SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation: Wireless Communications Facility Removal and Relocation

23 CFR §771.129 Washington State Department of Transportation/Federal Highway Administration

REGION/MODE	SR	PROJECT PROGRAM#	FEDERAL AID #	PROJECT#	
ESO Mega Projects	520	852004B		U52004B	

PROJECT TITLE, ENVIRONMENTAL DOCUMENT TYPE & DATE APPROVED:

- 1) SR 520, I-5 to Medina: Bridge Replacement and HOV Project Final Environmental Impact Statement (EIS), approved by FHWA and WSDOT on May 26, 2011.
- SR 520, I-5 to Medina: Bridge Replacement and HOV Project Record of Decision (ROD), approved by FHWA and WSDOT on August 4, 2011.
- 3) SR 520, I-5 to Medina: Bridge Replacement and HOV Project SEPA Addendum (Public Place Designation), approved by WSDOT on October 3, 2011.
- 4) SR 520, I-5 to Medina: Bridge Replacement and HOV Project SEPA Addendum (Floating Bridge and Landings), approved by WSDOT on November 18, 2011.
- SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation (Kenmore Yard), approved by FHWA and WSDOT on December 8, 2011.
- 6) SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA Environmental Reevaluation (Floating Bridge and Landings), approved by FHWA and WSDOT on January 25, 2012.
- 7) SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation (Kenmore Yard Update), approved by FHWA and WSDOT on July 16, 2012.
- 8) SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation (Floating Bridge and Landings Proposed Final Design Features), approved by FHWA and WSDOT on October 22, 2012.
- 9) SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation (Temporary Westside Over-water Staging Area), approved by FHWA and WSDOT on February 1, 2013.
- 10) SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation (West Connection Bridge), approved by FHWA and WSDOT on February 1, 2013.
- 11) SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation (Floating Bridge Demolition), approved by FHWA and WSDOT on April 20, 2016.
- 12) SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation: West Approach Bridge South and Montlake Lid Design Refinements, approved by FHWA and WSDOT on October 31, 2016
- 13) SR 520, I-5 to Medina: Bridge Replacement and HOV Project NEPA/SEPA Environmental Reevaluation: Montlake Market Closure and Demolition, approved by FHWA and WSDOT on July 18, 2018.

REASON FOR CONSULTATION:

In this reevaluation, FHWA and WSDOT are evaluating the proposal to remove wireless communications facilities serving AT&T, Sprint, T-Mobile, and Verizon from the Montlake 76 Service Station and Montlake Boulevard Market property and replace the service provided at a temporary site for the duration of SR 520, I-5 to Medina construction. The replacement site would be along Lake Washington Boulevard East near East Miller Street and 26th Avenue East. FHWA and WSDOT are evaluating how the proposal would affect the natural and built environment and whether those effects differ from the effects described in the Final EIS, Record of Decision (ROD), and subsequent environmental reevaluations and memoranda.

DESCRIPTION OF CHANGED CONDITIONS: (See Attachment 1 for more detailed description).

WSDOT has determined that wireless communications facilities collocated with the Montlake 76 Service Station and Montlake Boulevard Market property will need to be removed to complete construction of the Montlake Phase. A new temporary wireless communications facility will be constructed along Lake Washington Boulevard East near East Miller Street and 26th Avenue East for the duration of SR 520 construction to replace the service provided by the removed facilities.

HAVE ANY NEW OR REVISED LAWS OR REGULATIONS BEEN ISSUED SINCE APPROVAL OF THE LAST ENVIRONMENTAL DOCUMENT THAT AFFECT THIS PROJECT? YES () NO (x) (If yes explain, use additional sheets if necessary)

ENVIRONMENTAL DOCUMENT? (If yes, atta	ch a de	etailed	summa	ary addressing the impacts and mitigation)	
	YES	NO			YES	NO
1) THREATENED or ENDANGERED SPECIES	()	(x)	5)	HAZARDOUS WASTE SITES	()	(x)
2) PRIME and UNIQUE FARMLAND	()	(x)		HISTORIC or ARCHAEOLOGICAL SITES	()	(x)
3) WETLANDS	()	(x)	,	4 (f) LANDS	()	(x)
4) FLOODPLAINS	()	(x)		6 (f) LANDS	()	(x)
1) 1200512/11/10	()	(A)	0)		()	(A)
WILL THESE CHANGES RESULT IN ANY CO	ONTRO	OVERS	SY? YE	S(x) NO () (If yes explain)		_
As described in the October 2016 Environmental from interested parties regarding the acquisition Market are located. One of the potential issues coverage from the removal of wireless communithese facilities, as described below in Attachme of service coverage.	of the raised ication	prope is the facili	erty who loss of ties on	ere the Montlake 76 Service Station and M wireless phone and data service, and eme the property. The action to temporarily r	Montlake Bo ergency 911 s emove and r	ulevard service eplace
WILL THESE CHANGES CAUSE ADVERSE IMPACT	S IN TH	IE FOL	LOWIN	G AREAS: (If yes, address comments below)		
		YES	NO		YES	NO
1) AIR QUALITY		()	(x)	7) WATER QUALITY	()	(x)
2) NOISE		()	(x)	8) VISUAL QUALITY	()	(x)
3) LAND USE		()	(x)	9) NATURAL RESOURCES and ENERGY	()	(x)
4) TRAFFIC or TRANSPORTATION		()	(x)	10) PUBLIC SERVICES and UTILITIES	()	(x)
5) DISPLACEMENT		()	(x)	11) VEGETATION and WILDLIFE	()	(x)
(business or residence)		` '	. ,	12) RECREATION	()	(x)
6) ECONOMIC GROWTH and DEVELOPMENT	,	()	(x)	13) SOCIAL IMPACTS	()	(x)
COMMENTS: The relocation of the wireless communication National Environmental Policy Act (NEPA). Substantially change the overall impacts that w form. None of the previously identified enviroidentified. CONCLUSIONS and/ or RECOMMENDATION Changes as noted above would not result in neand HOV Project remains compliant with current National Environmental Policy Act (NEPA) at document, along with supporting information, from these changes since the Final EIS was approximated.	ONS: w significant feddend Stated demon	ocatio cussec al com ificant eral, si e Envi	n of the d in the nmitme a advers tate, loc ronmer s that th	e facilities as considered in this reevaluati previously prepared project documents lints would change as a result of the design see effects. The SR 520, I-5 to Medina: Breat, and departmental regulations and directal Policy Act (SEPA) processes. This refere would be no new significant adverse	on does not isted at the to refinements ridge Replace ectives with reevaluation effects result	ement egard to
I concur with the conclusions and recommendate Region / Mode Official	ations a	above		FHWA Official		
Date				Date		

WILL THE CHANGED CONDITIONS AFFECT THE FOLLOWING DIFFERENTLY THAN DESCRIBED IN THE ORIGINAL

Attachment 1

Description of Changed Conditions and Effects

Environmental Reevaluation/Consultation Form for

SR 520, I-5 to Medina: Bridge Replacement and HOV Project

Final Environmental Impact Statement, approved May 26, 2011; Record of Decision, approved August 4, 2011;

SEPA Addendum: Public Place Designation, approved October 3, 2011; SEPA Addendum: Floating Bridge and Landings, approved November 18, 2011; NEPA/SEPA Environmental Reevaluation: Kenmore Yard, approved December 8, 2011; NEPA Environmental Reevaluation: Floating Bridge and Landings, approved January 25, 2012; NEPA/SEPA Environmental Reevaluation: Temporary Westside Over-water Staging Area,

approved February 1, 2013;
NEPA/SEPA Environmental Reevaluation: West Connection Bridge, approved February 1, 2013;

NEPA/SEPA Environmental Reevaluation: Floating Bridge Demolition, approved April 20, 2016; NEPA/SEPA Environmental Reevaluation: West Approach Bridge South and Montlake Lid Design Refinements, approved by FHWA and WSDOT on October 31, 2016; and NEPA/SEPA Environmental Reevaluation: Montlake Market Closure and Demolition, approved by FHWA and WSDOT on July 18, 2018.

The purpose of this reevaluation is to document compliance with National Environmental Policy Act (NEPA), State Environmental Policy Act (SEPA), and other applicable laws for the SR 520, I-5 to Medina: Bridge Replacement and HOV Project (project) associated with the relocation of wireless services and placement of wireless communications facilities, and to evaluate if any changed conditions would cause environmental impacts that are significant and not evaluated in the Final EIS (23 CFR 771.129; 23 CFR §771.130(b)(1)). This reevaluation describes how the new temporary wireless facilities would affect the natural and built environment and whether those effects differ from the effects described in the Final EIS, ROD, and subsequent environmental reevaluations and memoranda.

Description of Changed Conditions

WSDOT has determined that the wireless communications facilities collocated with the Montlake 76 Service Station and Montlake Boulevard Market property will need to be removed to complete construction of the SR 520 Montlake Phase. To allow continued service, including 911 emergency services, and to minimize disruption to the Montlake community and surrounding neighborhoods, a new temporary wireless communications facility will be constructed on the WSDOT Peninsula, along Lake Washington Boulevard East near East Miller Street and 26th Avenue East (Exhibit 1) for the duration of SR 520, I-5 to Medina construction. The temporary facility will be located in WSDOT-owned right of way directly adjacent to an existing staging area for SR 520 Program construction. WSDOT has existing commitments, as well as an agreement with the Arboretum and Botanical Garden Committee, regarding design and construction of park improvements for the WSDOT Peninsula. The wireless communications facility will need to be removed from its temporary location by the service providers upon completion of SR 520, I-5 to Medina construction. Prior to completion of SR 520 construction, WSDOT will consult with service providers to identify suitable

alternate sites for wireless communications facilities to move within state-owned highway right of way. The existing wireless communications facilities will be removed as part of the acquisition, displacement, and demolition activities evaluated in the 2016 West Approach Bridge South and Montlake Lid Design Refinements Reevaluation and 2018 Montlake Boulevard Market Closure and Demolition Reevaluation. The activities addressed in the prior reevaluations will not be discussed further in this reevaluation.

The proposed temporary wireless communications facility would occupy a 45 foot by 55 foot site to the south of the existing WSDOT construction staging and parking lot along Lake Washington Boulevard East. The proposed facility would include a 125 foot tall "mono-fir" that would resemble a fir tree to blend into the surrounding vegetation. The footprint (supporting foundation) of the "mono-fir" would be about 8 feet by 8 feet. The rest of the site would be used for electronic equipment associated with supporting the wireless networks. The site would be enclosed by an approximately 40 foot by 50 foot 10-foot tall concrete wall and surrounded by vegetative screening on the west, south, and east sides, which are visible to the public.

Analysis of Changed Conditions and Effects

For this reevaluation, FHWA and WSDOT evaluated the construction and operation of the new temporary wireless communications facility, changes to the affected environment, and potential changes to the environmental effects described in the Final EIS. FHWA and WSDOT concluded that no new significant adverse effects, beyond those described in the Final EIS and ROD, would result from the changed conditions. Changes pertaining to specific resources that have the potential to be affected are described below.

Water Resources

The proposed construction and operation of the temporary wireless communications facility would not result in new adverse impacts on water resources. Construction activities would not directly impact any surface water features at the proposed project site. To minimize impacts on water quality, runoff from the construction site into nearby water bodies would be controlled through the implementation of construction best management practices (BMPs) such controlling erosion at the site using silt fencing and using hay bales to minimize materials entering stormwater drains. The impacts and BMPs described in Section 5.10 of the 2011 Final EIS would not change.

Ecosystems

The proposed construction and operation of the temporary wireless communications facility would not result in new adverse impacts on ecosystems. The site is previously-disturbed and mowed regularly. The site is located outside of identified habitat, wetland and shoreline protection areas. Construction activities would not remove any terrestrial wildlife habitat. During construction, to minimize potential impacts to fish, runoff from the construction site into nearby water bodies would be controlled through the implementation of construction best management practices (BMPs) such as controlling erosion at the site using silt fencing and using hay bales to minimize materials entering stormwater drains. The impacts and BMPs described in Section 5.11 of the 2011 Final EIS would not change.

Transportation

The proposed construction and operation of the temporary wireless communications facility is not anticipated to adversely impact nearby traffic levels. During construction, there would be a temporary increase in traffic to and from the construction site. The Final EIS considered Lake Washington Boulevard East as a potential haul route with, on average, 30 daily trucks during construction. Construction haul trips for the temporary wireless communications facility would be within this previously analyzed level. Therefore, the impacts described in Section 6.1 of the 2011 Final EIS would not change. Operation of the temporary wireless communications facility would not generate traffic aside from occasional maintenance; therefore, no impacts are anticipated.

Land Use

The proposed site for the temporary wireless communications facility is located within the WSDOT right of way and was analyzed in the Final EIS as a construction staging area. Since the site is located within the WSDOT right of way and was previously considered as a staging area, the use of the site for the temporary wireless communications facility would be compatible with current uses and would not result in any new impacts. The temporary wireless communication facility will meet administrative conditional use permit requirements from the City of Seattle and comply with any conditions attached to the permit decision.

As part of the reevaluation, WSDOT reviewed the City of Seattle critical area ordinance and folios. Steep slope and peat settlement hazards are identified in the site vicinity. The mapped steep slope is associated with highway embankment for non-abandoned SR 520 ramps, which will be removed as part of the SR 520 I-5 to Medina project. The geotechnical investigation did not identify peat soils at the location of the wireless communication facility foundation and the design and construction of the facility would be compatible with the existing soils and would not cause subsidence to nearby properties.

Cultural Resources

The temporary wireless communications facility relocation site is within the previously consulted upon Area of Potential Effects, but requires consultation to expand the limits of construction. As documented in Exhibit 2, the site is within the boundary of the National Register of Historic Places (NRHP)-eligible Washington Park Arboretum and adjacent to the following additional National Register of Historic Places (NRHP)-eligible historic properties: Lake Washington Boulevard, the Montlake Historic District, and individual contributing elements to the historic district.

While this proposed temporary wireless communications facility will slightly alter the integrity of setting for Lake Washington Boulevard and the Arboretum, the change would not be such that they would no longer retain sufficient integrity to convey their historic significances. The following underscore the minimal effect the "mono-fir" would have on the setting:

• The area where the "mono-fir" would be visible is very small compared to the total area that contributes to integrity of setting for Lake Washington Boulevard and the

- Arboretum, thus the overall alteration to setting is minor. Substantial tree cover, level topography, and residential development to the west affect "mono-fir" visibility.
- The installation is temporary, thus the setting will not be permanently altered by the temporary wireless communications facility.
- As shown in the attached visual simulation (Exhibit 3), the "mono-fir" has a screening effect and will also be screened by other trees and will not be visible from most locations within the historic boundaries of either resource.

Within the context of Section 106, the perceived change to the setting, as observed from Lake Washington Boulevard and Washington Park Arboretum, would be minimal. Therefore, relocation of the wireless communications facilities would not constitute an adverse effect to Lake Washington Boulevard or the Washington Park Arboretum.

Similarly, the temporary relocation of the wireless communications facilities would alter the integrity of setting for only a small area of the Montlake Historic District relative to the overall integrity of setting for the historic resource as a whole. The existing 60-foot tall monopole and rooftop mounted facilities, which are located adjacent to and on top of the Montlake Market (2605–22nd Avenue E) are within the boundaries of the Montlake Historic District. The existing site has no screening and the facilities are clearly visible to multiple contributing properties around the intersection. In contrast, the temporary wireless communications facility installation described here will be outside of the district and, given the "mono-fir" design and adjacent large trees, will blend in with the surrounding landscape. Most contributing properties to the district will not have a clear view of the "mono-fir" due to surrounding trees and other properties. Therefore, together with retained integrity of location, design, materials, workmanship, feeling, and association, the district would retain sufficient integrity of setting to convey its historic significance and relocation of the wireless communications facilities would not represent an adverse effect to the district.

The "mono-fir" will be adjacent to and within the viewsheds of only four of the 1,242 total contributing resources to the district: 2467 26th Avenue E, 2463 26th Avenue E, 2457 26th Avenue E, and 2451 26th Avenue E. Of these four, only 2451 26th Avenue is individually eligible for the NRHP. Therefore, individual consideration of impact to setting is merited only for 2451 26th Avenue E. The primary façade of 2451 26th Avenue E. is not oriented toward the wireless communications facility temporary relocation site. The peripheral view of the temporary relocation site from this property is obscured by large trees. As such, the impact to integrity of setting for this individually eligible property is minimal. Therefore, together with retained integrity of location, design, materials, workmanship, feeling, and association, the residence at 2451 26th Avenue E. would retain sufficient integrity of setting to convey its historic significance and relocation of the wireless communications facilities would not represent an adverse effect to the property.

Based on this analysis, the temporary wireless communications facility installation within the expanded limits of construction line has been determined to have no adverse effect to historic properties. WSDOT consulted with the Department of Archaeology and Historic Preservation (DAHP), the US Army Corps of Engineers, King County Historic Preservation Program, Friends of Seattle's Olmsted Parks, Montlake Community Club, and the Arboretum and

Botanical Garden Committee, as well as the five consulting tribes. DAHP concurrence was received on July 13, 2018.

The temporary wireless communications facility will be installed in an area previously reviewed and identified as sensitive for archaeological resources. Any ground disturbing work associated with this activity will be subject to archaeological monitoring commitments as outlined in the SR 520: I-5 to Medina Archaeological Treatment Plan.

Section 4(f) Resources

The site is within the boundary of the Washington Park Arboretum National Register of Historic Places (NRHP)-eligible historic property. Construction of the temporary wireless communications facility is limited to WSDOT right of way currently used for construction staging and will not involve use of any other Section 4(f) properties. Based on this being a temporary facility, its location in a non-contributing portion of the historic property, and DAHP concurrence that the temporary "mono-fir" would not have an adverse effect, FHWA and WSDOT have determined that the wireless communication facility would have a *de minimis* impact to the property (Exhibit 7). Other impacts to Section 4(f) properties described in Chapter 9 of the 2011 Final EIS would not change.

Section 6(f) Resources

No Section 6(f) resources would be affected by the construction and operation of the temporary wireless communications facility. Therefore, the impacts as described in Chapter 10 of the 2011 Final EIS would not change.

Recreation

No recreational resources would be affected by the construction and operation of the temporary wireless communications facility. Therefore, the impacts as described in Section 5.4 of the 2011 Final EIS would not change.

Visual Resources

No new significant adverse impacts to visual resources are expected from construction and operation of the temporary wireless communications facility. As documented in Exhibit 3, the proposed temporary wireless communications facility would be visible from nearby properties; however, it would be a "mono-fir" that would resemble a fir tree to blend into the surrounding vegetation. The site would be enclosed with an approximately 10-foot tall concrete wall and vegetative screening would be planted around the west, south, and east sides of the site to blend with the surrounding area. The north side of the site faces into WSDOT's existing staging area for SR 520 Program construction. While both the "mono-fir" and the perimeter wall would be visible from nearby areas, the temporary wireless communications facility would result in minimal changes to the surrounding viewshed as the "mono-fir" camouflaged as a fir tree is designed to blend in with surrounding trees and vegetation. The impacts, as described in Section 6.5 of the 2011 Final EIS, would not change.

