	12000					
Analyte	Result	MDL	Reporting Limit	Units	Dil	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090017 - EPA 5035/	A					_	Soi					
LCS (8090017-BS1)						Analyzed:	09/04/08 10	:41				
5035/8260B												
Acetone	1980		1000	ug/kg wet	50	2000	(heat)	99	65-135%			
Benzene	979		12.5		<i>n</i>	1000	liver (	98	-11			
Bromobenzene	984		25.0	0	w	.0.	See	98	a.			
Bromochloromethane	1010		25,0	AL.			100	101	.0			
Bromodichloromethane	1060		25.0	17.	m,			106	31-	i i i i i i i i i i i i i i i i i i i	-	
Bromoform	1040	-	50.0		-1	0		104	30-			
Bromomethane	1450		500		0.1	Ξ.	-	145	30-		(144)	Q-29
2-Butanone (MEK)	1830	-	500	н.		2000		92	-90	-8-		
n-Butylbenzene	1040		25.0	0	-	1000		104	н	che.	and an	
sec-Butylbenzene	1090		25.0	0	-			109	10		- 14	
tert-Butylbenzene	1070		25.0		ai.	-iic		107	n		-	
Carbon tetrachloride	1040		25.0	ir i	÷,			104	87.	-		
Chlorobenzene	1000		25.0		0	ii.		100	10			
Chloroethane	1700		500		-Gir			170	н	-	-	Q-2
Chloroform	1000		250		- (R	-10-		100		-	(march)	
Chloromethane	1270		250	ñ.		.91		127		-		
2-Chlorotoluene	1030		25.0	-	Ge			103				
4-Chlorotoluene	1040		25.0	$\bar{n}$	- Th			104		man	-	
1.2-Dibromo-3-chloropropane	1070		100	0				107		- Andrews	-	
Dibromochloromethane	1050		50.0	0		w	-	105	30			
1,2-Dibromoethane (EDB)	984		25.0	п.		-11	540	98	ji.			
Dibromomethane	936		25.0					94	22			
1,2-Dichlorobenzene	1040		25.0					104	-			
1,3-Dichlorobenzene	1040		25.0			4		103				
	1030		25.0					103				
1,4-Dichlorobenzene Dichlorodifluoromethane			50.0		7			152	- 10			Q-2
	1520		25.0		10			107	10			4.
1,1-Dichloroethane	1070				υ			98	11			
1,2-Dichloroethane (EDC)	976		25.0				***	1.12	-11			
1,1-Dichloroethene	950	1944	25.0		-		244	95		ore.		
cis-1,2-Dichloroethene	976		25.0					98				
trans-1,2-Dichloroethene	984		25.0	R	2			98	-		0.00	
1,2-Dichloropropane	1030	(++-)	25.0	н	μ		·***)	103				
1,3-Dichloropropane	977		25,0	А	2		(1997)	98	91			
2,2-Dichloropropane	1050		50.0	<u>n</u>	2	10		105	11-			

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Geocon Northwest Inc.	Projecti	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16:29

#### QUALITY CONTROL (QC) SAMPLE RESULTS

	2.1		Reporting		D.1	Spike	Source	NDEC	%REC	DDD	RPD	Mater
Analyte	Result	MDL	Limit	Units	Dil	Amount	Result	%REC	Limits	RPD	Limit	Notes
Batch 8090017 - EPA 5035A							Soil				_	_
.CS (8090017-BS1)						Analyzed:	09/04/08 10					
1,1-Dichloropropene	978	-	25.0	ug/kg wet	10	.00		98	н		-	
cis-1,3-Dichloropropene	1010		50.0	-10	и.			101				
trans-1,3-Dichloropropene	1010		50.0	- 9	367	100		101	А		au	
Ethylbenzene	982	-	25,0		10.1	(m).		98	А			
Hexachlorobutadiene	1080	1.000	100		77			108	л	***		
2-Hexanone	1940	1.4440	500	00	11	2000		97	н		1.444	
Isopropylbenzene	1030		25.0	n.,		1000		103	11			
4-Isopropyltoluene	1120		25.0	0.2				112	м	***	-	
4-Methyl-2-pentanone (MiBK)	1860		500			2000		93	н	210	÷** (	
Methyl tert-butyl ether (MTBE)	952		50.0			1000	***	95	.8.		····	
Methylene chloride	1000		250	n -	0	- 0		100	.n.	( <u>)</u> ++		
Naphthalene	838	1173	250	<i>n</i>	0	- 0	***	84		217	-	
n-Propylbenzene	1030		25.0	<i>n</i>	n -	- 66		103	-9			
Styrene	1090		25.0	n -		u.		109			-	
1,1,1,2-Tetrachloroethane	1030		50.0			-10		103	ê.			
1,1,2,2-Tetrachloroethane	1670		25.0	.0.		an .		107	ù.			
Tetrachloroethene (PCE)	948		25.0		e.	-0		95	9			
Toluene	992		100					99	Ĥ.			
1.2.3-Trichlorobenzene	1050		100		-uk-			105	ù:	-		
1.2.4-Trichlorobenzene	1060		100		.0.			106				
1,1,1-Trichloroethane	994		50.0		. A.	.0-	****	99	.0			
1,1,2-Trichloroethane	1010	-	25,0	99.	.( <del>1</del> ),	- iii		101	-ir		_	
Trichloroethene (TCE)	998		25.0		94			100	-0		~	
Trichlorofluoromethane	1130		250	.10	- ii			113	-0	122.0		
1,2,3-Trichloropropane	994		50.0	, А.	÷.			99	- 0	-		
1,2,4-Trimethylbenzene	1060		50.0	94.	÷.			106	-0	in		
1,3,5-Trimethylbenzene	1070		50.0	.0.				107	-11		-	
Vinyl chloride	1180	***	25.0	36.				118	- 0	-	-	
m,p-Xylene	2000		50.0	.0.	-u	2000		100			المغتر	
o-Xylene	1020		25.0	ii.	ŵ	1000		102			(iners)	
Surr: Dibromofluoromethane (Surr			very: 103 %	Limits:	70-130 %		lution. 1x					
J.4-Difluorobenzene (Surr)		Reco	100 %		70-130 %	Di	"					
Toluene-d8 (Surr)			99 %		70-130 %		a.					
4-Bromofluarahenzene (Surr)			100 %		70-130 %		37					