Noise and Vibration

Construction of the temporary wireless communications facility would occur during daytime hours and meet City of Seattle noise regulations. As outlined in Section 6.7 of the 2011 Final EIS, noise abatement measures that could be implemented to limit the effects of construction include requiring mufflers, installing temporary or portable acoustic barriers, shutting off idling

equipment, and notifying nearby residents and institutions when noisy work would be occurring.

Operations noise would be primarily from fans in equipment cabinets at the site. As outlined in Exhibit 4, the calculated noise level at the nearest residential property for simultaneous operation of all of the fans in the equipment cabinets would be 43 dBA. This would meet the City's most restrictive limit of 55 dBA during daytime hours and 45 dBA during nighttime hours. The operation of the temporary wireless communications facility would not produce vibration.

Air Quality

Construction of the temporary wireless communications facility could generate dust. Construction vehicles, worker vehicles, and diesel fuel-fired construction equipment would generate emissions. Fugitive dust may become airborne during material transport, grading, driving of vehicles and machinery on and off the site, and through wind events. Construction will comply with the procedures outlined in the Memorandum of Agreement between WSDOT and the Puget Sound Clean Air Agency (PSCAA) for controlling fugitive dust (WSDOT 2004).

Traffic operations in the project area would not change substantially as a result of construction. Section 6.8 of the 2011 Final EIS found that the project would not result in exceedances of the National Ambient Air Quality Standards (NAAQS). That determination would still apply and the project would continue to be included in the current conforming plan; therefore, no new conformity determination is required. The Final EIS determination that there would not be an adverse effect to air quality would continue to be valid.

Environmental Justice

Section 5.3 of the 2011 Final EIS did not identify any low-income or minority population concentrations in the Montlake neighborhood. Therefore, the construction and operation of the temporary wireless communications facility would not have a high and disproportionate impact on any low-income or minority populations. The environmental justice determination as described in the Final EIS would not change.

Hazardous Materials

As outlined in Exhibit 5, a Phase 1 Environmental Site Assessment of the site was conducted and did not reveal any evidence of Recognized Environmental Conditions (RECs) and concluded that no further investigation of the site is warranted. The construction and operation of the site would not generate any hazardous materials. No hazardous materials would be stored on site. Therefore, no impacts from hazardous materials are anticipated.

Navigation

The construction and operation of the temporary wireless communications facility would not impact navigation. The impacts as described in Section 5.14 of the 2011 Final EIS would not change.

Social Elements

Wireless communication and data service coverage, including emergency response, would be able to be maintained throughout the Montlake community during construction. The service provided by the existing wireless communications facilities located on and around the

Montlake Boulevard Market building would be able to be maintained until the new temporary wireless communications facility is operational and covering the service area now dependent on the antennas located on and around the Montlake Boulevard Market building. No impacts are anticipated.

As outlined in Exhibit 6, WSDOT reviewed the service provider's analysis of whether the proposed temporary wireless communications facility would be in compliance with Federal Communication Commission (FCC) Rules and Regulations for human exposure to Radio Frequency (RF) electromagnetic fields. The FCC regulates occupational and general public exposure. Section 333(c)(7) of the Communications Act limits state and local authority to regulate the placement, construction, and modification of wireless service facilities on the basis of the environmental effects of radio frequency emissions if the facility is in compliance with FCC regulations. WSDOT has concluded that the facility would be compliant with FCC rules and regulations. No impacts are anticipated from exposure to electromagnetic fields.

Conclusion

The construction and operation of the temporary wireless communications facility will not result in additional significant adverse effects beyond those described in the Final EIS, ROD, and subsequent Environmental Reevaluations and technical memoranda. The project remains compliant with current federal, state, local, and departmental regulations and directives with regard to NEPA/SEPA processes, Section 106 and 4(f), and ESA. In accordance with 23 CFR §771.130(b)(1), the changes would not necessitate a supplemental EIS.

Exhibits

- 1. Temporary Wireless Communications Facility Project Details
- 2. Washington Department of Archaeology and Historic Preservation Correspondence
- 3. Photosimulations
- 4. Noise Evaluation
- 5. Phase 1 ESA
- 6. Radio Frequency Evaluation
- 7. Section 4(f) *de minimis* impact documentation for the Washington Park Arboretum historic property

Exhibit 1

Temporary Wireless Communications Facility Project Details

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO PROPOSE AN INSTALLATION OF A TEMPORARY REPLACEMENT DISGUISED WIRELESS COMMUNICATION FACILITY. THE PROPOSED TEMPORARY REPLACEMENT SITE WILL BE A NEW 120' TOWER DISGUISED AS A FAUX PINE TREE. THIS SITE WILL BE A FOUR CARRIER STRUCTURE WITH THREE 12' X 20' EQUIPMENT AREAS AND ONE 15'X20' EQUIPMENT AREA FOR THE CARRIERS. THE NEW TOWER AND EQUIPMENT AREAS WILL BE ENCLOSED WITHIN A 55' X 45' LEASE AREA.



PROJECT SCOPE: RELOCATE EXISTING SITE **SITE NAME: MONTLAKE RELO (NORTH)** SITE NUMBER: 830884 **CONSTRUCTION DRAWINGS**



2450 LAKE WASHINGTON BLVD E SEATTLE, WA 98112 ZONING DISTRICT:

47' 38' 29,38"

122" 17' 53.65"

CITY OF SEATTLE

TITLE SHEET

TITLE

OVERALL

NOTES

SITE DETAIL

GENERAL NOTES

OVERALL SITE PLAN

LANDSCAPE PLAN

LANDSCAPE NOTES

GROUNDING DETAILS

GROUNDING DETAILS

STRUCTURAL DETAILS

STRUCTURAL DETAILS

ENLARGED EQUIPMENT LAYOUT

NORTH & SOUTH ELEVATION

ANTENNA CONFIGURATIONS

SCHEMATIC GROUNDING PLAN

GROUND EQUIPMENT DETAILS

EAST & WEST ELEVATIONS

SITE ADDRESS:

LATITUDE:

LONGITUDE:

JURISDICTION

--830884-T-1

---830884-LS-1

--830884-LS-2

--830884-LS-3

---830884-Δ-1

--830884-A-2

-830884-A-3

-830884-A-4

--830884-A-5

--830884-LS-1

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---830884-G-2

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--830884-S-1

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-830884-LS-4

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NEW USE:

CONSTRUCTION TYPE:

DRAWING INDEX

UNMANNED TELECOMMUNICATIONS FACILITY II-B

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VICINITY MAP

HEAD SOUTHEAST ON AIRPORT EXPRESSWAY TOWARD DEPARTURES OR 56 FT, USE THE LEFT LANE TO KEEP LEFT 0.1 MI. KEEP LEFT 0.5 MI. SLIGHT LEFT ONTO AIRPORT EXPRESSWAY 0.8 MI, KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR WA-518 E/INTERSTATE 5/INTERSTATE 405 AND MERGE ONTO WA-518 E 1.5 MI, USE THE LEFT

DIRECTIONS SEA-TAC INTI. AIRPORT (17801 INTERNATIONAL BLVD. SEATTLE, WA 98158):

LAME TO TAKE THE INTERSTATE 5 N EXIT TOWARD SCATTLE 0.6 MI, MERGE ONTO 1-5 N
2.5 MI, TAKE EXIT 157 FOR ML KING WAY 0.4 MI, MERGE ONTO MARTIN LUTHER KING JR
WAY S 8.4 MI, TURN RIGHT ONTO E MADISON ST 0.3 MI, TURN LEFT ONTO LAKE
WASHINGTON BLVD E 1.3 MI, SITE WILL BE ON THE RIGHT SIDE OF THE ROAD.

BUILDING CODE:

[INTERNATIONAL BUILDING CODE (IBC), 2015 AS ADOPTED BY THE LOCAL JURISDICTION]

APPLICABLE BLDG. CODES AND STANDARDS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND

LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

ELECTRICAL CODE:
[NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2007, NATIONAL ELECTRICAL CODE, 2014 AS ADOPTED BY THE LOCAL JURISDICTION]

LIGHTNING PROTECTION CODE: [NFPA 780 - 2002, LIGHTNING PROTECTION CODE]

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS, AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANIJAL OF STEEL CONSTRUCTION, ASD, THAT ESTEL CONSTRUCTION, ASD, THAT

TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT

IEEE C2 NATIONAL ELECTRIC SAFETY CODE, LATEST VERSION

TELCORDIA GR-1275, GENERAL INSTALLATION REQUIREMENTS

ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

Parking Area E12 -E Shelby St Marsh island East Montlake Foster Island E Hamlin St Park E Roanoke St WSDOT MONTLAKE 書 E Miller St Broadmoo UW Botanic

SITE PROJECT PARTICIPANTS

NAME COMPANY NUMBER **CHRIS WOLFE** WYCO FIELD SERVICES, LLC 602-281-0223 ZONING CONSULTANT BILL NORTH **NORTH GROUP** 425-976-2909 DAVID YOON W.S. D.O.T. 360-705-7301 PROJECT MANAGER KASHEIK McGEE **CROWN CASTLE** 602-845-1748 CONSTRUCTION MANAGER ADAMS GLENN **CROWN CASTLE** 509-741-0568

DIG INFO

CALL WASHINGTON ONE CALL (800) 424-5555 CALL 3 WORKING DAYS BEFORE YOU DIG!



SCALING DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME.

IF USING 11"x17" PLOT, DRAWINGS WILL BE AT HALF SCALE.

CROWN CASTLE 2055 S STEARMAN DR CHANDLER, AZ 85225



2227 W. PECOS ROAD. SUITE 4, CHANDLER AZ 85224

ADDRESS 2450 LAKE WASHINGTON BLVD E SEATTLE, WA 98112

SITE NUMBER 830884

SITE NAME MONTLAKE RELO (NORTH)

	CHECKED BY: CW APPROVED BY: CW	DESCRIPTION	PRELIMINARY CONSTRUCTION DRAWINGS	CLIENT COMMENTS	STRUCUTRAL DETAILS	TREE SURVEY UPDATE		
	DRAWN BY: CW	DATE	06/07/18	06/21/18	07/25/18	08/07/18		
S	DRAW	Æ	V	В	0	٥		

SHEET TITLE

TITLE SHEET

SHEET NUMBER T-1

GENERAL NOTES:

- FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY: CONTRACTOR SMARTLINK, LLC
 - SUBCONTRACTOR GENERAL CONTRACTOR (CONSTRUCTION) OWNER - AT&T MOBILITY

 OEM - ORIGINAL EQUIPMENT MANUFACTURE
- 2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL WIST THE CELL SITE TO AMILIARZE HEMSELYES WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWNINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBGOINTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- 4. LINLESS NOTED OTHERWISE THE WORK SHALL INCLUDE FURNISHING MATERIALS. FOLIPMENT APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON
- 5. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE
- 6 IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS. THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE
- SUBCONTRACTOR SHALL DETERMINE ACTUAL ROLLTING OF CONDUIT POWER AND TI CABLES GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING.
 SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR. ROUTING OF TRENCHING SHALL BE APPROVED BY CONTRACTOR.
- 8. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
- SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OFF ALL SCRAP MATERIALS SUCH AS COAKALL CABLES AND OTHER TIEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- 10. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
- 11. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.
- 12. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS UNLESS OTHERWISE SPECIFIED. ALL CONCRETING WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.
- 13. ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH AISC SPECIFICATIONS.
- CONSTRUCTION SHALL COMPLY WITH SPECIFICATION 25741-000-3APS-AOOZ-00002. "GENERAL CONSTRUCTION SERVICES.
- 15. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK, ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- 16. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK MAY NEED TO BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS
- 17. SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.

ELECTRICAL INSTALLATION NOTES:

- 1. WIRING, RACEWAY, AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS
- SUBCONTRACTOR SHALL MODIFY EXISTING CABLE TRAY SYSTEM AS REQUIRED TO SUPPORT RF AND TRANSPORT CABLING TO THE NEW BTS EQUIPMENT. SUBCONTRACTOR SHALL SUBMIT MODIFICATIONS

ELECTRICAL INSTALLATION NOTES CONT .:

- 4. CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.
- 5. EACH END OF EVERY POWER GROLINDING AND T1 CONDUCTOR AND CARLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA, AND MATCH EXISTING INSTALLATION REQUIREMENTS.
- 6. POWER PHASE CONDUCTORS (I.E., HOTS) SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). PHASE CONDUCTOR COLOR CODES SHALL CONFORM WITH THE NEC & OSHA AND MATCH EXISTING INSTALLATION
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PLANELOAD AND
- PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
- ALL TIE WRAPS WHERE PERMITTED SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES. USE LOW PROFILES TIE WRAPS.
- 10. POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (12 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED,
- 11. SUPPLEMENTAL FOURMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (6 AWG OR LARGER), 600 V, OIL RESISTANT THINN OR THWN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM LISED LINEESS OTHERWISE SPECIFIED
- 12. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED OUTDOORS, OR BELOW GRADE, SHALL BE SINGLE CONDUCTOR 2 AWG SOLID TINNED COPPER CABLE, UNLESS OTHERWISE SPECIFIED.
- 13. POWER WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (12 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPÉCIFIED.
- 14. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO
- 15. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- 16. NEW RACEWAY OR CABLE TRAY WILL MATCH THE EXISTING INSTALLATION WHERE POSSIBLE.
- 17. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED
- 18 FLECTRICAL METALLIC TUBING (FMT) FLECTRICAL NONMETALLIC TUBING (FMT) OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
- GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
- 20. RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
- 21. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- 22. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION—TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
- 23. CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- 24. CABINETS, BOXES, AND WIREWAYS TO MATCH THE EXISTING INSTALLATION WHERE POSSIBLE,
- 25. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- 26. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS
- 3. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY
 27. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING;
 THE NEC AND TELCORDIA.

 28. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING;
 SHALL IMPET OR EXCEPT UL 514A AND NEMA OS 1: AND RAIFD NEMA 1 (OR BETTER) INDOORS. OR WEATHER SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.

ELECTRICAL INSTALLATION NOTES CONT.:

- 28. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED
- 29. THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION
- 30. THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY

GROUNDING NOTES:

- 1. THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM AND LIGHTNING PROTECTION SYSTEM (AS DESIGNED AND INSTALLED) FOR STRICT COMPLIANCE WITH THE NEC (AS ADOPTED BY THE AHJ), THE SITE—SPECIFIC (UL, LPI, OR NFPA) LIGHTING PROTECTION CODE, AND GENERAL COMPLIANCE WITH TELECORDIA AND TIA GROUNDING STANDARDS. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE FINDINGS TO THE CONTRACTOR FOR RESOLUTION.
- 2. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
- 3. THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR NEW GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS. TESTS SHALL BE PERFORMED IN ACCORDANCE WITH 25471-000-3PS-EG00-0001, DESIGN & TESTING OF FACILITY GROUNDING FOR CELL SITES.
- 4. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
- EACH BTS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR LARGER FOR INDOOR BTS; 2 AWG STRANDED COPPER FOR OUTDOOR BTS.
- 6. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS
- 7. APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS
- 8. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED WITH STAINLESS STEEL HARDWARE TO THE BRIDGE AND THE TOWER GROUND BAR.
- ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
- 10. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES. FRAMES AND
- 11. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH 6 AWG COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS
- 12. GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC PLASTIC CONDUIT SHALL BE USED, WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G., NON-METALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT
- 13. ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF ANSI/TIA 222. FOR TOWERS BEING BUILT TO REV G OF THE STANDARD, THE WIRE SIZE OF THE BURIED GROUND RING AND CONNECTIONS BETWEEN THE TOWER AND THE BURIED GROUND RING SHALL BE CHANGED FROM 2 AWG TO 2/O AWG. IN ADDITION,
 THE MINIMUM LENGTH OF THE GROUND RODS SHALL BE INCREASED FROM 8 FEET TO





2227 W. PECOS ROAD, SUITE 4. CHANDLER AZ 85224

ADDRESS 2450 LAKE WASHINGTON BLVD E SEATTLE, WA 98112

SITE NUMBER

SITE NAME MONTLAKE RELO (NORTH)

APPROVED BY: CW	:	DESCRIPTION	PRELIMINARY CONSTRUCTION DRAWINGS	CLIENT COMMENTS	STRUCUTRAL DETAILS	TREE SURVEY UPDATE		
CHECKED BY: CW	;	DES	PRELIMINARY CON	CLIENT	STRUCU	TREE SU		
DRAWN BY: CW		DATE	06/07/18	06/21/18	07/25/18	08/07/18		
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GENERAL NOTES

SHEET NUMBER

GN-1

GENERAL NOTES

SURVEYOR'S NOTES

- 1. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS ARE DEFINITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT ANY INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION, REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- BUILDING SETBACK LINES, ZONING, FLOOD AREA ZONES, AND ADDRESSES THAT MAY BE SHOWN ARE SUPPLIED BY THE GOVERNING AGENCY OR TAKEN FROM THE BEST AVAILABLE RECORDS. THE SURVEYOR WILL NOT ACCEPT RESPONSIBILITY FOR THE ACCURACY OF ANY INFORMATION SUPPLIED BY OTHERS.
- 3. THE DESCRIPTION OF PROPERTY BOUNDARIES AND EASEMENTS SHOWN HEREON, REPRESENT THAT INFORMATION PROVIDED ON A RECORD OF SURVEY RECORDED IN KING COUNTY, WASHINGTON, RECORDING NUMBER 2007/214900022. ANY INFORMATION SHOWN WHICH MAY VARY FROM THE CONTENTS OF RECORD OF SURVEY NOTED ABOVE, REPRESENTS INFORMATION AND MEASUREMENTS FOUND DURING THE COURSE OF THE SURVEY.
- 4. BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 (2011) COORDINATE SYSTEM WASHINGTON STATE PLANE COORDINATE NORTH ZONE, DETERMINED BY GPS OBSERVATIONS.
- 5. THIS PROJECT APPEARS TO BE LOCATED WITHINAN UNMAPPED AREA ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(S).
- 6. PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS 'GEOID 12B' MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY REAL TIME KINETIC (RTK) GPS DATA PROCESSED ON THE WASHINGTON STATE REFERENCE NETWORK (WSRN). ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NAVD88 DATUM.
- 7. THE PURPOSE OF THIS SURVEY IS TO ESTABLISH OR DETERMINE A CROWN CASTLE LEASE PARCEL & ASSOCIATED EASEMENTS. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION PROVIDED BY TITLE AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY. LEASE CORNERS WERE NOT FOUND OR SET AT THE TIME OF THE FIELD SURVEY. PER CROWN CASTLE REQUIREMENTS CORNERS WILL BE SET AT THE CLIENTS DISCRETION UPON FINAL APPROVAL OF THE SURVEY.





 $\frac{VICINITY\ MAP}{N\ T\ S}$

OVERALL DETAIL

SCALE: 1" = 100' (11" X 17")

1" = 50' (22" X 34")

LEGEND

P.O.T. POINT OF TERMINUS POINT OF COMMENCEMENT P.O.C. P.O.B. POINT OF BEGINNING CLF CHAIN LINK FENCE BWF BARBED FENCE WOOD FENCE WF CMU CONCRETE MASONRY UNIT UTIL UTILITY CAB CABINET GEN GENERATOR PLUG GPS GPS ANTENNA POSITION OF ***** GEODETIC COORDINATES - CHAIN LINK FENCE LIMITS OF LESSOR'S --- IFASE AREA ---- EASEMENT

POSITION OF GEODETIC COORDINATES LATITUDE 47' 38' 29.38" NORTH (NAD83) LONGITUDE 122' 17' 53.65" WEST (NAD83) GROUND ELEVATION @ 34.7' (NAVD88)

SURVEY DATE

02/16/2018

CERTIFICATION

ALL VISIBLE SITE RELATED IMPROVEMENTS ARE CONTAINED WITHIN THE OVERALL LEASE AREA.

CERTIFIED TO: CROWN CASTLE

PRELIMINARY

SCEAN A. RIPLEY, RLS #41296

CROWN CASTLE 2055 S STEARMAN DR CHANDLER, AZ 85225



4240 E ELWOOD ST PHOENIX, AZ 85040

PROPRIETARY INFORMATION
HE INFORMATION CONTAINED IN THIS SET
OF DRAWINGS IS PROPRIETARY &
CONFIDENTIAL TO CROWN CASTLE

ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO CROWN CASTLE IS STRICTLY PROHIBITED

SITE NAME MONTLAKE RELO (NORTH) B.U.N. 830884

SITE ADDRESS 2450 LAKE WASHINGTON BLVD E. SEATTLE, WA 98112

KING COUNTY

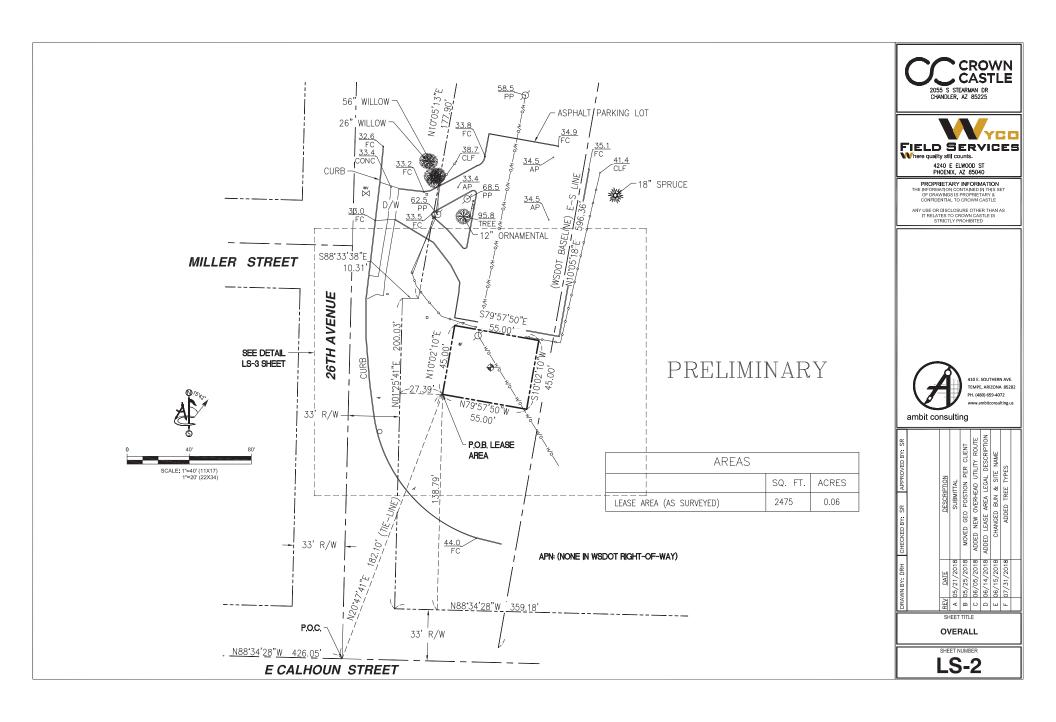


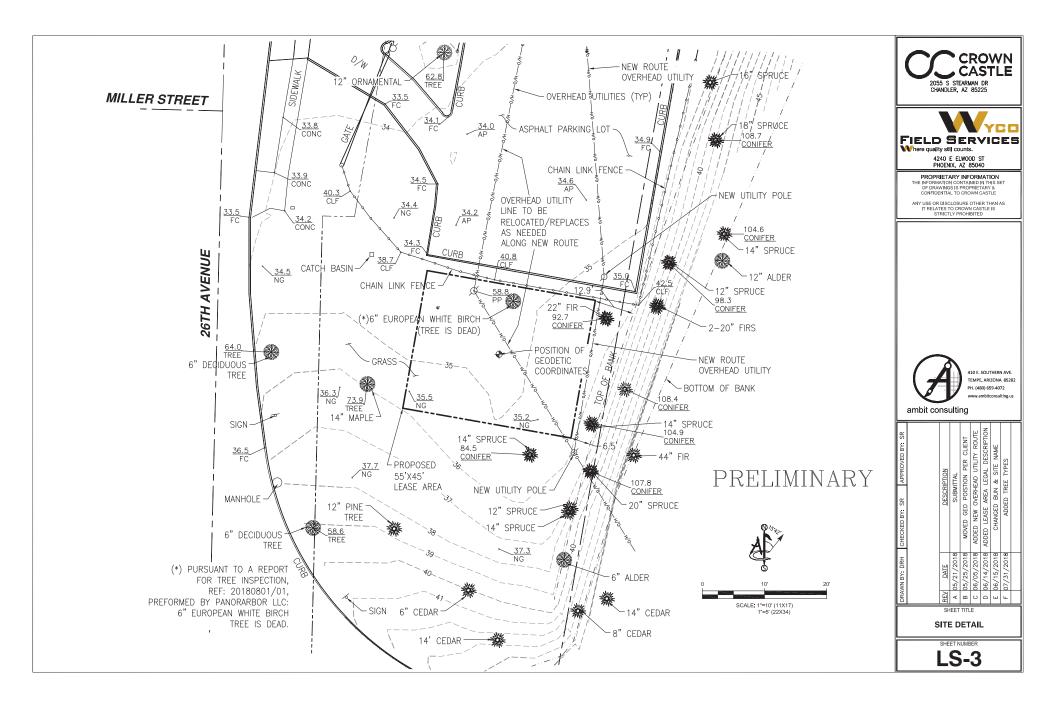
ambit consulting

TITLE

SHEET NUMBER

LS-1





PARENT PARCEL LEGAL DESCRIPTION

THE NORTH HALF OF SECTION 21, TOWNSHIP 25 NORTH, RANGE 4 EAST, W.M. BEING THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) RIGHT-OF-WAY OF SR 520 AS SHOWN ON A RECORD OF SURVEY RECORDED IN KING COUNTY, WASHINGTON, RECORDING NUMBER 20071214900022.

LEASE AREA LEGAL DESCRIPTION (AS SURVEYED)

A PORTION OF THE NORTH HALF OF SECTION 21, TOWNSHIP 25 NORTH, RANGE 4 EAST, W.M. BEING THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT), RIGHT-OF-WAY OF SR 520 AS SHOWN ON A RECORD OF SURVEY RECORDED IN KING COUNTY, WASHINGTON, RECORDING NUMBER 20071214900022, BEING DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 0.15' SQUARE BRASS DISK W/PUNCH AND "X" IN CONC IN MON CASE AT THE INTERSECTION OF 26TH AVENUE E. AND E. CALHOUN STREET FROM WHICH A FOUND A 3/8' BRASS PIN W/PUNCH IN CONC IN MON CASE BEARS NORTH 88'34'28" WEST, 426.05 FEET AND THENCE NORTH 01'26'10" EAST, 10.00 FEET:

THENCE FROM SAID COMMENCING POINT, NORTH 20'47'41" EAST, 182.10 FEET TO THE POINT OF BEGINNING:

THENCE NORTH 10'02'10" EAST, 45.00 FEET; THENCE SOUTH 79'57'50" EAST, 55.00 FEET;

THENCE SOUTH 10"02'10" WEST, 45.00 FEET;

THENCE NORTH 79°57'50" WEST, 55.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 2475 SQUARE FEET OR 0.06 MORE OR LESS.





4240 E ELWOOD ST PHOENIX, AZ 85040

PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS SET
OF DRAWINGS IS PROPRIETARY &
CONFIDENTIAL TO CROWN CASTLE

ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO CROWN CASTLE IS STRICTLY PROHIBITED



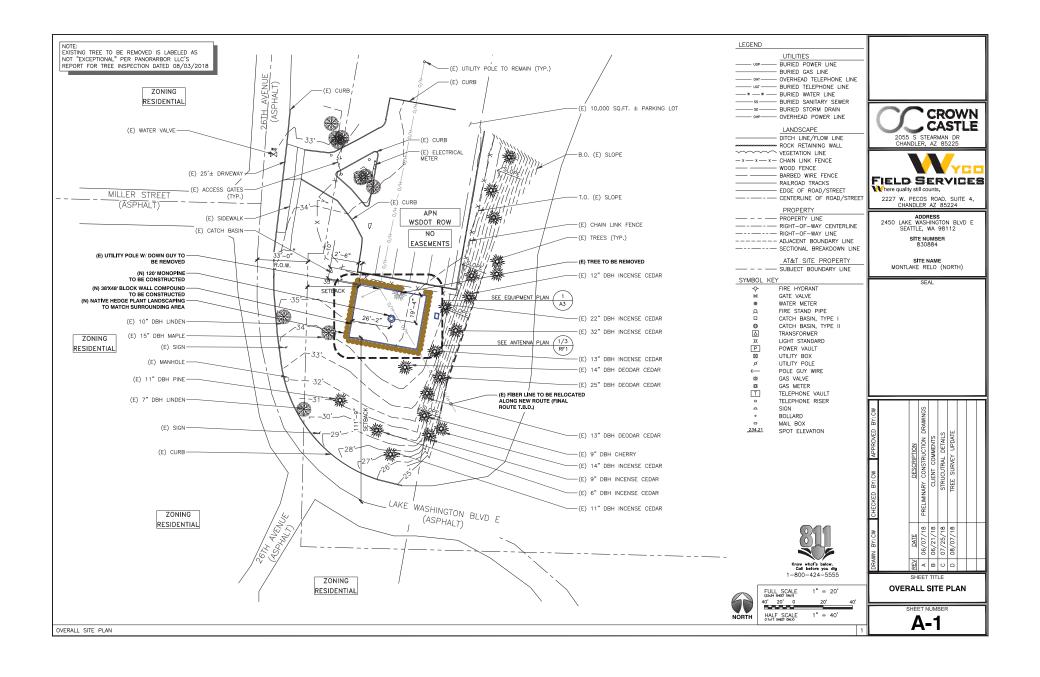
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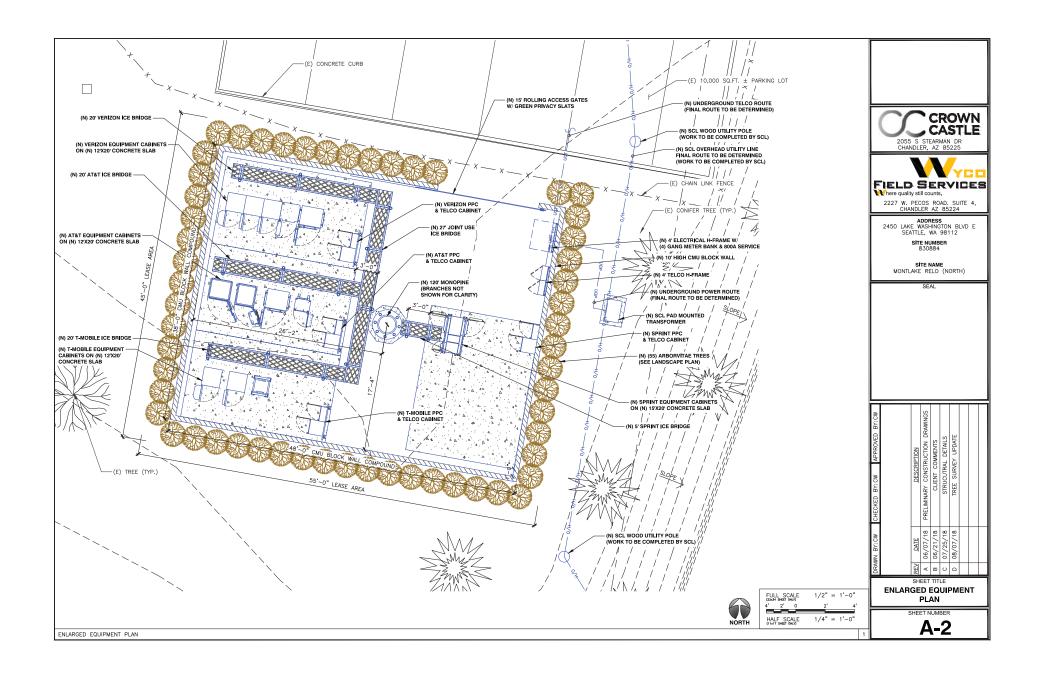
CHECKED BY: SR APPROVED BY: SR	DESCRIPTION	SUBMITTAL	MOVED GEO POISTION PER CLIENT	ADDED NEW OVERHEAD UTILITY ROUTE	ADDED LEASE AREA LEGAL DESCRIPTION	CHANGED BUN & SITE NAME	ADDED TREE TYPES	
DRAWN BY: DRH	DATE	05/21/2018	05/25/2018	06/05/2018	06/14/2018	06/15/2018	07/31/2018	
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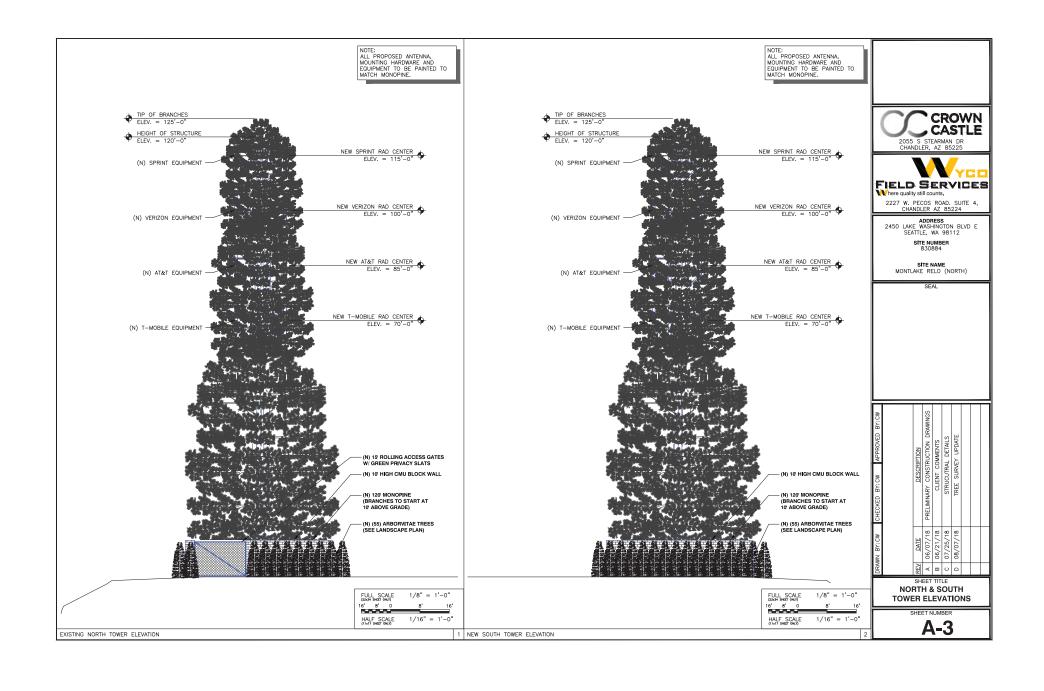
NOTES

SHEET NUMBER

LS-4







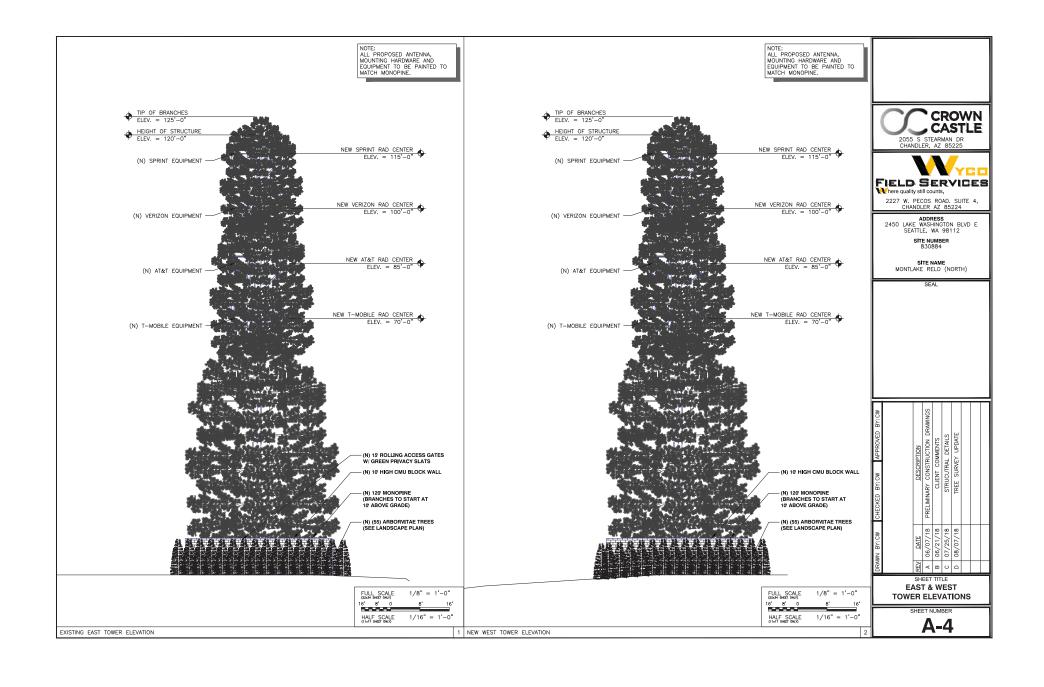


Exhibit 2

Washington Department of Archaeology and Historic Preservation Correspondence



SR 520 Bridge Replacement and HOV Program 999 3rd Avenue, Ste. 2200, MS: NB82-99 Seattle, WA 98104 206-770-3500 / Fax: 206-770-3569 TTY: 1-800-833-6388 www.wsdot.wa.gov

July 5, 2018

LTR-PR0068

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Director, Department of Archaeology and Historic Preservation
1063 S. Capitol Way, Suite 106
Olympia, WA 98504-8343

RE: SR 520, I-5 to Medina Bridge Replacement Project and HOV Project: Limits of Construction Update and Cellular Tower Relocation for Montlake Phase Construction

LOG #: 121602-08-FHWA

Dear Dr. Brooks:

Pursuant to the Programmatic Agreement Implementing Section 106 of the National Historic Preservation Act for the SR 520, I-5 to Medina: Bridge Replacement and HOV Project (PA), the Washington State Department of Transportation (WSDOT), on behalf of the Federal Highway Administration (FHWA), is continuing consultation with your office.