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	09/05/08 16:29

#### QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile O	rganic Cor	npound	s by EPA 8	3260B					
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090017 - EPA 5035/	4						Soil					
Duplicate (8090017-DUP1)			Source: /	\$809017-01		Analyzed:	09/04/08 12	:33		_		
5035/8260B												
Acetone	ND		1620	ug/kg dry	50		ND		-		30%	
Benzene	ND		20.2		94		ND	+++		-	30%	
Bromobenzene	ND		40.5	90	w.		ND		()+++()		30%	
Bromochloromethane	ND		40.5	AC.	0		ND			-	30%	
Bromodichloromethane	ND		40.5	11	347		ND	1+++			30%	
Bromoform	ND	-	81.0	9	10		ND				30%	
Bromomethane	ND		810.				ND				30%	
2-Butanone (MEK)	ND	- 222	810.	n -			ND				30%	
n-Butylbenzene	ND	1.444	40.5				ND				30%	
sec-Butylbenzene	ND		40.5		tr.	2	ND				30%	
tert-Butylbenzene	ND		40.5	и -			ND				30%	
Carbon tetrachloride	ND	1-1-2	40,5	. 0	-38		ND				30%	
Chlorobenzene	ND		40.5		0	-	ND				30%	
Chloroethane	ND		810		U		ND				30%	
Chloroform	ND		405			Sec.	ND				30%	
Chloromethane	ND	-	405				ND				30%	
2-Chlorotoluene	ND		40.5			444	ND				30%	
4-Chlorotoluene	ND	- 1-	40.5				ND				30%	
1.2-Dibromo-3-chloropropane	ND		162				ND				30%	
Dibromochloromethane	ND		81.0				ND		-		30%	
1,2-Dibromoethane (EDB)	ND	-	40.5				ND				30%	
Dibromomethane	ND		40.5	*			ND	***	242		30%	
1.2-Dichlorobenzene	ND		40.5				ND		1244		30%	
1,3-Dichlorobenzene	ND		40.5	n.	÷.		ND				30%	
1,4-Dichlorobenzene	ND		40.5		'n		ND				30%	
Dichlorodifluoromethane	ND		81.0	· · ·			ND	-		-	30%	
1,1-Dichloroethane	ND		40.5	- 12	. 0		ND			242	30%	
1.2-Dichloroethane (EDC)	ND		40.5		- 0		ND			-	30%	
I.1-Dichloroethene	ND	int.	40.5	.0	0	-	ND		-		30%	
cis-1,2-Dichloroethene	ND		40.5	-40	-10		ND				30%	
trans-1,2-Dichloroethene	ND		40.5	-0	-00		ND			444.1	30%	
1,2-Dichloropropane	ND		40.5	-4	- 10		ND				30%	
1,3-Dichloropropane	ND		40.5	- 10	- 44		ND				30%	
2.2-Dichloropropane	ND		81.0	- 60	- 81		ND				30%	

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16:29

### QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Co	Volatile Organic Compounds by EPA 8260B								
Analyte	Result	MDL.	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch 8090017 - EPA 5035A							Soil	ñ					
Duplicate (8090017-DUP1)			Source: A	809017-01		Analyzed:	09/04/08 12	:33					
1,1-Dichloropropene	ND		40,5	ug/kg dry			ND	***			30%		
cis-1,3-Dichloropropene	ND		81.0				ND		++	-	30%		
trans-1,3-Dichloropropene	ND		81.0	а,	<i>n</i> -		ND	+++			30%		
Ethylbenzene	ND		40.5	0	-		ND				30%		
Hexachlorobutadiene	ND	1000	162	0	81	****	ND	***	-		30%		
2-Hexanone	ND	1.000	810	n	m	***	ND				30%		
Isopropylbenzene	ND		40.5	n	R -	1.4444	ND	***			30%		
4-Isopropyltoluene	ND		40.5	n	16		ND	***			30%		
4-Methyl-2-pentanone (MiBK)	ND		810	n	.0 -		ND				30%		
Methyl tert-butyl ether (MTBE)	ND	(****)	81.0	0.0	.11.		ND			-	30%		
Methylene chloride	ND	-	405	<u>m</u> -			ND				30%		
Naphthalene	ND		405	10-			ND				30%		
n-Propylbenzene	ND		40.5	- 10 -	.10		ND				30%		
Styrene	ND		40.5	(HP	-10		ND				30%		
1,1,1,2-Tetrachloroethane	ND		81.0	10	0		ND				30%		
1,1,2,2-Tetrachloroethane	ND		40.5	3.04			ND				30%		
Tetrachloroethene (PCE)	ND		40.5		10		ND	100			30%		
Toluene	ND		162	-10	Ψ		ND				30%		
1,2,3-Trichlorobenzenc	ND		162	307	Ω.		ND	and a	-		30%		
1.2.4-Trichlorobenzene	ND		162	$\overline{w}$	107		ND	(Last)	-		30%		
1.1.1-Trichloroethane	ND		81.0	- + + +	147		ND	1441			30%		
1,1,2-Trichloroethane	ND		40.5	- 02	500		ND	-		144	30%		
Trichloroethene (TCE)	ND		40.5	+0	τŵ?		ND	(Line)	142		30%		
Trichlorofluoromethane	ND		405	10	5 P		ND	444		-	30%		
1,2,3-Trichloropropane	ND		81.0	10 ·			ND	444			30%		
1,2,4-Trimethylbenzene	ND	-	81.0	n.	w		ND	÷++ (			30%		
1,3,5-Trimethylbenzene	ND		81.0		91		ND				30%		
Vinyl chloride	ND		40.5		11		ND	1999			30%		
m,p-Xylene	ND		81.0		(0)	144	ND				30%		
o-Xylene	ND		40.5				ND				30%		
Surr: Dibromofluoromethane (Surr	diver.		nvery: 101 %	Limits:	70-130 %	Di	lution: 1x						
1.4-Difluorobenzene (Surr)	<i>.</i>	nect	100 %	within the	70-130 %		н						
Toluene-d8 (Surr)			100 %		70-130 %								
4-Bromofluorobenzene (Surr)			103 %		70-130 %		н						