The purpose of this letter is to inform you of an adjustment to the project Limits of Construction (LOC) associated with the upcoming construction phase of the above referenced project. This change is within the existing Area of Potential Effects (APE); in general, the change is minor as shown on the attached graphic.

Background

WSDOT has determined that the cellular tower co-located with the Montlake Boulevard Market will need to be relocated to complete construction of the SR 520 Montlake Phase. As such, the cellular providers have been conducting an alternatives analysis to identify the least intrusive options for their relocation. This effort has determined that the most practicable relocation site for the tower is on WSDOT-owned property just south of an existing parking lot on the WSDOT peninsula, near the intersection of Lake Washington Boulevard East and East Miller Street. To allow for continuity of cellular service, including 911 emergency services, and to minimize disruption to the Montlake community and surrounding neighborhoods, WSDOT is working with the cellular service providers to facilitate a temporary relocation by providing space within WSDOT right-of-way next to the existing construction staging area. This area is located adjacent to but outside of the existing LOC, which would require this expansion.

WSDOT has existing PA commitments, as well as an agreement with Seattle Parks and Recreation, regarding final design and construction of park improvements for the WSDOT peninsula that would require the cell tower to be removed from its temporary location by the service providers upon completion of SR 520 construction. Permanent relocation options will be assessed prior to this removal.

WSDOT has determined, on behalf of FHWA, that this temporary installation will not cause an additional adverse effect to historic properties. As described below, the cellular service providers have proposed a plan to minimize visual impacts to historic properties in the area. The location and design allow this temporary tower to blend in with the surrounding environment for the duration of its use as compared to the existing undisguised tower at the Montlake Market.

Based on a least intrusive analysis per the City of Seattle permitting process, the cellular providers are installing a 120-foot tall "monopine" tower. The relocated tower will be constructed to look like a pine tree in order to best fit into the surrounding area. A visual simulation is attached for your reference. The monopine is designed to minimize visual impacts by simulating other large trees, some approximately 100 feet tall, currently located within close proximity to the proposed location.

Consideration of Historic properties

Adjacent National Register of Historic Places (NRHP)-eligible historic properties include the Washington Park Arboretum, Lake Washington Boulevard, the Montlake Historic District, and individual contributing elements to the historic district.

While this proposed tower design will slightly alter the integrity of setting for Lake Washington Boulevard and the Arboretum, the change would not be such that they would no longer retain sufficient integrity to convey their historic significances. The following underscore the minimal effect the tower would have on the setting:

- The area where the monopine tower would be visible is very small compared to the total area that contributes to integrity of setting for Lake Washington Boulevard and the Arboretum, thus the overall alteration to setting is minor.
- The installation is temporary, thus the setting will not be permanently altered by the cellular tower relocation.
- As shown in the attached visual simulation, the tower will be screened by other trees and will not be visible from most locations within the historic boundaries of either resource.

For these reasons the perceived change to the setting, as observed from Lake Washington Boulevard and Washington Park Arboretum, would be minimal. Therefore, relocation of the cellular tower would not constitute an adverse effect to Lake Washington Boulevard or the Washington Park Arboretum.

Similarly, the temporary relocation of the cellular tower would alter the integrity of setting for only a small area of the Montlake Historic District relative to the overall integrity of setting for the historic resource as a whole. The existing 60 ft. tall cellular tower, which is located adjacent to the Montlake Market (2605 22nd Ave. E) within the boundaries of the Montlake Historic District, has no screening and is clearly visible to multiple contributing properties around the intersection. A graphic showing the existing condition is attached for your reference. In contrast, the temporary cell tower installation described here will be outside of the district and, given the monopine design and adjacent large trees, will better blend in with the surrounding landscape than current conditions. Most contributing properties to the district will not have a clear view of the monopine due to surrounding trees and other properties. Therefore, together with retained integrity of location, design, materials, workmanship, feeling, and association, the district would retain sufficient integrity of setting to convey its historic significance and relocation of the cellular tower would not represent an adverse effect to the district.

The tower will be adjacent to and within the viewsheds of only four of the 1,242 total contributing resources to the district: 2467 26th Ave. E, 2463 26th Ave. E, 2457 26th Ave. E, and 2451 26th Ave. E. Of these four, only 2451 26th Ave. is individually eligible for the NRHP. Therefore, individual consideration of impact to setting is only merited for 2451 26th Ave. E. The primary façade of 2451 26th Street is not oriented toward the cellular tower relocation site. The peripheral view of the cellular tower site from this property is obscured by large trees. As such, the impact to integrity of setting for this individually eligible property is minimal. Therefore, together with retained integrity of location, design, materials, workmanship, feeling, and association, the residence at 2451 26th Ave. E. would retain sufficient integrity of setting to convey its historic significance and relocation of the cellular tower would not represent an adverse effect to the property.

Summary

Given the existing visual impacts of an undisguised cellular tower within the district, the minimization measures with the monopine design, the eventual removal of the structure, and the existing visual impacts in this area from construction staging already covered in the PA, these impacts would be less than adverse.

This LOC expansion is within an area surveyed for archaeological sensitivity as part of this project. All construction within the expanded limits of construction will be subject to the same archaeological monitoring plan that DAHP concurred with in a letter dated February 12, 2013.

The information in this letter is also being shared with federally recognized tribes consulting on the project, the U.S. Army Corps of Engineers, King County's Historic Preservation program, and Montlake neighborhood consulting parties.

Dr. Brooks July 5, 2018 Page 4 of 4

We respectfully request any comments you may have on the revised limits of construction, the above analysis, and the determination that the changes result in no additional adverse effect to historic properties by no later than **August 3, 2018**.

If you have any questions or concerns, please contact me at (206) 805-2895, e-mail manetac@wsdot.wa.gov, or Scott Williams, Cultural Resources Program Manager, e-mail willias@wsdot.wa.gov.

Sincerely,

Cassandra Manetas
Cassandra Manetas

WSDOT Cultural Resources Specialist

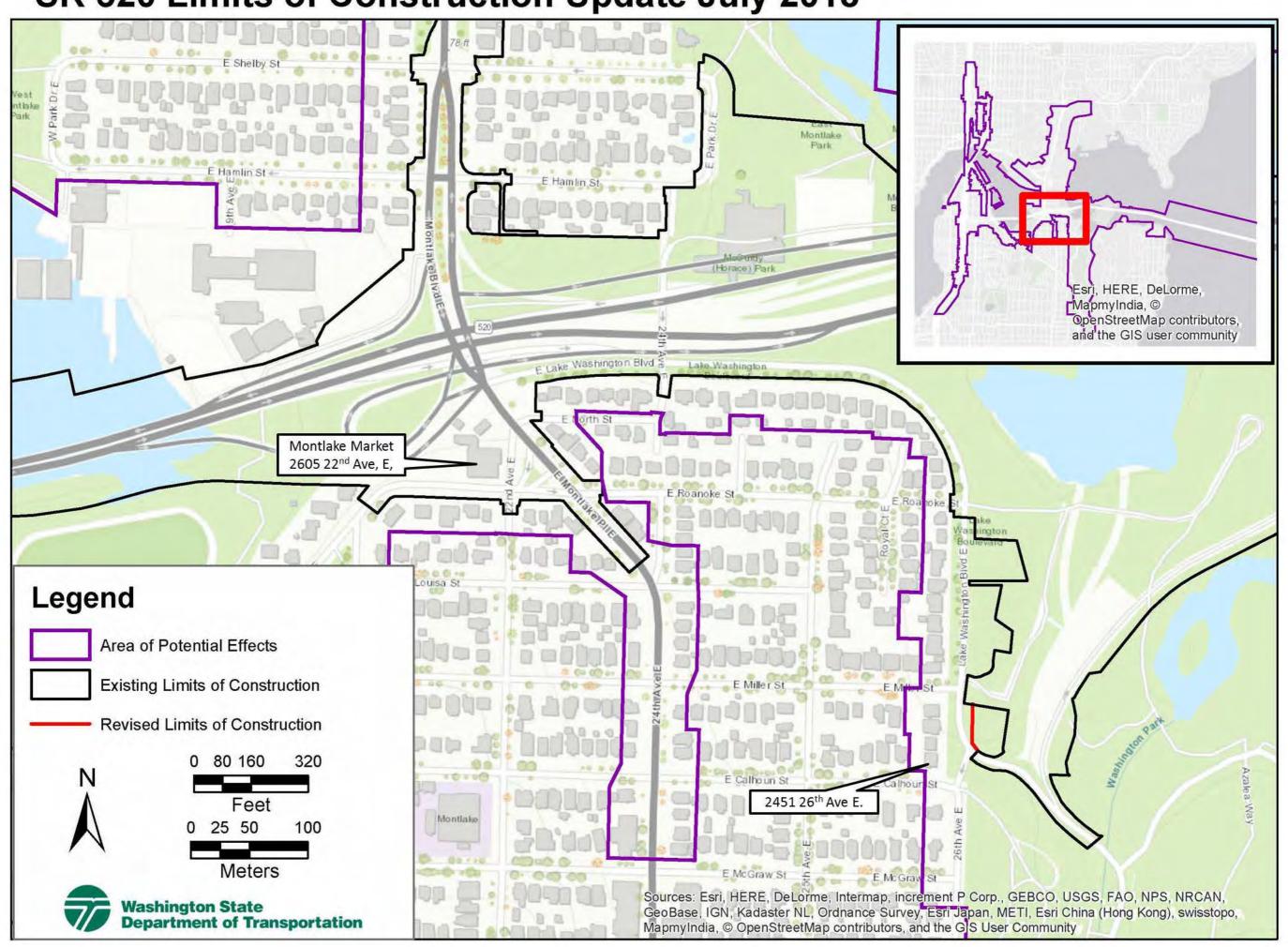
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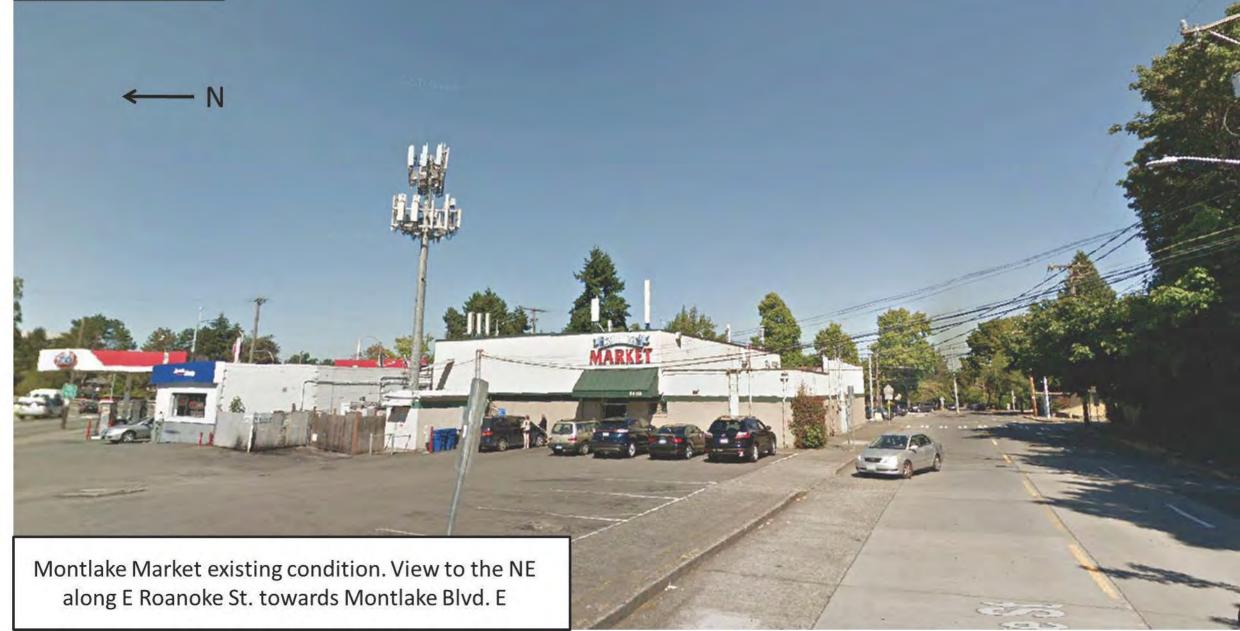
Limits of Construction Update Map Montlake Existing Condition Crown Castle Monopine Photosim Crown Castle Relocation Plans

Cc:

Dennis Wardlaw, DAHP Sharon Love, FHWA Jeff Horton, FHWA Scott Williams, WSDOT Denise Cieri, WSDOT Dave Becher, WSDOT

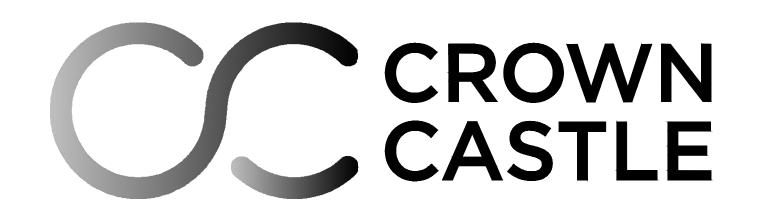
SR 520 Limits of Construction Update July 2018





PROJECT DESCRIPTION

CROWN CASTLE PROPOSES TO INSTALL A NEW 2500' SQ.FT. LEASE AREA AND 120' MONOPINE.



PROJECT INFORMATION

SITE ADDRESS: 2463 26TH AVE E

LATITUDE:

LONGITUDE:

JURISDICTION:

SEATTLE, WA 98112

47.641527 -122.298293

CITY OF SEATTLE

ZONING DISTRICT: EXISTING USE:

UNMANNED TELECOMMUNICATIONS FACILITY UNMANNED TELECOMMUNICATIONS FACILITY NEW USE:

REV

AGE BAY

Call before you dig

CONSTRUCTION TYPE: XX A.P.N. 5605000450 PROJECT SCOPE: RELOCATE EXISTING SITE

B.U.N. NUMBER: 880324 SITE NAME: PORTAGE BAY

LEASE EXHIBIT

DRAWING INDEX

822497-BAINBRIDGE DISPOSAL-T-1 822497-BAINBRIDGE DISPOSAL-A-1 822497-BAINBRIDGE DISPOSAL-A-2.1

822497-BAINBRIDGE DISPOSAL-A-4

TITLE SHEET **OVERALL SITE PLAN** NEW ENLARGED EQUIPMENT PLAN **NEW MONOPINE ELEVATIONS**

VICINITY MAP

DIRECTIONS AT&T MOBILITY OFFICE (16221 NE 72ND WAY REDMOND, WA 98052): TAKE WA-509 NORTH, TAKE EXIT FOR MICHIGAN ST, GO TO 4TH AVE S TURN LEFT, GO TO I-90 E TURN LEFT, TAKE EXIT 2B TO MERGE ON I-5 N, TAKE EXIT 168B FOR WA-520, TAKE EXIT FOR MONTLAKE BLVD, CONTINUE STRAIGHT ONTO LAKE WASHINGTON BLVD E. GO APPROX. 0.4 MILES TO PARKING LOT ON THE EAST SIDE OF THE ROAD. SITE IS 0.3 MILES NORTHEAST THROUGH THE PARK

Alaska Airlines Arena 🙃

Playfield MONTLAKE # E Miller S

Montlake Park _

APPLICABLE BLDG. CODES AND STANDARDS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

[INTERNATIONAL BUILDING CODE (IBC), 2015 AS ADOPTED BY THE LOCAL JURISDICTION]

ELECTRICAL CODE:

[NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2014, NATIONAL ELECTRICAL CODE, AS ADOPTED BY THE LOCAL JURISDICTION] LIGHTNING PROTECTION CODE:

[NFPA 780 - 2002, LIGHTNING PROTECTION CODE]

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS.

AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, THIRTEENTH EDITION TIA/EIA 222-G, STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS.

TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT

IEEE C2 NATIONAL ELECTRIC SAFETY CODE, LATEST VERSION

TELCORDIA GR-1275, GENERAL INSTALLATION REQUIREMENTS

ANSI T1.311. FOR TELECOM - DC POWER SYSTEMS - TELECOM. ENVIRONMENTAL

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL

CHANDLER, AZ 85225



PHOENIX, AZ 85040

2463 26TH AVE E SEATTLE, WA 98112

> **SITE NUMBER** 880324

SITE NAME **PORTAGE BAY**

LEGAL DESCRIPTION

SITE PROJECT PARTICIPANTS

	<u>NAME</u>	COMPANY	NUMBER
A/E	CHRIS WOLFE	WYCO FIELD SERVICES, LLC	602-281-0223
LANDLORD	DOUG NELSON	TBD	206-391-1436
SITE ACQUISITION MANAGER	EDWARD RUIZ	CROWN CASTLE	713-570-3867
PROJECT MANAGER	KASHEIK McGEE	CROWN CASTLE	602-845-1748
CONSTRUCTION MANAGER	ADAMS GLENN	CROWN CASTLE	509-741-0568

DIG INFO

Arboretum -

Parking Area E12

UULC: **UTILITIES UNDERGROUND LOCATION CENTER** 1-800-424-5555 OR 811

WWW.CALLBEFOREYOUDIG.ORG/WASHINGTON 3 WORKING DAYS UTILITY NOTIFICATION PRIOR TO CONSTRUCTION

SCALING DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME.

IF USING 11"x17" PLOT, DRAWINGS WILL BE AT HALF SCALE.