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16:29

#### QUALITY CONTROL (QC) SAMPLE RESULTS

	Volatile Organic Compounds by EPA 8260B											
Analyte	Result	MDL	Reporting Limit	Units	Dil	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090017 - EPA 50354	4						Soi				_	
Matrix Spike (8090017-MS1)			Source: /	4809017-02		Analyzed:	09/04/08 13	:28				
5035/8260B												
Acetone	3840		2390	ug/kg dry	50	4790	ND	-80	65-135%			
Benzene	2170	5441	29.9	30	-107	2400	ND	90	11.			
Bromobenzene	2130		59.7	.0.	0.1	n	ND	89	11.			
Bromochloromethane	2230	- +-	59 7	10	0.	n	ND	93			***	
Bromodichloromethane	2320		59.7	0.		0	ND	97	H.		***	
Bromoform	2280		119	n	n		ND	95	H.			
Bromomethane	3480	-	1190	n -		- 0	605	120	면			
2-Butanone (MEK)	3970		1190	n -		4790	ND	83				
n-Butylbenzene	2230		59.7	п		2400	ND	93	(64.)			
sec-Butylbenzene	2370		59.7	11	-0 -	- U	ND	99				
tert-Butylbenzene	2350		59.7	н	0		ND	98	Ű.			
Carbon tetrachloride	2360	-	59.7	н	£1		ND	99	ũ.			
Chlorobenzene	2200		59.7		44	- 11	ND	92	e.			
Chloroethane	6580		1190		er .	1.0	ND	274	ù			Q-2
Chloroform	2230		597	ä.	<i>n</i> .	- E	ND	93	ÿ		100	
Chloromethane	2620	Sec.	597	<i>n</i> .	й.	Ĥ	94.4	105	÷		المبتد	
2-Chlorotoluene	2230	in.	59.7		<i>.</i>		ND	93	-0			
4-Chlorotoluene	2250	-	59.7	. n.			ND	94	.0	-44	12421	
1,2-Dibromo-3-chloropropane	2440		239	. ė.	. <del>11</del> .	÷	ND	102		-	-	
Dibromochloromethane	2300		119	÷.	.11		ND	96	n	-	144	
1,2-Dibromoethane (EDB)	2220	244	59.7	. A.	10		ND	93	0	(min)		
Dibromomethane	2100	1.44	59.7	Р.	÷		ND	88	u.			
1,2-Dichlorobenzene	2230		59.7	Ψ.	÷	<b>P</b>	ND	93	. <del>п</del> .		++++	
1.3-Dichlorobenzene	2210		59.7	<i>n</i>	÷		ND	92	- U			
1,4-Dichlorobenzene	2200		59.7	ŵ	-0-	4/	ND	92	-10.			
Dichlorodifluoromethane	3730		119	÷.	-0		ND	155	w.			Q-0
1.1-Dichloroethane	2360		59.7	÷.			ND	99	-w.			
1.2-Dichloroethane (EDC)	2380		59.7	÷	0	81	ND	99		***	-1-	
1.1-Dichloroethene	2210		59.7		- 10	υ	ND	92			-	
cis-1,2-Dichloroethene	2210		59.7	- 8	- 0	0 -	ND	92	-			
trans-1,2-Dichloroethene	2250		59.7	- 0		w	ND	94			-	
1,2-Dichloropropane	2290		59.7	- 0	-0-		ND	96	-			
1.3-Dichloropropane	2220		59.7	- 0	0		ND	92	un-	-	-	
2.2-Dichloropropane	2260		119	-0	0		ND	94	100		-	

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported;
Beaverton, OR. 97008-6443	Project Manager.	Kevin Schleh	09/05/08 16:29

### QUALITY CONTROL (QC) SAMPLE RESULTS

		Sec.	Reporting			Spike	Source	NIDEC	%REC	DBD	RPD Limit	Notes
Analyte	Result	MDL	Limit	Units	Dil.	Amount	Result	%REC	Limits	RPD	Limit	Notes
Batch 8090017 - EPA 5035A							Soi					
Matrix Spike (8090017-MS1)			Source: A	809017-02	-	Analyzed:	09/04/08 13	:28				
1.1-Dichloropropene	2220		597	ug/kg dry	- 10	7	ND	93				
cis-1,3-Dichloropropene	2230		119	- 11	- 40	<i>p</i> -	ND	93				
trans-1,3-Dichloropropene	2220		119			91	ND	93				
Ethylbenzene	2200	-	59.7	-0.0	00	20	ND	92			***	
Hexachlorobutadiene	2330	***	239	-0	do	10-	ND	97	u		***	
2-Hexanone	4310		1190	<i>c</i> .	-00	4790	ND	90	0		***	
Isopropylbenzene	2360	***	59.7	.0	11	2400	ND	99	6	***	-	
4-Isopropyltoluene	2420		59.7	0.0		w	ND	101	. <u>е</u>	***	***	
4-Methyl-2-pentanone (MiBK)	4330	-	1190	10	-1	4790	ND	90			e++1	
Methyl tert-butyl ether (MTBE)	2160		119	-m	10	2400	ND	90	. 0			
Methylene chloride	2180		597	-10	-10	m -	93.2	87	- 11	644		
Naphthalene	1700	-	597		-10		ND	.71		544	-	
n-Propylbenzene	2250		59.7				ND	94			-	
Styrene	2350		59.7	0	- 18		ND	98		<del></del>		
1,1,1,2-Tetrachloroethane	2290		119	9			ND	96				
1,1,2,2-Tetrachloroethane	2390		59.7		. 0		ND	100	н	***		
Tetrachloroethene (PCE)	2220		597		. 6		ND	92	- 10		iere:	
Toluene	2220		239		- 6	n -	ND	93	- <i>p</i> .	eret.		
1.2.3-Trichlorobenzene	2060		239		- 10		21.5	85	- H T		100	
1.2.4-Trichlorobenzene	2160		239			41	ND	90	11	-	-	
1.1.1-Trichloroethane	2300		119	Tr.	. n -	115	ND	96	Ĥ.			
1.1.2-Trichloroethane	2220		59.7		- ñ.	e.,	ND	92	н.			
Trichloroethene (TCE)	2200		59.7		- ñ	36	ND	92				
Trichlorofluoromethane	2540		597		- 31.	ie.	ND	106	и.			
1,2,3-Trichloropropane	2160		119			20	ND	90	н.	-		
1,2,4-Trimethylbenzene	2250	-	119			240	ND	94	n =			
1,3,5-Trimethylbenzene	2330	-	119	. <i>p</i>	<i>i</i> ,	2	ND	97				
Vinyl chloride	2690	-	59.7		i.	,Ĥ	ND	112	n.:	-		
m,p-Xylene	4420		119			4790	ND	92		-	-	
o-Xylene	2230		59.7		ü.	2400	ND	93		-		
Surr: Dibromofluoromethane (Surr,			overy: 103 %	Limits:	70-130 %		lution: 1x					
Surr: Dibromojiuoromeinane (Surr, 1,4-Difluorobenzene (Surr)		Neci	98 %		70-130 %	DI	nuism. in					
Toluene-d8 (Surr)			101 %		70-130 %		ū					
4-Bromofluorobenzene (Surr)			99.96		70-130 %		-11					

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16:29

#### QUALITY CONTROL (QC) SAMPLE RESULTS

			TCLP	Metals by	EPA 6	020 (ICPMS	5)					
Analyte	Result	MDL	Reporting Limit	Ünits	Díl.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090036 - EPA 1311	/3015						Soil					
Blank (8090036-BLK1)						Analyzed:	09/04/08 16	:15				
EPA 1311/6020												
Arsenic	ND		0.100	mg/L	5		***			444	-	
Barium	ND	-	1.25	u.	0.0	·					244	
Cadmium	ND	-	0.0500								124.4	
Chromium	ND	-	0.100	- 0.	107	-	***		***		1444	
Lead	ND		0.0500	10	-						-	
Mercury	ND		0.00400		-					***		
Selenium	ND	***	0,0500	145	or:			-	++7			
Silver	ND	***	0 100	а	н		1.000	877.	र र र	877	0.00	
LCS (8090036-BS1)						Analyzed:	09/04/08 16	:18				
EPA 1311/6020												
Arsenic	2.59		0.100	mg/L	5	2.50		104	80-120%			
Barium	2 70		1.25	ŵ	-10			108	н			
Cadmium	2.56		0.0500	-0-	0	0	-	102	- 80		-	
Chromium	2.52		0.100	-0	- <i>U</i> .			101	-92		-	
Lead	2,52		0.0500	- 11	· W.			101	. 0.			
Mercury	0.0980		0.00400	. 99.	00	0.100		98	-11			
Selenium	1.28	100	0.0500	10	40	1.25		102	-40			
Silver	1.28		0.100	ж	**	Ť.	-	103	41-		-	
Matrix Spike (8090036-MS1)			Source: A	809017-01		Analyzed:	09/04/08 16	:49				
EPA 1311/6020												
Arsenic	2.59		0.100	mg/L.	5	2.50	ND	104	50-150%		-	
Barium	2.86	-	1.25	"	**		0.295	103	a	-		
Cadmium	2.52	-	0.0500	Tr.	**		ND	101	'n		4	
Chromium	2.56		0.100	н	н		0.00850	102	н			
Lead	2 50	Server.	0.0500	n	-18	ж	0.0120	99	m			
Mercury	0.0970	-	0.00400	0		0.100	ND	97	π.			
Selenium	1.28		0.0500			1.25	ND	103	w.			
Silver	1.28		0.100		10		ND	102	10	-		

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Philip Neverberg

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Philip Nerenberg, Lab Director

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

## Geocon Northwest Inc. Project D Street Office Bldg. 8283 SW Cirrus Dr Project Number P1387-05-03 Reported: Beaverton, OR 97008-6443 Project Manager Kevin Schleh 09/05/08 16:29

### QUALITY CONTROL (QC) SAMPLE RESULTS

			Pe	rcent Dry V	Veight	by D2216						
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090027 - Dry Weight	t						Soi	1				
Duplicate (8090027-DUP1)			Source:	4809017-02		Analyzed:	09/04/08 09	:01				
% Solids	56.4		Ĵ.00	% by Weight	1	<u>يت</u>	57.6			2	20%	

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Philip Neonberg

Philip Nerenberg, Lab Director

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Geocon Northwest Inc 8283 SW Cirrus Dr Beaverton, OR 97008-			Project Project Number Project Manager			<b>Repor</b> 09/05/08	
		SA	MPLE PREPARA	ATION INFORMATIO	N		
E	iesel Range	e (C10-C22) and C	il Range (C22-C40)	Hydrocarbons by NW	ſPH-Dx - Silica Gel	Cleanup	
Prep: EPA 3546 (F	uels)				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 8090028		1.					
A809017-01	Soil	NWTPH-Dx	09/02/08 13:00	09/03/08 14:33	13.89g/5mL	15g/5mL	1.08
A809017-02RE1	Soil	NWTPH-Dx	09/02/08 13:20	09/03/08 14:33	12.81g/5mL	15g/5mL	1.17
		Gasolin	e Range (C6-C10) H	lydrocarbons by NWTP	PH-Gx		
Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 8090017							1.11
A809017-01	Soil	NWTPH-Gx	09/02/08 13:00	09/03/08 09:00	10.938g/10mL	10g/10mL	0.91
A809017-02	Soil	NWTPH-Gx	09/02/08 13:20	09/03/08 09:00	10.501g/10mL	10g/10mL	0.95
		Vo	latile Organic Com	pounds by EPA 8260B			
Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 8090017	1997						_
A809017-01	Soil	5035/8260B	09/02/08 13:00	09/03/08 09:00	10.938g/10mL	10g/10mL	0.91
A809017-02	Soil	5035/8260B	09/02/08 13:20	09/03/08 09:00	10.501g/10mL	10g/10mL	0.95
			TCLP Metals by	EPA 6020 (ICPMS)			

Prep: EPA 1311/30	015				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 8090036							
A809017-01	Soil	EPA 1311/6020	09/02/08 13:00	09/04/08 10:32	5mL/50mL	5mL/50mL	1.00
A809017-02	Soil	EPA 1311/6020	09/02/08 13:20	09/04/08 10:32	5mL/50mL	5mL/50mL	1.00

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	Notes and De	finitions	
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/05/08 16.29
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Geocon Northwest Inc.	Project:	D Street Office Bldg.	