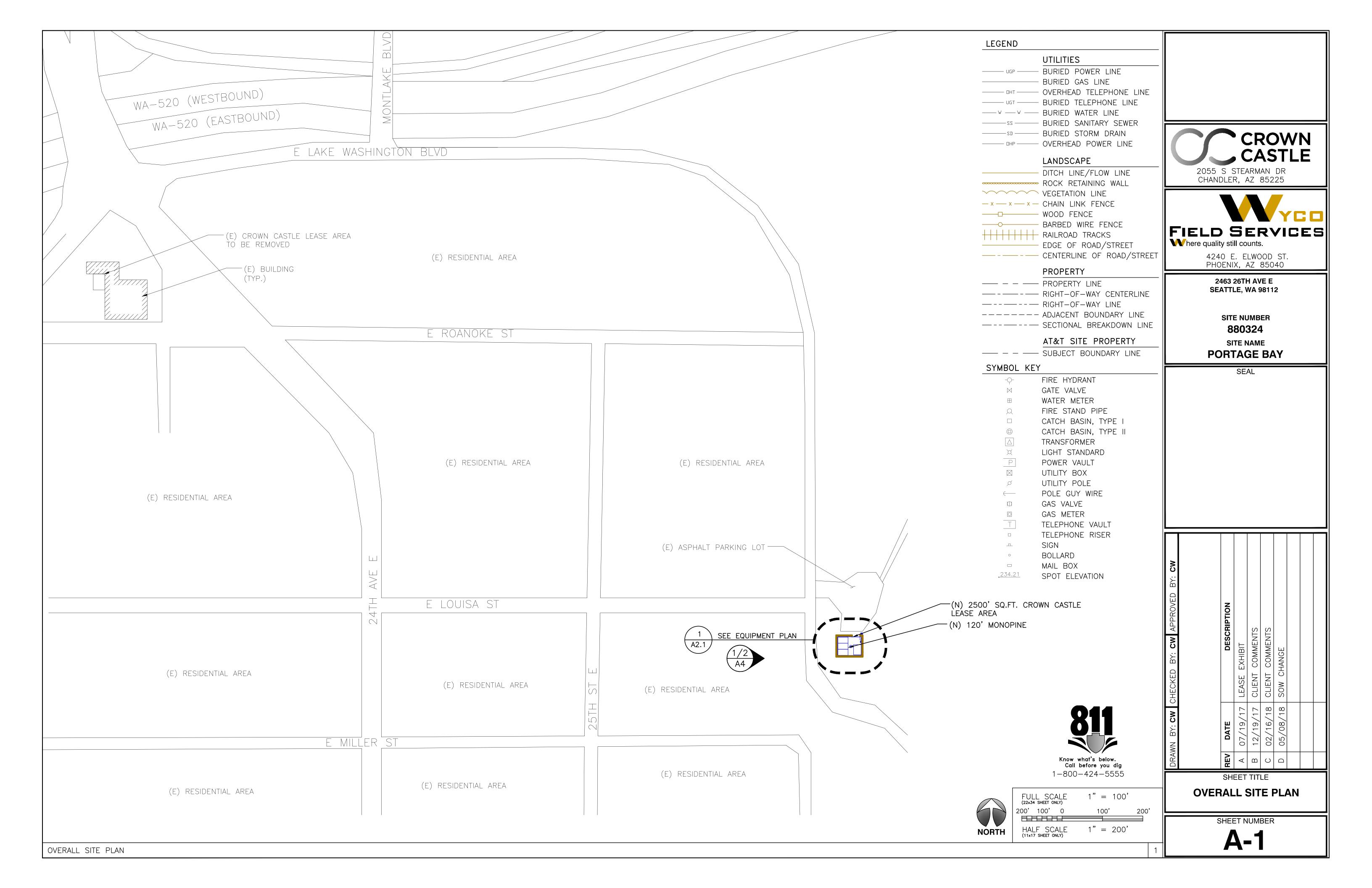
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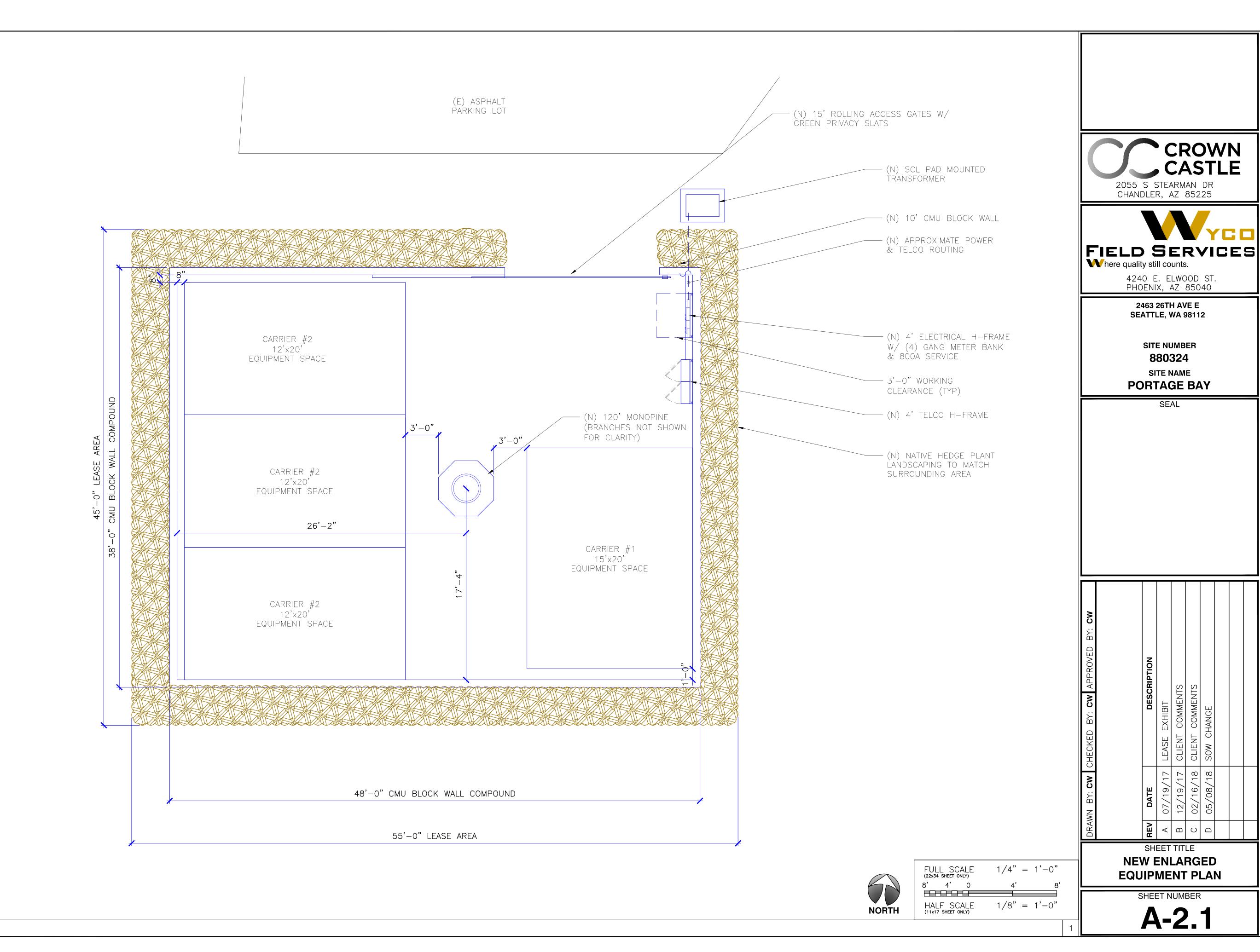
SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1





CROWN

SITE NUMBER

880324

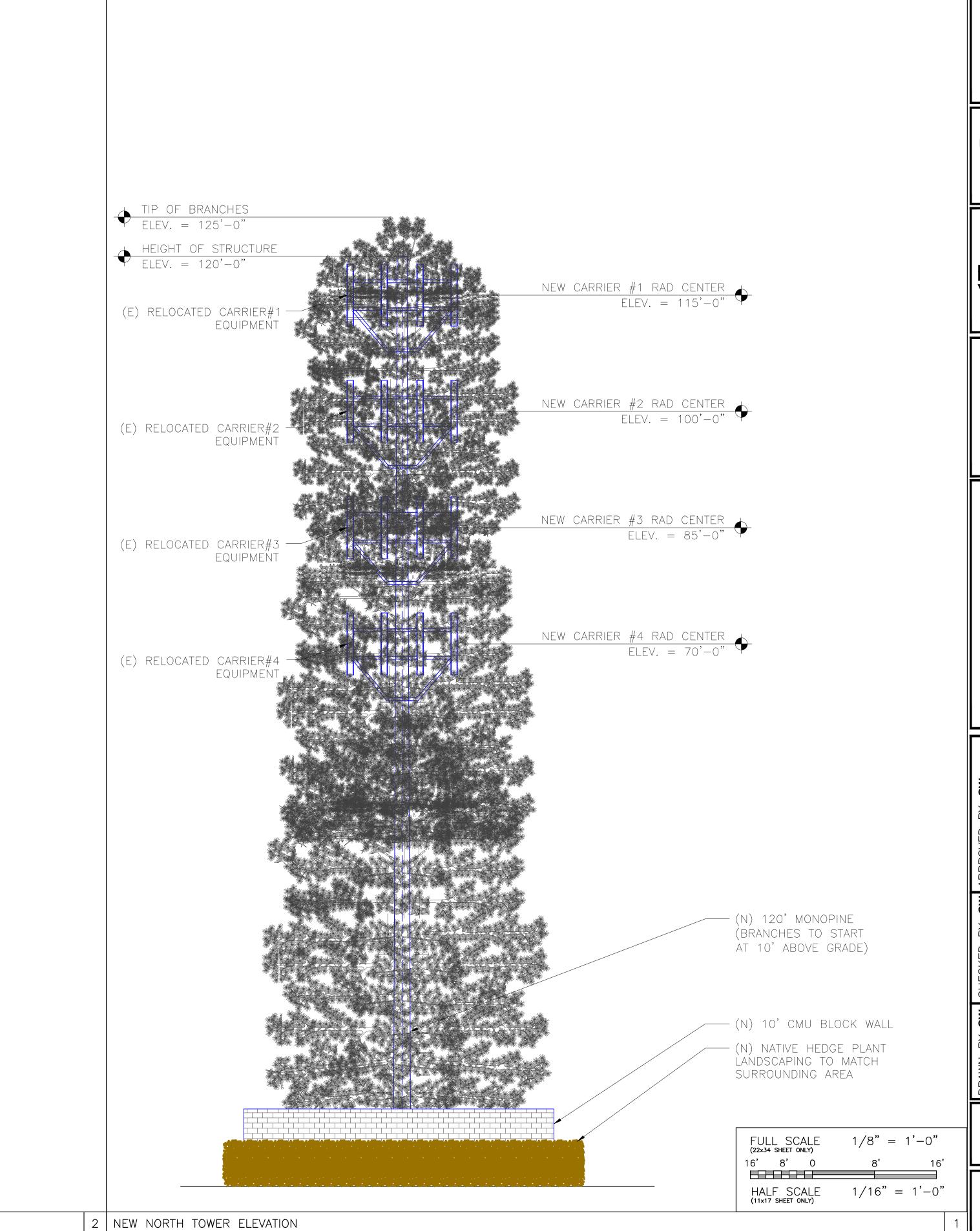
SITE NAME

SEAL

07/19/17 12/19/17 02/16/18 05/08/18

SHEET TITLE

NEW EQUIPMENT LAYOUT



NOT USED





4240 E. ELWOOD ST. PHOENIX, AZ 85040

2463 26TH AVE E SEATTLE, WA 98112

SITE NUMBER
880324
SITE NAME
PORTAGE BAY

SEAL

DRAWN BY: CW CHECKED BY: CW APPROVED BY: CW	DESCRIPTION	EXHIBIT	COMMENTS	CLIENT COMMENTS	HANGE		
CHECKED BY		LEASE EXH	CLIENT COI	CLIENT COI	SOW CHANGE		
N BY: CW C	DATE	07/19/17 LEASE EXHIBIT	12/19/17 CLIENT COMMENTS	02/16/18	05/08/18		
DRAW	REV	4	В	O			
	 SH	EET	TIT	LE			

NEW
TOWER ELEVATIONS

SHEET NUMBER

A-4



July 13, 2018

Mrs. Cassandra Manetas Cultural Resource Specialist SR 520 Bridge Replacement Project 999 Third Ave., Suite 2424 Seattle, WA, 98104

In future correspondence please refer to:
Project Tracking Code: 121602-08-FHWA

Property: SR 520 Corridor Trans-Lake Washington, Cellular Tower Relocation for Montlake

Construction Phase

Re: Revised Limits of Construction; Continued NO Adverse Effect

Dear Mrs. Manetas:

Thank you for contacting the State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced project. This action has been reviewed on behalf of the SHPO under provisions of Section 106 of the National Historic Preservation Act of 1966 (as amended) and 36 CFR Part 800. Our review is based upon documentation contained in your communication.

Based on the information you have provided for the cellular tower relocation we concur that the current project as proposed will have "NO ADVERSE EFFECT" on adjacent National Register Historic Properties. As a result of our concurrence, further contact with DAHP regarding the cellular tower relocation is not necessary.

However, if new information about affected resources becomes available and/or the project scope of work changes significantly, please resume consultation as our assessment may be revised. Also, if any archaeological resources are uncovered during construction, please halt work immediately in the area of discovery and contact the appropriate Native American Tribes and DAHP for further consultation.

Thank you for the opportunity to review and comment. Should you have any questions, please feel free to contact me.

Sincerely,

Dennis Wardlaw

Transportation Archaeologist

(360) 586-3085

dennis.wardlaw@dahp.wa.gov



Exhibit 3

Photosimulations



Photographic Simulation

Site Location Map

Site Name: Montlake Relo (North)

BU Number: 830884

Site Adress: 2450 Lake Washington Blvd E,

Seattle, WA 98112

Lat/Long: 47.641494, -122.298236

Date: 08/20/2018





At left is the current WSDOT Peninsula site, looking east toward Lake Washington Boulevard East from East Miller Street. At right is a simulation of the proposed monofir pole, with screening trees at its base.









At left is the current WSDOT Peninsula site, looking east toward Lake Washington Boulevard East from the west side of Lake Washington Boulevard. At right is a simulation of the proposed monofir pole, with screening trees at its base.







Exhibit 4

Noise Evaluation

Crown Castle • Proposed Base Station (Site No. 830884 "Montlake Relo (North)") 2463 26th Avenue East • Seattle, Washington

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of Crown Castle, a personal telecommunications facilities provider, to evaluate the base station (Site No. 830884 "Montlake Relo (North)") proposed to be located near 2463 26th Avenue East in Seattle, Washington, for compliance with appropriate guidelines limiting sound levels from the installation.

Executive Summary

Crown Castle proposes to install a new wireless telecommunications base station, consisting of equipment cabinets at ground and antennas on a tall pole to be sited near 2463 26th Avenue East in Seattle. Noise levels from the proposed operation will be below the applicable municipal limits.

Prevailing Standard

The City of Seattle sets forth limits on sound levels in its Municipal Code, §25.08.410 "Exterior sound level limits," including the following one-minute average sound levels for a constant sound source or hourly average sound levels for a continuous source:

	District of Receiving Property				
District of Sound Source	Residential		Commercial	Industrial	
	$Daytime^*$	Nighttime	Day & Night	Day & Night	
Residential	55 dBA	45 dBA	57 dBA	60 dBA	
Commercial	57	47	60	65	
Industrial	60	50	65	70	

The maximum short-duration sound level may exceed the above levels by no more than 15 dBA. Figure 1 attached describes the calculation methodology used to determine applicable noise levels for evaluation against the prevailing standard.

General Facility Requirements

Wireless telecommunications facilities ("cell sites") typically consist of two distinct parts: the electronic base transceiver stations ("BTS" or "cabinets") that are connected to traditional wired telephone lines, and the antennas that send wireless signals created by the BTS out to be received by individual subscriber units. The BTS are often located outdoors at ground level and are connected to the antennas by coaxial cables. The BTS typically require environmental units to cool the electronics inside. Such cooling is often integrated into the BTS, although external air conditioning may be installed, especially when the BTS are housed within a larger enclosure.

^{*} Daytime is defined in Municipal Code §25.08.420A as 7 am to 10 pm weekdays and 9 am to 10 pm on weekends and legal holidays.



Crown Castle • Proposed Base Station (Site No. 830884 "Montlake Relo (North)") 2463 26th Avenue East • Seattle, Washington

Most cell sites have back-up battery power available, to run the base station for some number of hours in the event of a power outage. Many sites have back-up power generators installed, to run the station during an extended power outage.

Site & Facility Description

Based upon information provided by Crown Castle, including construction drawings by WYCO Field Services, LLC, dated July 25, 2018, that facilities provider proposes to install equipment cabinets for use by four wireless telecommunications carriers within a walled enclosure to be constructed at the south end of the parking lot located in the Washington State Department of Transportation right-of-way in Seattle on the east side of Lake Washington Boulevard East, about 100 feet north of the on-ramp to the eastbound State Route 520, and across the street from the residence at 2463 26th Avenue East.

Several directional panel antennas are proposed to be installed on a tall pole, configured to resemble a pine tree; this portion of the base station is passive, generating no noise. The nearest neighboring occupied property is located across Lake Washington Boulevard East, about 90 feet to the west of the compound, and is zoned residential.

Study Results

Equipment cabinets from two manufacturers are assumed to be installed, as follows, including the reported maximum noise levels from their units:

	Maximum	Reference
Equipment	Noise Level	Distance
AT&T Mobility		
(1) Purcell FLX16	64.7 dBA	5 feet
(1) Purcell FLX12	64.7 dBA [†]	5 feet
(3) CommScope RBA84 (assumed)	58.7 dBA‡	5 feet
Sprint		
(1) Purcell Equipment Cabinet (assumed)	60 dBA	5 feet
(1) Purcell Battery Cabinet (assumed)	58 dBA	5 feet
T-Mobile		
(1) CommScope RBA72 (assumed)	58.7 dBA	5 feet
(1) CommScope RBA84 (assumed)	58.7 dBA [‡]	5 feet
Verizon Wireless		
(1) CommScope RBA72	58.7 dBA	5 feet
(3) CommScope RBA84	58.7 dBA [‡]	5 feet

[‡] Noise level based on CommScope Model RBA72.



[†] Noise level based on Purcell Model FLX16.

Crown Castle • Proposed Base Station (Site No. 830884 "Montlake Relo (North)") 2463 26th Avenue East • Seattle, Washington

The maximum calculated noise level at the nearest residential property for the simultaneous operation of all fans in all twelve equipment cabinets, conservatively assuming just 3 dB of attenuation from the 10-foot concrete block enclosure, is 43.1 dBA, meeting the City's most restrictive limit of 45 dBA.

Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that the operation of the Crown Castle base station proposed to be located near 2463 26th Avenue East in Seattle, Washington, will comply with the City's requirements for limiting acoustic noise emission levels.

Authorship

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2019. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

August 2, 2018

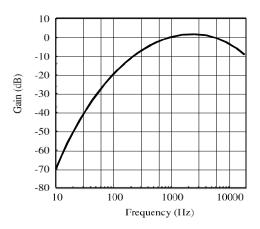


William F. Hammett, P.E.

707/996-5200

Noise Level Calculation Methodology

Most municipalities and other agencies specify noise limits in units of dBA, which is intended to mimic the reduced receptivity of the human ear to Sound Pressure (" L_P ") at particularly low or high frequencies. This frequency-sensitive filter shape, shown in the graph to the right as defined in the International Electrotechnical Commission Standard No. 179, the American National Standards Institute Standard No. 5.1, and various other standards, is also incorporated into most calibrated field test equipment for measuring noise levels.



library rural background office space conversation car radio traffic corner
traffic corner lawnmower

The dBA units of measure are referenced to a pressure of $20 \mu Pa$ (micropascals), which is the threshold of normal hearing. Although noise levels vary greatly by location and noise source, representative levels are shown in the box to the left.

Manufacturers of many types of equipment, such as air conditioners, generators, and telecommunications devices, often test their products in various configurations to determine the acoustical emissions at certain distances. This data, normally expressed in dBA at a known reference distance, can be used to determine the corresponding sound pressure level at any particular distance, such as at a nearby building or property line. The sound pressure drops as the square of the increase in distance, according to the formula:

$$L_P = L_K + 20 \log(D_K/D_P),$$

where L_P is the sound pressure level at distance D_p and L_K is the known sound pressure level at distance D_K .