#### Qualifiers:

F-03	The result for this hydrocarbon range is elevated due to the presence of individual analyte peaks in the quantitation range that are not representative of the fuel pattern reported.
Q-01	The percent recovery and/or RPD was outside acceptance limits for this spiked sample. The batch was accepted based on LCS recovery
Q-17	RPD between original and duplicate sample is outside of established control limits.
Q-29	Recovery for Lab Control Spike (LCS) is above the upper control limit. Data may be biased high
V-06	Sample aliquot was subsampled from a soil far without significant headspace. The subsampled aliquot was preserved in methanol within

#### Notes and Conventions:

DET Analyte DETECTED

48 hours of sampling.

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- MDI. If MDL is not listed, data has been evaluated to the Method Reporting Limit only
- Batch
   Unless specifically stated, all analyses include full Batch QC, including Sample Duplicates, Matrix Spikes and/or Matrix Spike

   QC
   Duplicates, in order to meet or exceed method and regulatory requirements. This report contains only results for Batch QC derived from samples included in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.

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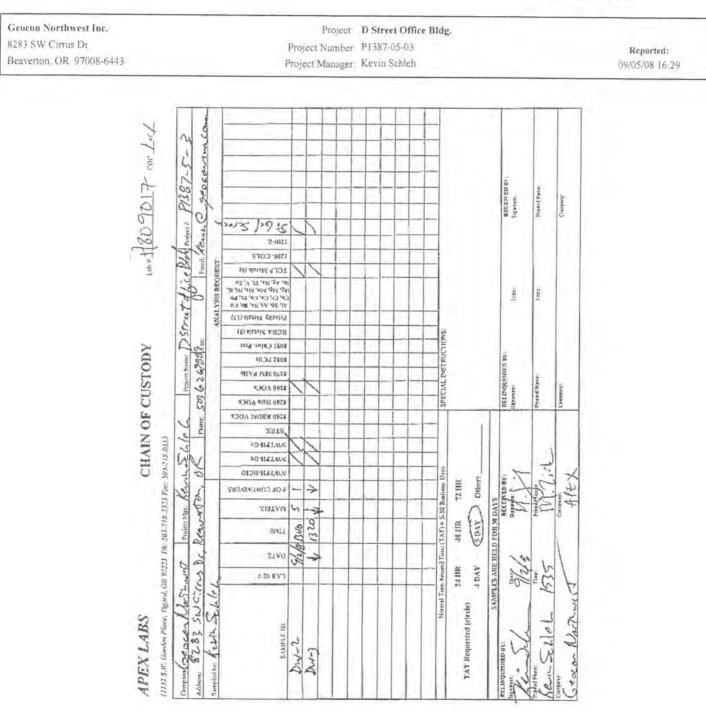
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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Friday, September 12, 2008

Kevin Schleh Geocon Northwest Inc. 8283 SW Cirrus Dr Beaverton, OR 97008-6443

RE: D Street Office Bldg. / P1387-05-03

Enclosed are the results of analyses for work order <u>A809088</u>, which was received by the laboratory on 9/9/2008 at 3:37:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: <u>AGreiner@Apex-Labs.com</u>, or by phone at 503-718-2323.

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Geocon Northwest Inc.	Project: D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number: P1387-05-03	Depostede
Beaverton, OR 97008-6443	Project Manager: Kevin Schleh	Reported: 09/12/08 14:45

### ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION						
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received		
DW-2	A809088-01	Soil	09/02/08 13:00	09/09/08 15:37		
DW-3	A809088-02	Soil	09/02/08 13:20	09/09/08 15:37		

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	09/12/08 14:45

### ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020 (ICPMS)													
Analyte	Result	MDL	Reporting Limit	Date Analyzed	Method	Notes							
DW-2 (A809088-01)			Matrix: Soil										
Arsenic	5.89		1.39	mg/kg dry	10	09/11/08 12:58	EPA 6020						
Barium	111		1.39 "		<i>n</i> .								
Cadmium	ND		1.39		1	0							
Chromium	20.5		2.77	-ie		41							
Lead	86.7		1.39		11		- 11 -						
Mercury	5.82		0.555		50	09/11/08 13:34	- n - 11						
Selenium	ND	-	1.39		10	09/11/08 12:58							
Silver	ND		2.77	v	ú		н						
0W-3 (A809088-02)			Matrix: Soil										
Arsenic	7.99		1.59	mg/kg dry	1.0	09/11/08 13:07	EPA 6020						
Barium	233	440	1,59		u.	и	*						
Cadmium	ND		1.59		i+ -								
Chromium	30.3	***	3.19		н	ac.							
Lead	432		1.59	ii	10	. u	Ψ.						
Mercury	10,4		0 637		50	09/11/08 13:37	0						
Selenium	ND	-	1.59	41.	10	09/11/08 13:07	41						
Silver	7.09	-	3.19	11	**								

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

# Geocon Northwest Inc. Project D Street Office Bldg. 8283 SW Cirrus Dr Project Number: P1387-05-03 Beaverton, OR '97008-6443 Project Manager: Kevin Schleh

### ANALYTICAL SAMPLE RESULTS

	Percent Dry Weight by D2216												
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes					
DW-2 (A809088-01)			Matrix: Soil	1.4.1.2				-					
% Solids	73.9		1.00	% by Weight	1	09/11/08 08:49	D2216						
DW-3 (A809088-02)			Matrix: Soil										
% Solids	65.0	***	00,1	% by Weight	1	09/11/08 08:49	D2216						

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/12/08 14:45

#### QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020 (ICPMS)												
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090105 - EPA 3051	-						Soi	t:				
Blank (8090105-BLK1)						Analyzed:	09/10/08 21	:34				
UPA 6020												
Arsenic	ND		1.00	mg/kg wet	10				***			
Barium	ND		1.00	10			++++					
Cadmium	ND		1.00	(10)	100							
Chromium	ND		2.00		W.							
Lead	ND		1.00	<i>n</i> 0								
Mercury	ND		0.0800									
Selenium	ND	-	1.00		и.	-						
Silver	ND		2.00			-			~			
LCS (8090105-BS1)						Analyzed:	09/10/08 21	:37				
EPA 6020												
Arsenic	50.3		1.00	mg/kg wet	10	50.0		101	80-120%	-		
Barium	51.4		1.00	**	60 ····	DKC		103	m.		-	
Cadmium	51.8		1.00	**	.e.,	15		104	11			
Chromium	49.5		2.00	£1.	-10,		***	99			-	
Lead	52.1		1.00	H	n.	10		104			See.	
Mercury	1.94		0.0800	+	44.	2 00		97	u.		-	
Selenium	25.7		1.00	4	0	25.0		103			1.000	
Silver	26.0	-	2.00	W.	Ð	11			0		-	
Matrix Spike (8090105-MS2)			Source: 2	4809088-01		Analyzed: (	09/11/08 13	:01				
SPA 6020												
Arsenic	77.0	-	1.39	mg/kg dry	10	69.5	5.89	102	75-125%		-	
Barium	172	-	1.39		9	υ.	111	88	n		-	
Cadmium	73.2	100	1.39	0	<u>r</u>	.01-	0.513	105	н.	-	-	
Chromium	89.0		2.78	2	*	0	20.5	99				
Lead	153		1.39		**		86.7	96	19		(interior)	
Selenium	36.5		1.39	.16	-	34.7	ND	105				
Silver	37.1	-	2,78	в	н	100	1.55	102				
						Analyzed: (	9/11/08 13	:04				
CPA 6020												
Mercury	8.34		0.556	300	50	2.78	5.82	90	18	_		

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

# Geocon Northwest Inc.Project:D Street Office Bldg.8283 SW Cirrus DrProject NumberP1387-05-03Reported:Beaverton, OR 97008-6443Project Manager:Kevin Schleh09/12/08 14:45

### QUALITY CONTROL (QC) SAMPLE RESULTS

			Pe	ercent Dry V	Veight	by D2216						
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8090101 - Dry Weig	ht						Soil					
Duplicate (8090101-DUP3)			Source:	A809088-01		Analyzed:	09/11/08 08	:49				
02216												
% Solids	74.3	5441	1.00	% by Weight	1		73.9		1442	0.5	20%	

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/12/08 14:45

### SAMPLE PREPARATION INFORMATION

	Total Metals by EPA 6020 (ICPMS)													
Prep: EPA 3051	1.10	1.1.5			Sample	Default	RL Prep							
Lab Number	Mātrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor							
Batch: 8090105														
A809088-01	Soil	EPA 6020	09/02/08 13:00	09/10/08 10:39	0.488g/50mL	0.5g/50mL	1.02							
A809088-02	Soil	EPA 6020	09/02/08 13:20	09/10/08 10:39	0.483g/50mL	0.5g/50mL	1.04							

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Geocon Northwest Inc.	Project.	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/12/08 14:45

#### Notes and Definitions

#### Qualifiers:

Notes and Conventions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit.
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
WMSC	Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C
Batch QC	Unless specifically stated, all analyses include full Batch QC, including Sample Duplicates, Matrix Spikes and/or Matrix Spike Duplicates, in order to meet or exceed method and regulatory requirements. This report contains only results for Batch QC derived from samples included in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample

samples included in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Geocon Northwest Inc. 8283 SW Cirrus Dr Beaverton, OR 97008-6443		Project D Street Office Bldg. Project Number P1387-05-03 Project Manager Kevin Schleh												<b>Reported:</b> 09/12/08 14:4.		
	CUSTODY 118 180 9017 7 4000 Lat	marken DSTrut of Lice Blog Waters P1387-5-2	ANALYSIS REQUEST	الالم الم الم الم الم الم الم الم الم ال							SPECIAL INSTRUCTIONS		REZERVED BY	azadikinu Theo horizhano	Compart: Contart:	
	APEX LABS CHAIN OF CUSTODY 1232 5.84, Gordon Filme, Jugard, OR 97237 File, 502-716-2333 File, 503-716-0332	No.	when Sch C	3160 82004 АОС 3160 82004 АОС 444134-04 44413-04 44414-04 44413-04 44413-04 44413-04 44413-04 44414	5/1/ run 5	N					Notwel Tem August Time [TAT] = 5-10 Bathess Days	TAT Bunpostipil (circle) 24 IIR 45 HR 73 HR 4 DAY (JAY), Officer	AMPLICATION AND AND AND AND AND AND AND AND AND AN	Construction and marked	in Nachweit	

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Friday, September 12, 2008

Kevin Schleh Geocon Northwest Inc. 8283 SW Cirrus Dr Beaverton, OR 97008-6443

RE: D Street Office Bldg. / P1387-05-03

Enclosed are the results of analyses for work order <u>A809087</u>, which was received by the laboratory on 9/9/2008 at 3:34:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: <u>AGreiner@Apex-Labs.com</u>, or by phone at 503-718-2323.

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:		09/12/08 14:43

### ANALYTICAL REPORT FOR SAMPLES

	SA	MPLE INFORMATI	ON	
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DW-1	A809087-01	Soil	08/19/08 13:00	09/09/08 15:34

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number.	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager.	Kevin Schleh	09/12/08 14:43

### ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020 (ICPMS)											
Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes				
		Matrix: Soil									
4.03	***(	1.14	mg/kg dry	10	09/11/08 12:22	EPA 6020					
135	~	1.14		30	1.0						
2.00		1.14									
16.5	- 444	2,28				20					
25.7		1.14	10	10	10 I	9					
0.206	+++	0.0914	0	-10	0-1	- 0					
ND		1.14	0	- 000		- u					
ND		2.28	0	m ==	0.1	0					
	4.03 135 2.00 16.5 25.7 0.206 ND	4.03 135 2.00 16.5 25.7 0.206 ND ND ND	Result         MDL         Limit           Matrix:         Soil           4.03          1.14           135          1.14           2.00          1.14           16.5          2.28           25.7          1.14           0.206          0.0914           ND          1.14           ND          2.28	Result         MDL         Limit         Units           Matrix:         Soil           4.03          1.14         mg/kg dry           135          1.14         "           2.00          1.14         "           16.5          2.28         "           25.7          1.14         "           0.206          0.0914         "           ND          1.14         "	Result         MDL         Limit         Units         Dilution           Matrix:         Soil         Matrix:         Soil         Dilution           4.03          1.14         mg/kg dry         10           135          1.14         mg/kg dry         10           135          1.14         mg/kg dry         10           16.5          2.28         mg/kg dry         10           0.206          0.0914         mg/kg dry         10           ND          1.14         mg/kg dry         10	Result         MDL         Limit         Units         Dilution         Date Analyzed           Matrix:         Soil         Matrix:         Soil         Op/11/08 12:22           135          1.14         mg/kg dry         10         09/11/08 12:22           135          1.14         m         m         m           2.00          1.14         m         m         m           16.5          2.28         m         m         m           0.206          0.0914         m         m         m           ND          1.14         m         m         m	Result         MDL         Limit         Units         Dilution         Date Analyzed         Method           Matrix: Soil           4.03          1.14         mg/kg dry         10         09/11/08 12:22         EPA 6020           135          1.14         m         n         n         n           2.00          1.14         n         n         n         n           16.5          2.28         n         n         n         n         n           0.206          0.0914         n         n         n         n         n         n           ND          1.28         n         n         n         n         n				