Individual sound pressure levels at a particular point from several different noise sources cannot be combined directly in units of dBA. Rather, the units need to be converted to scalar sound intensity units in order to be added together, then converted back to decibel units, according to the formula:

where
$$L_T$$
 is the total sound pressure level and L_1 , L_2 , etc are individual sound pressure levels.

$$L_T = 10 \log (10^{L_1/10} + 10^{L_2/10} + ...),$$

Certain equipment installations may include the placement of barriers and/or absorptive materials to reduce transmission of noise beyond the site. Noise Reduction Coefficients ("NRC") are published for many different materials, expressed as unitless power factors, with 0 being perfect reflection and 1 being perfect absorption. Unpainted concrete block, for instance, can have an NRC as high as 0.35. However, a barrier's effectiveness depends on its specific configuration, as well as the materials used and their surface treatment.

Exhibit 5

Phase 1 ESA



Phase I Environmental Site Assessment Report

May 24, 2018 Revised August 28, 2018



Montlake Relo (North) Crown Castle BU# 830884

2450 Lake Washington Boulevard East Seattle, Washington 98112 Trileaf # 640296

Prepared For:

Crown Castle Towers 06-2 LLC

2000 Corporate Drive Canonsburg, Pennsylvania 15317 Prepared By:

Trileaf Corporation

10845 Olive Blvd, Suite 260 St. Louis, MO 63141

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9.10 Qualifications of Environmental Professionals and Others

1. SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (Phase I ESA) conducted by Trileaf Corporation (Trileaf) of a portion of the property currently owned by Washington State Department of Transportation. Specifically, the 'Property' hereinafter refers to the area referenced in Appendix 9.2, that is proposed to be leased by Crown Castle Towers 06-2 (hereinafter, "Crown Castle"). This study was initiated by Crown Castle, hereinafter referred to as 'User', to investigate potential environmental concerns at the Property. The Property and immediate surrounding area were evaluated for this report.

The proposed Property transaction consists of the establishment of a new lease of an approximately 2,200-square-foot lease area. Wireless services are proposed to be relocated to the new lease area and new equipment including a 125-foot monofir telecommunications tower are proposed to be installed within the new lease area. The proposed lease area currently contains a manicured, grass-covered area. No generators or above-ground storage tanks were observed within the proposed lease area at the time of site reconnaissance.

Refer to the site sketches in Appendix 9.2 for the general layout and location of the proposed lease area and utilities.

Trileaf has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of the Property. Exceptions to, or deletions from, this practice are described in Section 2.4 of this report.

This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) in connection with the Property.

It is the opinion of Trileaf Corporation that no further investigation is warranted at this time.

These conclusions are based on the review of available historical information, regulatory records, site reconnaissance, and interviews when possible. These conclusions are not subject to environmental concerns or contamination that is hidden, unpublished, or otherwise undiscoverable using standard ASTM E1527-13 Phase I ESA methodology.

This section is only a brief summary of the findings and does not represent a detailed summary of the information gathered in the preparation of this report. The report should be reviewed in its entirety to fully understand environmental conditions associated with the Property

2. INTRODUCTION

2.1 Purpose

The purpose of this assessment is to identify RECs, including Controlled RECs (CRECs) associated with the Property and establish bona fide prospective purchaser liability protection and contiguous property owner liability protection in relation to the Property. ASTM E1527-13 defines the term "recognized environmental condition" as:

"...the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release



to the environment; or (3) under conditions that pose a material threat of a future release to the environment..."

ASTM E1527-13 defines the term "controlled recognized environmental condition" as:

"...a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority...with hazardous substances allowed to remain in place subject to the implementation of required controls..."

In addition, this assessment summarizes Historical RECs (HRECs) associated with the Property. ASTM E1527-13 defines the term "historical recognized environmental condition" as:

"...a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls..."

2.2 Detailed Scope-of-Services

On May 11, 2018, Crown Castle contracted with Trileaf to conduct a standard Phase I ESA for the Property. Trileaf performed the following services:

- Site reconnaissance
- Records review of federal and state databases
- Review of previous environmental reports (when available)
- Interviews (where possible) and review of government records
- Review of historical topographic maps
- Review of historical aerial photographs
- Review of historical Sanborn fire insurance maps (when available)
- Review of city directories (when available)

The most recent U.S. Geological Survey topographic map is included in Appendix 9.1. A site plan is also included in Appendix 9.2. Available historical resources date back to 1894.

2.3 Significant Assumptions

It is assumed that the direction of surface water flow in the vicinity of the Property approximates the direction of subsurface shallow groundwater flow in lieu of additional local shallow groundwater information; however, localized geologic characteristics and other subsurface conditions could alter the normally expected shallow groundwater flow direction. In order to more accurately determine the direction of local groundwater flow, subsurface water table measurements would be required.

2.4 Data Gaps, Limiting Conditions, Deviations, Deletions and Exceptions

The information presented in this report is compiled from a variety of sources over which Trileaf has neither affiliation nor control. Although these sources are considered reliable, no environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with the Property. Performance of the ASTM standard Phase I practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property.

This Phase I ESA is subject to the following data gaps, limiting conditions, deviations, deletions and exceptions:

- Some historical records reviewed were not readily available in five-year intervals. Although topographic maps date to the late 1800s, the use of the Property is not clear due to scale of the map, and the first available aerial photograph (dated 1936) depicts the Property as a portion of the Old Lake Washington Boulevard. Based on the overall findings of this Phase I ESA, Trileaf determined the data failures encountered do not represent significant data gaps that would inhibit Trileaf's ability to identify RECs for the Property.
- Trileaf was unable to obtain an interview from a local government authority.
- Per the scope of this assessment, Trileaf did not perform land title or lien records research
 for the Property and chain-of-title or environmental lien research was not requested or
 provided by the User.

It is Trileaf's opinion that none of the above-mentioned data failures, data gaps, limiting conditions, deviations, deletions and exceptions have significantly affected Trileaf's ability to identify RECs in connection with the Property.

2.5 Special Terms and Conditions

There were no special terms or conditions involved with this assessment.

2.6 User Reliance

This report was prepared for and may be relied upon by Crown Castle Towers 06-2 LLC, its respective subsidiaries, successors, assigns, advisors, affiliates, and lenders. Any rating agency, issuer, purchaser or underwriter of any security collateralized or otherwise backed by the property that is the subject of this report or any loans placed upon the property may further rely upon the report.

2.7 Location and Legal Description

The proposed Property transaction consists of the establishment of an approximately 2,200-square-foot lease area. The proposed lease area of the Property is located on the southeast corner of an approximately 10-acre lot, identified as the parent parcel. The address of the Property is at 2450 Lake Washington Boulevard East, Seattle, King County, Washington 98112. The parent parcel is located within a public Right-of-Way (ROW) and has not been assigned a parcel number by King County. The Property is located at approximately 47.641556° north latitude and



122.298279° west longitude. The Property location is indicated on a Site Vicinity Map included in Appendix 9.1 and a site plan is included in Appendix 9.2.

3. USER PROVIDED INFORMATION

3.1 User Questionnaire

Trileaf reviewed the All Appropriate Inquiries (AAI) User Questionnaire prepared by Crown Castle. Based upon this review, Crown Castle had no specialized knowledge of environmental clean-up liens or Activity and Use Limitations (AULs). In addition, Crown Castle, had no knowledge pertaining to the storage of chemicals, spills, environmental clean-ups, or contamination that might have resulted in the degradation of the environmental quality of the Property. A copy of the AAI User Questionnaire is provided in Appendix 9.7.

3.2 Title Records

Per the scope of this assessment, Trileaf did not perform land title or lien records research for the Property and chain-of-title or environmental lien research was not requested or provided by the User.

3.3 Environmental Liens or Activity and Use Limitations

Information regarding environmental liens or activity and use limitations for the Property was not reported to Trileaf.

3.4 Specialized Knowledge

Specialized knowledge or experience material to identifying RECs in connection with the Property were not reported to Trileaf.

3.5 Valuation Reduction for Environmental Issues

Information regarding actual knowledge of valuation reduction associated with environmental issues for the Property was not reported to Trileaf.

3.6 Commonly Known or Reasonably Ascertainable Information

The User did not report any commonly known reasonably ascertainable information within the local community about the property that is material to RECs in connection with the property. ASTM E1527-13 defines the term "reasonably ascertainable" as "information that is: (1) publicly available; (2) obtainable from its source within reasonable time and cost constraints; and (3) practically reviewable."



3.7 Owner, Property Manager, and Occupant Information

The Property is currently owned by Washington State Department of Transportation. Mr. Gil Gurule, a Transportation Engineer of Washington Department of Transportation (WSDOT), was reported to Trileaf as the property contact.

3.8 Reason for Performing the Phase I

The User requested a Phase I ESA in order to investigate potential environmental concerns at the Property and to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability.

3.9 Previous Reports and Documentation

No previous environmental reports concerning the Property were made available to Trileaf.

4. RECORDS REVIEW

4.1 Physical Setting Sources

4.1.1 U.S. Geological Survey 7.5 Minute Series Topographic Map

The EDR Geocheck Physical Setting Source (PSS) Addendum report, contained within the radius search report, was used as the primary source for the following information. Other maps, including but not limited to regional topographical maps, geological maps, and U.S. Geological Survey well maps, were also reviewed.

4.1.2 Topography

To evaluate site topography, Trileaf reviewed the 7.5-minute U.S. Geological Survey Topographic Map – Seattle North, Washington Quadrangle, dated 2017. The Property is mapped at approximately 36 feet above mean sea level (AMSL). The map indicates that the Property is located within an urban area. The Property is generally flat, gently sloping towards the north; therefore, surface water runoff from the site would likely flow toward the north.

4.1.3 Geology

According to the U.S. Department of Agriculture Soil Conservation Service, surficial material on the Property is designated as Alderwood gravelly sandy loam. Alderwood soils have low infiltration rates and are moderately well drained. A typical profile of an Alderwood soil consists of gravelly sandy loam from 0 to 7-inches, very gravelly loam from 7 to 35-inches, and cemented material from 35 to 39-inches, subsurface.

Based on a review of the 2005 Geologic Map of Seattle obtained from U.S. Geological Survey, the Property is underlain by peat of the Holocene age, consisting of plant material and wood debris interbedded with silt and clay.



4.1.4 Hydrology

There are no surface waters on the Property. Other than storm sewers and local storm drains along the roadsides, the dominant surface water feature in the area of the Property is Union Bay, located approximately 0.12 miles north of the Property.

Based on the info provided in the regulatory records report (which is sourced from the National Wetland Inventory), there are no national wetlands located on or adjacent to the Property.

Based on the location of Union Bay and the assumption that shallow groundwater flow often mimics local surface topography, the near surface groundwater flow direction at the site is assumed to be toward the north.

According to EDR's PSS Addendum map, there are water wells located within 0.5 miles of the Property, though none are located on or adjoining the Property. Information obtained from EDR's AQUIFLOW database for wells in this area suggests that the depth to shallow groundwater ranges from 3 to 14 feet below ground.

4.2 Standard Environmental Record Sources

4.2.1 Environmental Database Search Summary

Trileaf reviewed an environmental database search dated May 15, 2018. The environmental database search meets the government records search requirements of ASTM E1527-13 for Environmental Site Assessments. The relevant portions of the search will be summarized in this section. A table of the total number of sites in each respective category can be found in the report in Appendix 9.5.

The parent parcel of the Property was listed as five (5) Emergency Response Notification System (ERNS) sites in the environmental database search. A summary of the report findings for the Property is provided in Table 4.2.2.

For detailed descriptions of the databases referenced below, please refer to the database descriptions in the environmental database search report included in Appendix 9.5. Table 4.2.2 presents a summary of the relevant information obtained from the environmental database search report.

It should be noted that additional listings may appear in Section 4.2.2 if they are affiliated with another listing with a larger search radius.

4.2.2 Environmental Database Sites Summary

Table 4.2.2. Environmental Database Sites Summary					
Database	Site Name	Approximate Distance from Property and Direction / Gradient	Regulatory Status	Site Summary	
ERNS (5)	(None given) 2508 Lake Washington Boulevard East	Parent Parcel	Reported	No Environmental Concern at this time Three (3) of the five (5) releases reported on the parent parcel were of five (5) to fifteen (15) gallons of polymer drill slurry released into Union Bay during construction activities between June 9 and July 27, 2015. A leak from a man lift was reported to have released 0.5 gallons of diesel fuel into Union Bay on April 14, 2016. Lastly, an unknown oil sheen was reported in the vicinity of the Union Bay bridge on May 6, 2016. Due to all these releases occurring in the water, which is approximately 0.12 miles away and down gradient to the Property, these releases pose no environmental concern at this time.	
HSL CSCSL LUST UST ICR ALLSITES RCRA NonGen/NLR DRYCLEANERS Inactive Drycleaners	Jay's Drycleaners / Circle K #1461 2350 24 th Avenue East	0.19 SW / Cross gradient	Cleanup Started	No Environmental Concern at this time This site currently operates as a drycleaning facility but was historically a gas station with four (4) fuel underground storage tanks (USTs) that were removed in 1996. This site is currently undergoing cleanup for benzene, non-halogenated solvent, and gasoline contamination in the soil and groundwater caused by a leaking underground storage tank (LUST) associated with the historic gas station. Due to the LUST release, this site is in the Hazardous Sites List (HSL) and Confirmed and Suspected Contaminated Sites List (CSCSL). This Resource Conservation and Recovery Act (RCRA) facility does not currently generate hazardous waste (NonGen/NLR) and has no violations reported. Due to the distance from the Property and the cross-gradient location, this site poses no environmental concern at this time.	
CSCSL VCP ALLSITES DRYCLEANERS	Montlake Cleaners 2311, 2313, 2315 24 th Avenue East	0.21 WSW / Cross gradient	Cleanup Started	No Environmental Concern at this time This site currently operates as a drycleaning facility and is currently undergoing remediation for halogenated solvent and other non-halogenated organic contamination in soil and groundwater. This site participates in the Voluntary Cleanup Program (VCP) and is on the CSCSL. See Section 4.2.4.	

Table 4.2.2. Environmental Database Sites Summary				
Database	Site Name	Approximate Distance from Property and Direction / Gradient	Regulatory Status	Site Summary
CSCSL LUST UST ALLSITES	Mason Apartments 2401 East Lynn Street	0.21 SW / Cross gradient	Awaiting cleanup	No Environmental Concern at this time This site currently awaiting cleanup for petroleum product, lead, and non-halogenated solvent contamination in soil and groundwater caused by a LUST release. This site has one (1) registered UST of unknown status. Due to the distance from the Property and the crossgradient location, this site poses no environmental concern at this time.
CSCSL LUST UST VCP ICR ALLSITES RCRA NonGen/NLR MANIFEST (2)	Exxon Mobil Oil Corporation / Mobil Station 99- MPB 2200 24 th Avenue East	0.23 SW / Cross gradient	Cleanup Started	No Environmental Concern at this time This site was historically a gas station with four (4) fuel USTs that were removed in 2001. This site is currently undergoing cleanup for petroleum product and metal contamination in the soil and groundwater caused by a LUST. Due to the LUST release, this site is in the HSL and CSCSL. This RCRA NonGen/NLR facility does not currently generate hazardous waste and has no violations reported. Due to the distance from the Property and the cross-gradient location, this site poses no environmental concern at this time.
CSCSL (10) LUST (1) ICR (4) ALLSITES (11) CSCSL NFA (2)	Multiple Sites (28) Various	>0.27	Various	No Environmental Concern at this time Due to the distance from Property, these (28) sites should not pose an environmental concern to the Property at this time.

4.2.3 Orphan Sites

In addition, Trileaf reviewed the list of "orphan" sites – sites that were unable to be mapped – and found a total of ten (10) orphan sites identified in the regulatory records. Trileaf reviewed site information and found that none of the orphan sites pose an environmental concern to the Property based upon their location and/or regulatory status. A listing of the orphan sites is included in Appendix 9.5.

4.2.4 Additional Records Review

Although the Property is listed in the regulatory records as five (5) ERNS sites, due to all the releases occurring in Union Bay, approximately 0.12 miles north and down gradient to the Property, it is the opinion of Trileaf that sufficient information is available such that an in-person regulatory file review is unnecessary for the purpose of this assessment.

Trileaf reviewed a Summary of Subsurface Investigations document dated May 29, 2013, regarding the former Montlake Cleaners site at 2311, 2313, 2315 24th Avenue East. According



the report, the Perchloroethene (PCE) groundwater contamination associated with the site has not extended more than approximately 50 feet from the parcel's boundaries. Due to the distance from the Property, this contamination poses no environmental concern at this time. The Summary of Subsurface Investigations report is available online through the Washington Department of Ecology's (WDOE) Cleanup Site Search, but is also available upon request.

On May 16, 2018, Trileaf searched the WDOE online "What's In My Neighborhood" database, which maps all past and present Cleanup Sites managed by the WDOE, for the Property and surrounding area and found no records which pose an environmental concern to the Property based upon their location and/or regulatory status.

4.3 Historical Use Information on the Property

The past use of the Property is summarized in the following table.

Table 4.3. Historical Property Use Summary				
Date(s)	Source(s)	Property Use(s)		
1894 – 1917	Historical topographic maps and historical Sanborn map	No structures depicted		
1936 – 1953	Historical aerial photographs, historical topographic map, historical city directories, and historical Sanborn map	A portion of Lake Washington Boulevard		
1965 – 1990	Historical aerial photographs, historical topographic maps, historical city directories, and historical Sanborn map	Vacant land		
2002 – Present	Historical aerial photographs, historical topographic map, historical city directories, Google Earth Historical Imagery, and site reconnaissance	Manicured, grass-covered area		

The Property was developed as a portion of the previous Lake Washington Boulevard (as a dirt road) from at least the mid-1930s to the mid-1950s. The Property was vacant from at least the mid-1960s to the early 1990s but is now maintained as manicured, grass-covered land. See also Appendix 9.4.

Review of the historical information did not identify adverse environmental conditions associated with the Property or adjoining properties. Note that these statements are made from the best information available. Trileaf has found no reason to believe that the use of this Property has been altered between available information sources. Based upon this historical review, Trileaf found no data gaps that significantly affected Trileaf's ability to identify RECs associated with the Property.

4.4 Historical Use Information on Adjoining Properties

The past use of the adjoining properties is summarized in the following table.