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Allison Greiner For Philip Nerenberg, Lab Director

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number:	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/12/08 14:43

### ANALYTICAL SAMPLE RESULTS

Percent Dry Weight by D2216										
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes		
DW-1 (A809087-01)			Matrix: Soil							
% Solids	91,6		1.00	% by Weight	1	09/11/08 08 49	D2216			

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Geocon Northwest Inc.	Project:	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager	Kevin Schleh	09/12/08 14:43

### QUALITY CONTROL (QC) SAMPLE RESULTS

			Tota	I Metals by	EPA 6	20 (ICPMS	)					
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 8090105 - EPA 3051							Soi	1				
Blank (8090105-BLK1)						Analyzed:	09/10/08 21	:34				
EPA 6020												
Arsenic	ND	-	1.00	mg/kg wet	10		6-62	-	140	-		
Barium	ND		1.00	0.	0		6-4					
Cadmium	ND	and the	1.00	010	.0							
Chromium	ND		2.00		1000							
Lead	ND		1.00	- 10 · · ·	n-							
Mercury	ND	***	0.0800	- D	01-	***	-					
Selenium	ND		1.00	11								
Silver	ND		2.00		2-			-				
.CS (8090105-BS1)						Analyzed: (	09/10/08 21	.37				
PA 6020								.07				
Arsenic	50.3		1.00	mg/kg wet	10	50.0		101	80-120%			
Barium	51.4		1.00	"	-			103	0		-	
Cadmium	51.8		1.00		w	ŵ		104				
Chromium	49.5	-	2.00	- 0	w.	ŵ.		99			-	
Lead	52.1		1.00		- 11	н.	10	104		-		
Mercury	1.94	-	0.0800			2.00		97				
Selenium	25.7	447	1.00	н		25.0		103	11			
Silver	26 0	-	2 00		n		-	104			adan basi	
Duplicate (8090105-DUP1)			Source:	\$09087-01		Analyzed: 0	0/11/08 12	.25				
PA 6020			Donititi	addread a		Anaryzeu, o	9/11/08 12	40				_
Arsenic	4.22		1.17	mg/kg dry	10	+++-	4.03	124		5	40%	
Barium	134		1.17	11	10		135			0.3	40%	
Cadmium	1.91		1.17		50		2.00		_	5	40%	
Chromium	17.5		2.34		200		16.5			5	40%	
Lead	26.2		1.17		40.		25.7			2	40%	
Mercury	0.175		0.0935				0.206					
Selenium	ND		1 17		ŵ.		ND			16	40%	
Silver	ND		2.34	Ψ.	ò	-	ND	- 47- 		 	40% 40%	
fatrix Spike (8090105-MS1)			Source: A	809087-01		Anological- D	0/11/00 13	28				
PA 6020			Loodi CC: /	01/00/-01		Analyzed: 0	9/11/08 12:	28				
Arsenic	62.4		1.11	mg/kg dry	10	55.6	4.03	105	75-125%		-	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Allison Greiner For Philip Nerenberg, Lab Director

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager,	Kevin Schleh	09/12/08 14:43

#### QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020 (ICPMS)												
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 8090105 - EPA 3051							Soi					
Matrix Spike (8090105-MS1)			Source: A809087-01 Analyzed: 09/11/08 12:28									
Barium	191		1.11	mg/kg dry		6	135	101	.m.	+++	***	
Cadmium	60.7	(min)	1.11	ņ		1	2,00	105				
Chromium	73.8	(min)	2.22	л		ų.	16.5	103				
Lead	81.0		1.11	<i>n</i>	<u>*</u>	14	25.7	100				
Mercury	2,29		0.0889		41.	2 22	0,206	94	Ð			
Selenium	29.2	-	1.11	. e .		27.8	ND	105	0	***		
Silver	28.9		2.22			0	ND	104	22			

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Apex Labs							12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax					
Geocon Northwest Inc. 8283 SW Cirrus Dr Beaverton, OR 97008-6443				Project: oject Number ject Manager	P1387-		2.				<b>Reporte</b> 09/12/08 1	
		Q	UALITY CO	ONTROL	QC) S	AMPLE R	ESULTS	K.				
			Per	cent Dry W	leight l	by D2216						
Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

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Batch 8090101 - Dry Weight

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:		09/12/08 14:43

			Total Metals by EP	PA 6020 (ICPMS)			
Prep: EPA 3051	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 8090105	Matrix	method	Sampled	riepared			1 194193
A809087-01	Soil	EPA 6020	08/19/08 13:00	09/10/08 10:39	0.478g/50mL	0.5g/50mL	1.05

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12232 S.W. Garden Place Tigard, OR 97223 503-718-2323 Phone 503-718-0333 Fax

Geocon Northwest Inc.	Project	D Street Office Bldg.	
8283 SW Cirrus Dr	Project Number	P1387-05-03	Reported:
Beaverton, OR 97008-6443	Project Manager:	Kevin Schleh	09/12/08 14:43

#### Notes and Definitions

#### Qualifiers:

Notes and Conventions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL.	If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
WMSC	Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
Batch QC	Unless specifically stated, all analyses include full Batch QC, including Sample Duplicates, Matrix Spikes and/or Matrix Spike Duplicates, in order to meet or exceed method and regulatory requirements. This report contains only results for Batch QC derived from samples included in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy

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Allison Greiner For Philip Nerenberg, Lab Director

and precision of the extraction and analysis.

Page 9 of 10

503-718-2323 Phone 503-718-0333 Fax Geocon Northwest Inc. Project: D Street Office Bldg. 8283 SW Cirrus Dr Project Number: P1387-05-03 Reported: Beaverton, OR 97008-6443 Project Manager: Kevin Schleh 09/12/08 14:43 Tuber D 1287-05-63 C9-economica 108741 + we RECEIVED #17 A809087 Head Plant Constants 29727 5 2-1011 5700-1073 N PR LCLE Mecole (8) או אר אי פא שי פא אי אי רא נא כע כע כא צר גא אי אנג וות טום וא אי גע עם נאי דו, ע, דם Dee ,# (c)) state thinks ISCIEV WEING (3) THIS CHICK LINE CHAIN OF CUSTODY 103.1 T MI 'mirel Memo 504267837 SPECIAL INSTITU SITE J INIS CLER \$30.4 89ZE STATE D STATES. LEE INK DOA PIFH OFF SOLY MODE OF RIES 1223.2 S.W. Gunden Place, Tigard: 0.8 91223. Pic: 301-312-3233 Face 363-716-0333 30°BALAAN 3C-BdDaN UIDIT-BALLAUN Wormal Tem Amutel Hure (TAT) = 5-10 Business Day 72 116 A DE COMUNESS KINTAM TV è Payer Mar 5 BAY AH 84. Res 3761 ALVO 24 HR AVG -UPLES ARE

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TAT Requested (circle)

Allison Greiner For Philip Nerenberg, Lab Director

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12232 S.W. Garden Place

Tigard, OR 97223



#### STATE OF WASHINGTON DEPARTMENT OF ECOLOGY PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

#### CERTIFIED MAIL 7008 2810 0001 3939 5217

March 17, 2009

Cascade Lease Company PO Box 61742 Vancouver, WA 98666

RE: Early Notice Letter Regarding the Release of Hazardous Substances at the 400 E Mill Plain Drywells (site name), located at 400 E Mill Plain Boulevard, Vancouver, Washington 98660. Facility Site Identification Number: 8223776

Under Chapter 70.105 Revised Code of Washington (RCW) the Department of Ecology (Ecology) is required to conduct an Initial Investigation, of properties where we have received a report that there has been a release or threatened release of hazardous substance that could pose a threat to human health or the environment.

Ecology maintains a list of sites where an initial investigation has found that further testing and possible cleanup is needed. We call this our "database of Confirmed or Suspected Contaminated Sites". As a result of the initial investigation conducted by the Clark County Health Department, this property has been added to the database as a State Cleanup Site. The Facility Site Identification number assigned to this site is 8223776. Please note that inclusion in this database does not mean Ecology has determined you liable for cleanup of the site, as that is a separate determination under the law.

This site has been added to our database because soil contaminated with Mercury has been confirmed on this property. Groundwater contamination is suspected. Our report indicates that three drywells were encountered during exaction activities and decommissioned on an expedited basis to minimize financial and schedule impacts during construction. It is believed that these drywells were installed prior to construction of the Denny's Restaurant which is being replaced with new construction on site. Samples were collected for laboratory analysis. Mercury contamination has been confirmed in two of the wells above MTCA Method A Cleanup Levels. Our report indicates that construction has progressed considerably since the drywalls were assessed and several large footings have been constructed above the subject area. The purpose of the initial investigation is to confirm or deny the possibility of contamination on site. Cascade Lease Company March 17, 2009 Page 2 of 2

In the future, Ecology may conduct a more detailed inspection of this property including testing for possible contamination. This inspection is called a "Site Hazard Assessment". At that time, Ecology will assess whether action will be needed and if necessary establish a priority for the work.

Ecology's policy is to work cooperatively with individuals to accomplish prompt and effective cleanups. Your cooperation with Ecology in planning or conducting a remedial action is not an admission of guilt or liability. Please be aware of state laws that must be adhered to if you decide to proceed with cleanup work on your own. The primary law is Chapter 70.105D RCW and the implementing regulations, the Model Toxics Control Act Cleanup Regulation (MTCA or Chapter 173-340 WAC). These laws can be found at Ecology's Toxics Cleanup Program website, <u>http://www.ecy.wa.gov/toxicscleanup/policy</u>.

If you would like a printed copy of the MTCA regulations or if you have questions call me at (360) 407-6240. These rules and how they impact each site can be confusing and complicated. There are Environmental Consultants that can be employed to assist property owners with the cleanup and site assessment process.

Ecology's Voluntary Cleanup Program is designed to provide technical assistance, for a fee, to cleanup sites that qualify. If you would like additional information regarding this program you can find information on our website at

http://www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm or you can contact Scott Rose at 360-407-6347.

Sincerely,

un Cross

Kim Cross Toxics Cleanup Program Southwest Regional Office

ksc:ENL 031709 400 E Mill Plain Drywell Vancouver

cc:

Bryan DeDoncker, Clark County Health Department Cris Matthews, Department of Ecology



### STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

July 7, 2010

RECEIVED

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Cascade Lease Company PO Box 61742 Vancouver, WA 98666

#### RE: Site Hazard Assessment Completion Ecology Facility Site ID: 8223776

Clark County Public Health (CCPH) has completed a Site Hazard Assessment (SHA) of the **400 E Mill Plain Drywells site**, 400 East Mill Plain Boulevard in Vancouver. The action by CCPH was under the authority of the Washington State Department of Ecology (Ecology) as required by the Model Toxics Control Act (Chapter 70.105D RCW).

Based on this work, a hazard ranking of  $\underline{3}$  has been assigned to this site. The hazard ranking is an estimation of the potential threat to human health and/or the environment, relative to all other Washington State sites assessed at this time. The ranking scale is 1 to 5, with 1 representing the highest relative risk and 5 the lowest relative risk.

Ecology will publish the ranking of this and other recently assessed sites in the August 2010 Site Register Special Issue (Hazardous Sites List). The site hazard ranking will be used in conjunction with other site-specific considerations in determining Ecology's priority for future actions.

Please contact Bryan DeDoncker with CCPH at (360) 397-8153 if you have any questions regarding the SHA of this site. If you have questions about the ranking process, or further activities at the site related to this listing, please call me at (360) 407-6388.

Sincerely,

latt l

Cris Matthews Toxics Cleanup Program Washington State Department of Ecology

CM/ksc:Mill Plain Drywells draft final rank letter

By certified mail: (7009 2820 0001 7160 8982)

cc: Bryan DeDoncker, CCPH