	Table 4.4. Historical Adjoining Property Use Summary					
Date(s)	Source(s)	Property Use(s)				
North						
1894 – 1917	Historical topographic maps and historical Sanborn map	No structures depicted				
1936 – 1953	Historical aerial photographs, historical topographic map, historical city directories, historical Sanborn map, HistoryLink.org, and owner interview	Dirt access road associated with Miller Street Landfill				
1965 – 1990	Historical aerial photographs, historical topographic maps, historical city directories, and historical Sanborn map	Washington Park				
2002 – 2011	Historical aerial photographs, historical city directories, and Google Earth Historical Imagery	Asphalt-paved parking areas and driveways				
2014 – Present	Historical aerial photograph, historical topographic map, and site reconnaissance	Construction staging area				
East						
1894 – 1917	Historical topographic maps and historical Sanborn map	No structures depicted				
1936 – 1953	Historical aerial photographs, historical topographic map, historical city directories, and historical Sanborn map	Undeveloped, riparian area				
1965 – 2015	Historical aerial photographs, historical topographic maps, historical city directories, and historical Sanborn map	Highway on/off ramps and WSDOT paved storage area, followed by a riparian area				
Present	Site reconnaissance	WSDOT paved storage area, followed by a riparian area				
South						
1894 – 1917	Historical topographic maps and historical Sanborn map	No structures depicted				
1936 – 1953	Historical aerial photographs, historical topographic map, historical city directories, and historical Sanborn map	A portion of Washington Park, followed by East Calhoun Street				
1965 – 1990	Historical aerial photographs, historical topographic maps, historical city directories, and historical Sanborn map	Vacant land, followed by Lake Washington Boulevard East				
2002 – Present	Historical aerial photographs, historical topographic map, historical city directories, Google Earth Historical Imagery, and site reconnaissance	Manicured, grass-covered area, followed by Lake Washington Boulevard East				
West						



Table 4.4. Historical Adjoining Property Use Summary				
Date(s) Source(s) Property Use(s)				
1894 – 1917	Historical topographic maps and historical Sanborn map	No structures depicted		
1936 – Present	Historical aerial photographs, historical topographic maps, historical city directories, and site reconnaissance	25 th Avenue East, followed by single-family residences		

The surrounding area was historically a residential area near undeveloped riparian land. According to HistoryLink.org, the Miller Street Landfill operated approximately 750 northeast of the Property from the mid-1910s to 1936. The Property is on a portion of the WSDOT Peninsula property that was part of an arboretum from 1939 to 1963, when it was acquired by WSDOT for the construction of State Route (SR) 520 on and off ramps. In early 1990s, WSDOT allowed Seattle Parks and Recreation to construct a parking area for public use to the north of the lease area where it was closed to public use in 2014 when SR 520 construction began on the west approach bridge. The freeway on/off ramps to the east were deconstructed between 2015 and present day. See also Appendix 9.4.

5. SITE RECONNAISSANCE

5.1 Methodology

The site reconnaissance included a walkover and examination of the Property and the adjacent properties. On May 18, 2018, Mr. Richard Mordini of Trileaf conducted site reconnaissance of the Property. Mr. Mordini walked around the perimeter of the Property, and systematically inspected the exterior of the Property. Both accessibility and visibility were sufficient to complete a thorough survey. Observations of the Property and the adjoining properties were made from within the Property boundaries, and photographs were taken. Photographic documentation is included in Appendix 9.3.

5.2 General Site Setting

The Property is approximately 0.05 acres in area at approximately 36 feet above AMSL. The Property is located in a residential area of Seattle, King County, Washington. The Property is located on gently sloping land with no creeks, ravines, or ditches. No bedrock outcrops or sinkholes were noted in the area. Surface drainage is generally toward the north.

5.3 Parent Parcel Development and Use

The parent parcel of the Property currently consists of a large portion of a public Right-of-Way utilized by the WSDOT as a construction staging area, as well as apportion of a public park. No permanent structures are located on the parent parcel. The parent parcel of the Property is owned and operated by Washington State Department of Transportation.

5.4 Interior and Exterior Observations

5.4.1 Observations Summary

The Property is currently a manicured, grass-covered area. Access to the proposed compound is provided by an asphalt-paved access road extending to the west. See Appendix 10.2 for the general location of the structures on the Property.

Table 5.3.1. Site Reconnaissance Summary					
Feature	Observed on or near Property	Comment(s) in Section	Environmental Concern		
Buried Debris, Debris Piles, and/or Evidence of Dumping	No		No		
Controlled Substances Production	No		No		
Drains (other than sanitary waste drains such as sinks, showers, and toilets)	No		No		
Drums and Chemical Containers (capacity greater than 5 gallons)	No		No		
Drywells, Retention Basins, Stormwater Drains, or Other Stormwater Features	No		No		
Fill Material	No		No		
Generation, Storage, and/or Disposal of Hazardous Waste	No		No		
Heating and Cooling Systems	No		No		
High-Voltage Electrical Transmission Lines	No		No		
Interceptors and/or Separators	No		No		
Odors	No		No		
Oil/water separator	No		No		
On-Site Records	No		No		
Other Improvements and Features	No		No		
Pits, Ponds, and/or Lagoons	No		No		
Pooled Liquids	No		No		
Railroads/Airports	No		No		
Rivers/Washes	No		No		
Septic Systems	No		No		
Stained Surfaces	No		No		
Soil Stockpiles	No		No		
Sources of Polychlorinated Biphenyls (PCBs)	No		No		
Storage Tanks	No		No		
Stressed Vegetation	No		No		
Sumps and/or Vaults (excluding utility vaults)	No		No		
Unidentified Substances and Other Environmental Concerns/Conditions	No		No		
Use and Storage of Petroleum Products and Hazardous Substances	No		No		



Table 5.3.1. Site Reconnaissance Summary				
Feature Observed on or near Property Comment(s) in Section Concern				
Waste Water (excluding sanitary wastes)	No		No	
Water Wells	No		No	

No obvious signs of environmental concerns (monitoring wells, soil staining, stressed vegetation, odors, pools of liquid, and other signs of potential environmental concerns) were noted on the Property or on the adjoining properties.

5.4.1.1 Utilities

The Property currently consists of an unutilized portion of the parcel and is therefore served by no utilities. However, the parent parcel is served by public utilities, including public potable water and municipal sewer. No potable water wells were observed on the Property.

5.4.1.2 Waste Generation

The Property is currently vacant and does not produce any debris. No evidence of hazardous waste generation was observed during site reconnaissance.

5.4.1.3 Storage Tanks and Use

The Property was inspected for visual evidence of both aboveground and underground storage tanks, including vent pipes, fill pipes, and manways. No evidence of storage tanks was noted during the site inspection.

5.4.1.4 Chemical Use and Storage

No chemicals were observed on the Property.

5.4.1.5 Toxic Substances Control Act – Polychlorinated biphenyls and other Substances

Historically, polychlorinated biphenyls (PCBs), a group of hazardous substances and suspected human carcinogens, were widely used as an additive in cooling oils for electrical components. Typical sources of PCBs can include elevators and hydraulic equipment.

No potential PCB sources (i.e., transformers and hydraulic equipment) were observed on the Property.

5.4.1.6 Other Concerns

No other concerns were noted during the site inspection.



5.5 Current Uses of Adjoining Properties

During the site reconnaissance, the current uses of the surrounding properties were observed. North of the Property are asphalt-paved parking areas and driveways. East of the Property is a WSDOT paved storage area, followed by a riparian area. South of the Property is a manicured, grass-covered area, followed by Lake Washington Boulevard East. West of the Property is 25th Avenue East, followed by single-family residences.

Trileaf did not observe additional potentially adverse environmental conditions associated with the adjoining properties during the site walkover.

6. INTERVIEWS

6.1 Interview with Owner

On May 21, 2018, Trileaf contacted Mr. Gil Gurule, the ROW and Utility Lead for the WSDOT, by telephone and questioned him about the history of the Property. WSDOT has operated on the parent parcel since the early 1960s. Mr. Gurule indicated the Property itself has never been used for WSDOT activities or for the storage and use of hazardous materials. Mr. Gurule was not aware of any previous environmental reports related to the Property. Mr. Gurule stated that there is a historic landfill (Miller Street Landfill) located approximately 750 feet northeast of the Property that closed in the 1930s but was not aware of any environmental concerns associated with the landfill. The contact information for Mr. Gil Gurule is included in Appendix 9.6.

6.2 Interview with Site Manager

No site managers were reported to Trileaf in connection with the Property.

6.3 Interviews with Occupants

No residential occupants were reported to Trileaf in connection with the Property.

6.4 Interviews with Local Government Officials

On May 14, 2018, Trileaf submitted a Public Records Request (PRR) via email to the Seattle Fire Marshal's Office (SFMO) regarding any underground storage tanks, hazardous materials permits, notices of violations, and spills/releases that have occurred on the Property. On May 17, 2018, the SFMO replied via email that they estimated that they would be able to provide any requested records around June 29, 2018. The email correspondence with, and contact information for, the SFMO is included in Appendix 9.6.

6.5 Interviews with Others

No additional interviews were conducted for the purpose of this assessment.



7. EVALUATION

7.1 Findings

The Property consists of an approximately 2,200-square-foot lease area, which is proposed to contain a 125-foot monofir telecommunications tower along with its associated antennas and equipment. The Property is currently located at 2450 Lake Washington Boulevard East, Seattle, King County, Washington 98112. The past use of the Property consisted of a portion of an arboretum, a portion of the historical Lake Washington Boulevard (as a dirt road), and undeveloped land. Land surrounding the Property currently consists of a WSDOT construction staging area, Lake Washington Boulevard, undeveloped riparian areas, and residential homes.

The parent parcel of the Property was listed as five (5) ERNS listings detailing releases of construction materials into Union Bay between June 9, 2015, and May 6, 2016. A review of regulatory records did not identify any sites of concern to the Property within the specified search radii.

Trileaf did not identify RECs, CRECS, HRECs or *de minimis* conditions associated with the Property.

7.2 Vapor Encroachment

Trileaf has conducted a Vapor Encroachment Screen (VES) by evaluating historic and regulatory record sources along with soil, topographic, and groundwater data in the vicinity of the Property. The purpose of the VES is to determine the likelihood that Vapor Encroachment Conditions (VECs) exist at the Property. It should be noted that this VES was not conducted in full compliance with ASTM E2600-15; rather, this VES is the equivalent of a Tier 1 screening. Consideration of vapor encroachment consists of reviewing available information and use of professional judgment in determining 1) whether contamination is suspected in the soil and/or groundwater at, or near, the Property, and 2) whether identified contamination is suspected to exist within a 'Critical Distance' from the Property.

"Critical Distances", as defined in ASTM E2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, refer to the maximum distances at which vapor encroachment may occur. These distances vary depending on topographic and hydrologic gradient, width of the contaminant plume, and type of contaminant known, or suspected, to exist. Generally, Critical Distances are 100 feet for non-petroleum contaminants of concern (COCs) and 30 feet for dissolved petroleum COCs. If a facility is beyond the critical distance, it is highly unlikely that a VEC exists. Consideration of topographic gradient is key to defining the Areas of Concern (AOCs) within which Critical Distances are applied. When plume data is not available, AOCs are used in lieu of Critical Distance to determine whether a VEC exists or not. According to ASTM E2600, the AOCs for these critical distances are as follows:

- 1,760 feet (1/3 mile) for contamination located up-gradient of the Property, except for dissolved petroleum hydrocarbons, which have a distance of 528 feet (1/10 mile),
- 365 feet for contamination located cross-gradient of the Property,
- 100 feet for contamination located down-gradient of the Property, with the exception of dissolved petroleum hydrocarbons, which have a distance of 30 feet. If non-aqueous phase petroleum hydrocarbons (LNAPL) are present, the 100-foot distance is utilized.



Based on Trileaf's VES, this investigation has identified no potential VECs in connection with the Property.

7.3 Opinion

Trileaf found no evidence of RECs associated with the Property. It is the opinion of Trileaf that no additional investigations are necessary at this time for the purpose of identifying RECs. This opinion is based on site reconnaissance, an environmental database search report, and available historical research. Data gaps are described in Section 2.4 of this report.

7.4 Conclusions

Trileaf has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of the Property located at 2450 Lake Washington Boulevard East, Seattle, King County, Washington 98112, the *Property*. Exceptions to, or deletions from, this practice are described in Section 2.4 of this report.

This assessment has revealed no evidence of RECs in connection with the Property.



7.5 Signature(s) of Environmental Professional(s) & Others

The following environmental professionals and others of Trileaf participated in the writing of this report. This Phase I ESA was performed in accordance with the generally accepted practices in the field of environmental consulting. The analysis and recommendations indicated in this report are based upon the best current available information that could be obtained in the specified time frame. Trileaf assumes no liability for independent conclusions or recommendations made by others in conjunction with the data presented in this report.

Karen Campbell

Assistant Project Manager

Karcer Campbell

Andrew Foreman

Group Manager

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental professional* as defined in § 312.10 of 40 CFR § 312. I have the specific qualification based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Jarred Schmidy

Assistant Project Manager II

formed &

Environmental Professional

Resumes of the environmental professionals and others who participated in the preparation of this ESA are included in Appendix 9.10.

7.6 References

ASTM E1527-13

Standard Practice for Environmental Site Assessments: Phase I Environmental Site

Assessment Process Designation: E1527-13 ASTM International 100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

U.S. Geological Survey

Seattle North Quadrangle, Washington – 7.5-Minute Series (2017)

 $\underline{https://viewer.nationalmap.gov/basic/?basemap=b1\&category=ustopo\&title=US\%20Topo}\%20Download\#startUp$

Troost, K.G., Booth, D.B., Wisher, A.P., and Shimel, S.A., 2005, *The geologic map of Seattle -- a progress report*: U.S. Geological Survey, Open-File Report OF-2005-1252, scale 1:24,000

Environmental Database Resources

6 Armstrong Road, 4th Floor Shelton, CT 06484 http://edrnet.com

Google Inc. (2018)

Google Earth Pro (Version 7.3.1.4507) [Software]. Available from: http://www.google.com/earth/

Miller Street Landfill, Montlake (Seattle)

Dated January 21, 2013, prepared by Mr. John Caldbick, Associate Editor. http://www.historylink.org/File/10171

What's In My Neighborhood?

Washington Department of Ecology Database, contains all Cleanup Sites. Available from: https://fortress.wa.gov/ecy/neighborhood/

Cleanup Sites Search

Montlake Cleaners, Facility ID #14643.

https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=12574



8. NON-SCOPE SERVICES

The following additional services summarized below were requested as part of this Phase I ESA.

8.1 Wetlands

According to a desktop review of the U.S. Fish and Wildlife Service (FWS) NWI map, in addition to a U.S. Geological Survey topographic map, the site is not mapped within a wetland, and the topography does not imply hydrologic activity. In addition, during Trileaf's site reconnaissance, no obligative hydrophytic vegetation was observed within the Property boundaries. Finally, according to the soil survey referenced earlier in this report, the soil beneath the Property is not hydric. Therefore, Trileaf has determined that the Property is not located within a wetland. The NWI map is included in Appendix 9.2.

8.2 Floodplains

Trileaf reviewed the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) to determine if the Property is located within a 100-year floodplain. Based upon the FIRM, attached in Appendix 9.1, the area in which the Property is located has not yet been mapped by FEMA.



Appendix 9.1

Site Vicinity Map

Seattle North Quadrangle, Washington (2017)

Contour Interval = 20 Feet Scale 1 Inch = ~2,000 Feet

Latitude: 47.641556 Longitude: -122.298279 Township: T25N Range: R4E Section: S21



North



Crown Castle – Montlake Relo (North) 2450 Lake Washington Boulevard East Seattle, Washington 98112



Appendix 9.2

Site Plan and Other Maps



Site Plan Crown Castle – Montlake Relo (North) 2450 Lake Washington Boulevard East Seattle, Washington 98112



U.S. Fish and Wildlife Service National Wetlands Inventory



May 23, 2018

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

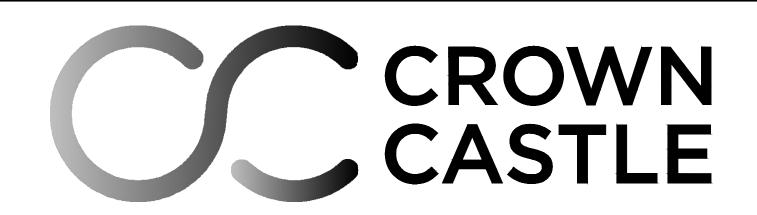
Riverine

Othe

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

PROJECT DESCRIPTION

CROWN CASTLE PROPOSES TO INSTALL A NEW 40'X55' EQUIPMENT COMPOUND AND 120' MONOPINE.



PROJECT INFORMATION

DRAWING INDEX

SITE ADDRESS: 2463 26TH AVE E

SEATTLE, WA 98112

LATITUDE: LONGITUDE: -122.298279CITY OF SEATTLE JURISDICTION:

822497-BAINBRIDGE DISPOSAL-T-1

822497-BAINBRIDGE DISPOSAL-A-1

822497-BAINBRIDGE DISPOSAL-A-4

822497-BAINBRIDGE DISPOSAL-A-2.1

47.641556

ZONING DISTRICT:

EXISTING USE: UNMANNED TELECOMMUNICATIONS FACILITY UNMANNED TELECOMMUNICATIONS FACILITY NEW USE:

CONSTRUCTION TYPE: XX A.P.N. 5605000450

TITLE SHEET

OVERALL SITE PLAN

NEW ENLARGED EQUIPMENT PLAN

NEW MONOPINE ELEVATIONS

PROJECT SCOPE: RELOCATE EXISTING SITE **B.U.N. NUMBER: 880324**

SITE NAME: PORTAGE BAY

LEASE EXHIBIT

APPLICABLE BLDG. CODES AND STANDARDS **VICINITY MAP**

> SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

[INTERNATIONAL BUILDING CODE (IBC), 2015 AS ADOPTED BY THE LOCAL JURISDICTION]

ELECTRICAL CODE:

[NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2014, NATIONAL ELECTRICAL CODE, AS ADOPTED BY THE LOCAL JURISDICTION] LIGHTNING PROTECTION CODE:

[NFPA 780 - 2002, LIGHTNING PROTECTION CODE]

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS.

AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, THIRTEENTH EDITION TIA/EIA 222-G, STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS.

TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT

IEEE C2 NATIONAL ELECTRIC SAFETY CODE, LATEST VERSION

TELCORDIA GR-1275, GENERAL INSTALLATION REQUIREMENTS

ANSI T1.311. FOR TELECOM - DC POWER SYSTEMS - TELECOM. ENVIRONMENTAL

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL

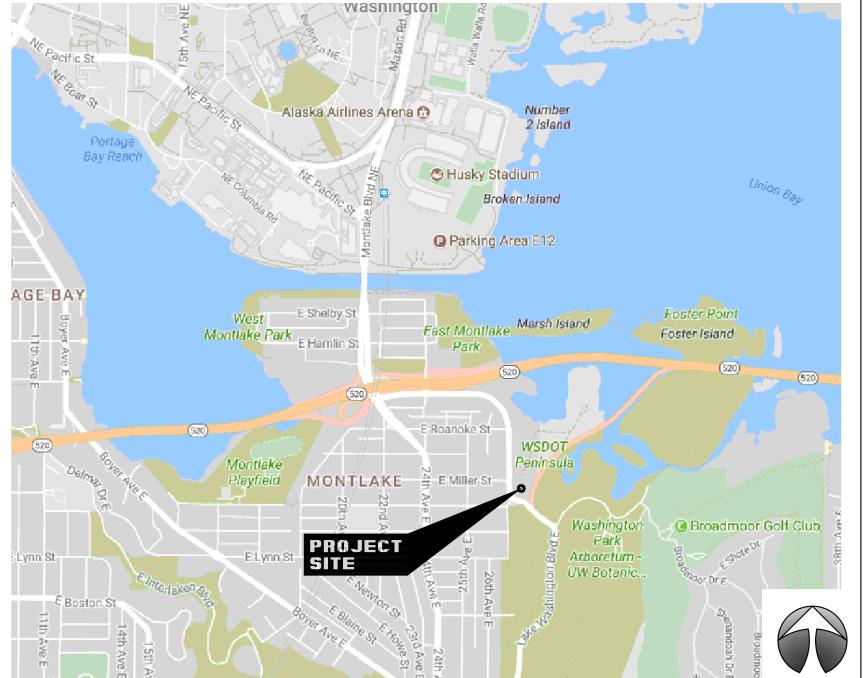
Call before you dig

REV

I-90 E TURN LEFT, TAKE EXIT 2B TO MERGE ON I-5 N, TAKE EXIT 168B FOR WA-520, TAKE EXIT FOR MONTLAKE BLVD, CONTINUE STRAIGHT ONTO LAKE WASHINGTON BLVD E. GO APPROX. 0.4 MILES TO PARKING LOT ON THE EAST SIDE OF THE ROAD. SITE IS 0.3 MILES NORTHEAST THROUGH THE PARK

DIRECTIONS AT&T MOBILITY OFFICE (16221 NE 72ND WAY REDMOND, WA 98052):

TAKE WA-509 NORTH, TAKE EXIT FOR MICHIGAN ST, GO TO 4TH AVE S TURN LEFT, GO TO



SITE PROJECT PARTICIPANTS

	NAME	COMPANY	NUMBER
A/E	CHRIS WOLFE	WYCO FIELD SERVICES, LLC	602-281-0223
RF	ANNE LE	AT&T WIRELESS	425-614-5641
LANDLORD	DOUG NELSON	TBD	206-391-1436
SITE ACQUISITION MANAGER	EDWARD RUIZ	CROWN CASTLE	713-570-3867
PROJECT MANAGER	KASHEIK McGEE	CROWN CASTLE	602-845-1748
CONSTRUCTION MANAGER	ADAMS GLENN	CROWN CASTLE	509-741-0568

LEGAL DESCRIPTION

DIG INFO

UULC: **UTILITIES UNDERGROUND LOCATION CENTER** 1-800-424-5555 OR 811

WWW.CALLBEFOREYOUDIG.ORG/WASHINGTON 3 WORKING DAYS UTILITY NOTIFICATION PRIOR TO CONSTRUCTION

SCALING DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME.

IF USING 11"x17" PLOT, DRAWINGS WILL BE AT HALF SCALE.

CHANDLER, AZ 85225



4240 E. ELWOOD ST. PHOENIX, AZ 85040

2463 26TH AVE E SEATTLE, WA 98112

SITE NUMBER 880324

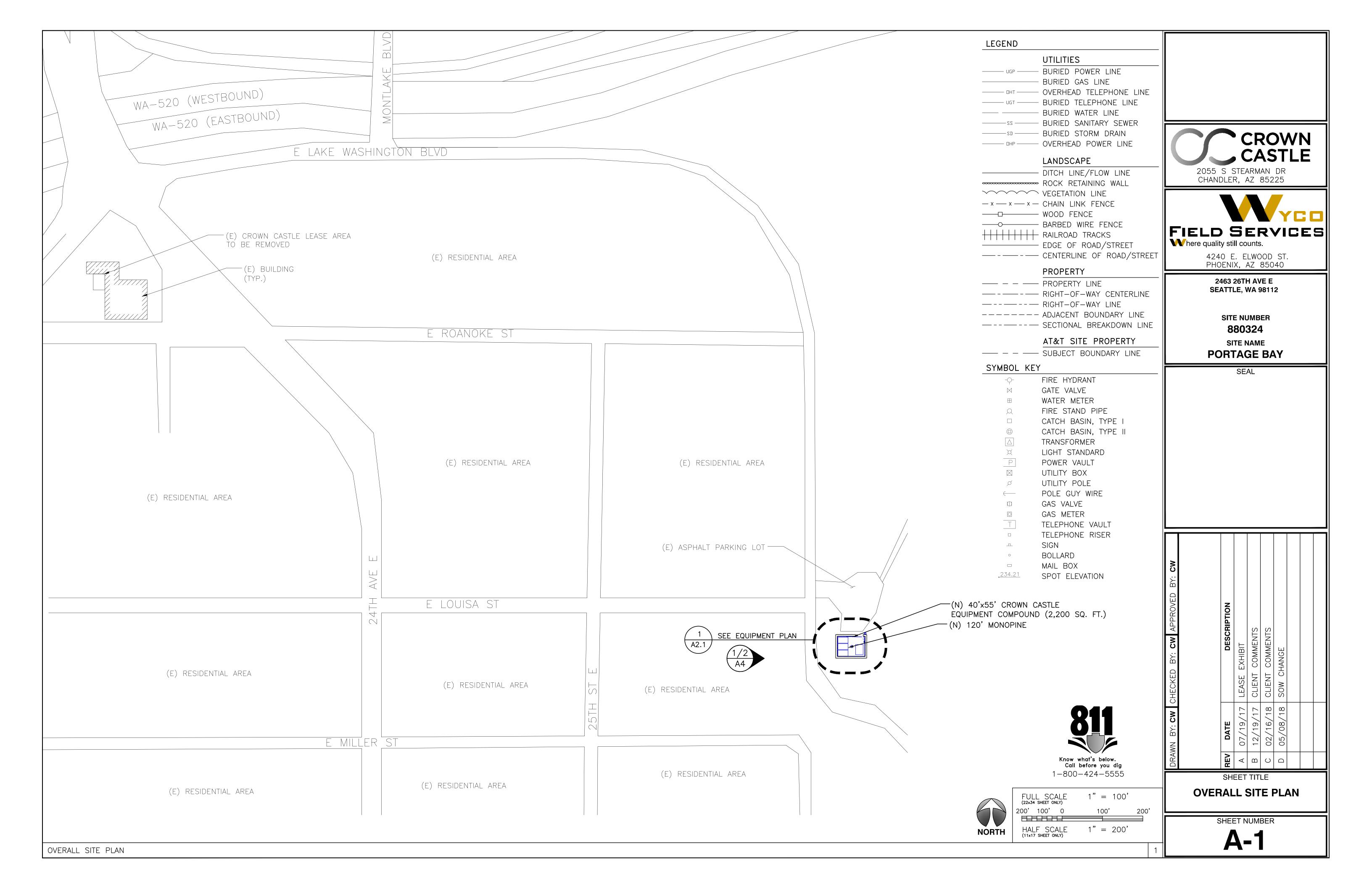
SITE NAME **PORTAGE BAY**

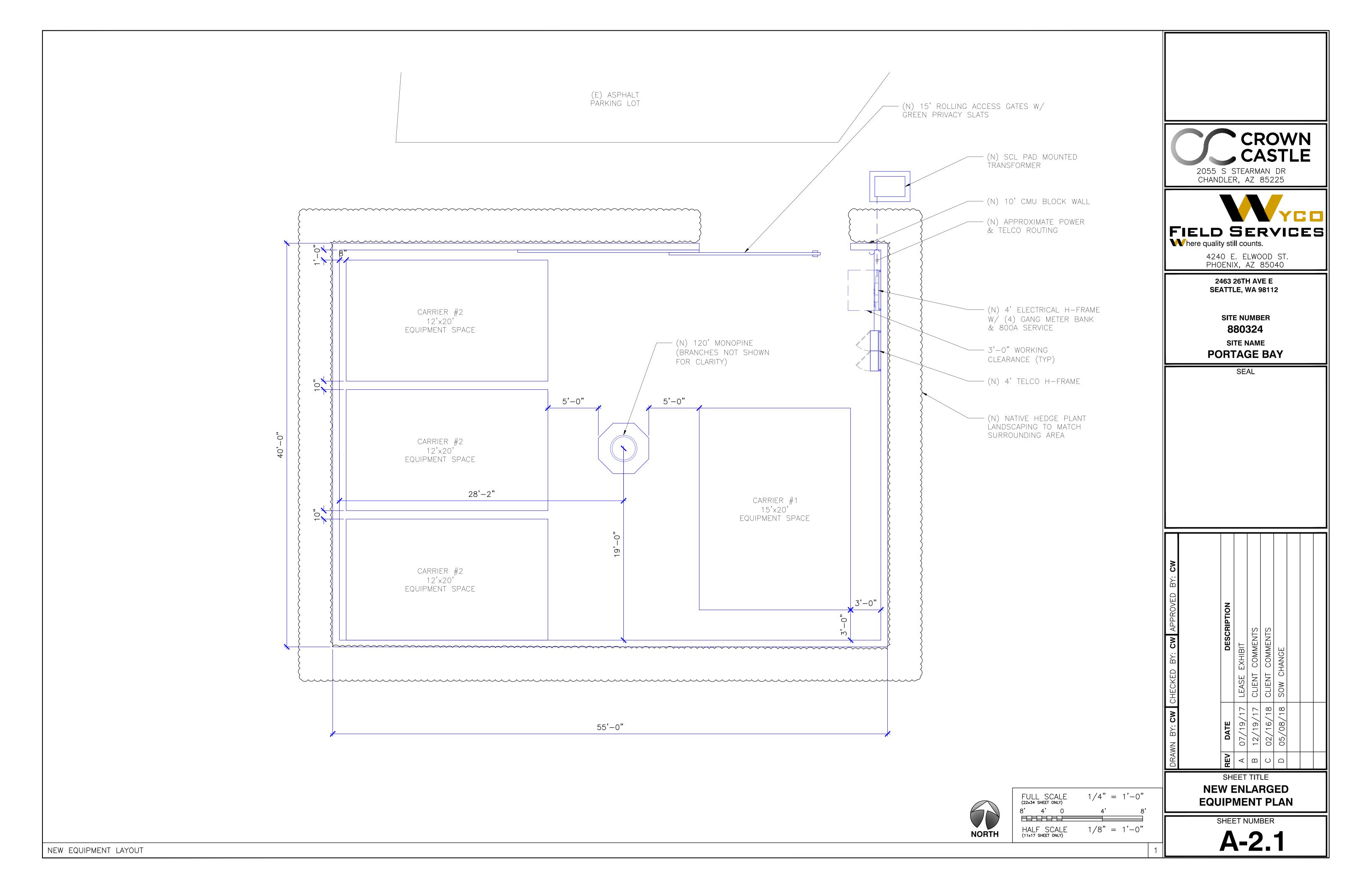
SHEET TITLE

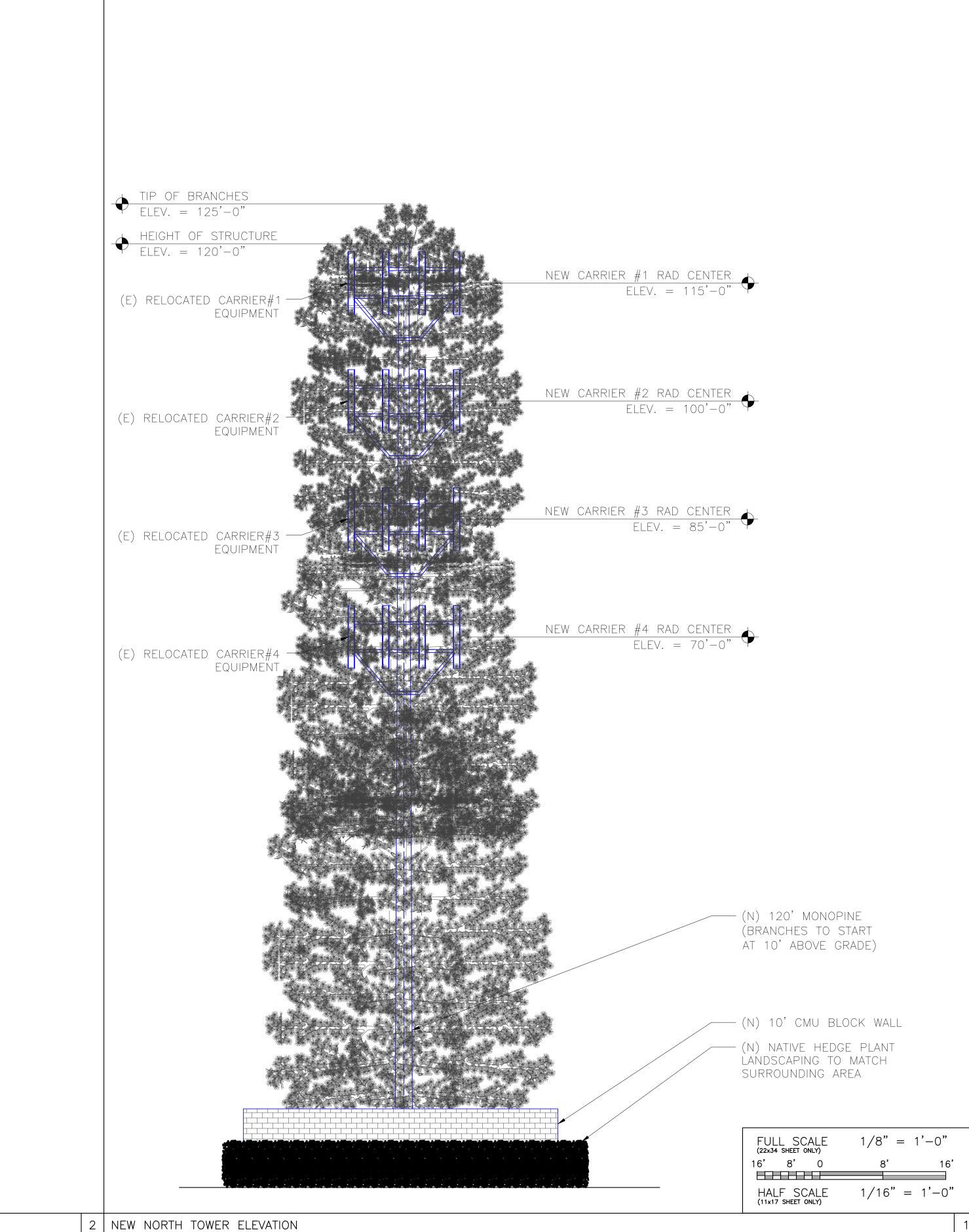
TITLE SHEET

SHEET NUMBER

T-1







NOT USED





4240 E. ELWOOD ST. PHOENIX, AZ 85040

2463 26TH AVE E SEATTLE, WA 98112

SITE NUMBER
880324
SITE NAME
PORTAGE BAY

SEAL

DRAWN BY: CW CHECKED BY: CW APPROVED BY: CW	DESCRIPTION	LEASE EXHIBIT	12/19/17 CLIENT COMMENTS	CLIENT COMMENTS	SOW CHANGE		
WN BY: CW	DATE	07/19/17	12/19/17	02/16/18	05/08/18		
DRA	REV	A	В	С	D		
	SH	EET	TIT	LE			

NEW
TOWER ELEVATIONS

SHEET NUMBER

A-4

Appendix 9.3

Site Photographs



Site Photograph 1 – Looking north at the Property



Site Photograph 2 – Looking south at the Property

Crown Castle – Montlake Relo (North) 2450 Lake Washington Boulevard East Seattle, Washington 98112



Site Photograph 3 – Looking east at the Property



Site Photograph 4 – Looking west at the Property

Crown Castle – Montlake Relo (North) 2450 Lake Washington Boulevard East Seattle, Washington 98112



Site Photograph 5 – Looking north away from the Property

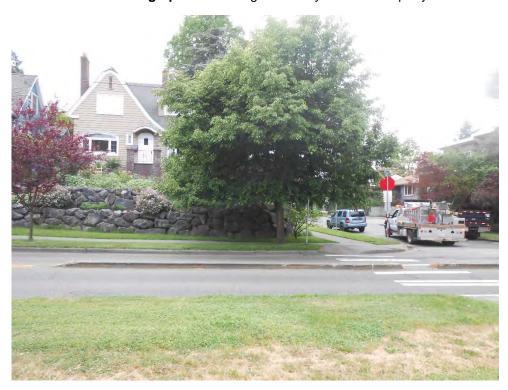


Site Photograph 6 – Looking south away from the Property

Crown Castle – Montlake Relo (North) 2450 Lake Washington Boulevard East Seattle, Washington 98112



Site Photograph 7 – Looking east away from the Property



Site Photograph 8 – Looking west away from the Property

Crown Castle – Montlake Relo (North) 2450 Lake Washington Boulevard East Seattle, Washington 98112



Site Photograph 9 – Looking north along the access road



Site Photograph 10 – Looking south along the access road

Crown Castle – Montlake Relo (North) 2450 Lake Washington Boulevard East Seattle, Washington 98112



Site Photograph 11 – Looking northwest along the power route



Site Photograph 12 – Looking southeast along the power route

Crown Castle – Montlake Relo (North) 2450 Lake Washington Boulevard East Seattle, Washington 98112

Appendix 9.4

Historical Research Documentation

PORTAGE BAY 2508 Lake Washington Boulevard East Seattle, WA 98112

Inquiry Number: 5293227.4

May 15, 2018

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

05/15/18

Site Name: Client Name:

PORTAGE BAY 2508 Lake Washington Bouleva

Seattle, WA 98112

EDR Inquiry # 5293227.4

Trileaf Corporation 10845 Olive Boulevard St. Louis, MO 63141 Contact: Karen Campbell



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Trileaf Corporation were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Res	ults:	Coordinates:	Coordinates:			
P.O.#	640296	Latitude:	47.641556 47° 38' 30" North			
Project:	640296	Longitude:	-122.298278 -122° 17' 54" West			
•		UTM Zone:	Zone 10 North			
		UTM X Meters:	552706.75			
		UTM Y Meters:	5276700.42			
		Elevation:	36.48' above sea level			
Maps Provid	ded:					
2014	1894					
1983						
1968						

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2014 Source Sheets





Seattle North

tle North Sea

7.5-minute, 24000

7.5-minute, 24000

1983 Source Sheets



Seattle South

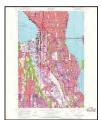
7.5-minute, 25000 Aerial Photo Revised 1977



Seattle North

7.5-minute, 25000 Aerial Photo Revised 1977

1968 Source Sheets



Seattle South

7.5-minute, 24000 Aerial Photo Revised 1968



Seattle North

7.5-minute, 24000 Aerial Photo Revised 1968

1949 Source Sheets



Seattle North

7.5-minute, 24000 Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1909 Source Sheets



Seattle Special

15-minute, 62500



Seattle

15-minute, 62500

1908 Source Sheets



Seattle

15-minute, 62500

1897 Source Sheets



Seattle

30-minute, 125000



Snohomish

30-minute, 125000

1895 Source Sheets



Snohomish

30-minute, 125000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1894 Source Sheets



Seattle

15-minute, 62500

W

SW

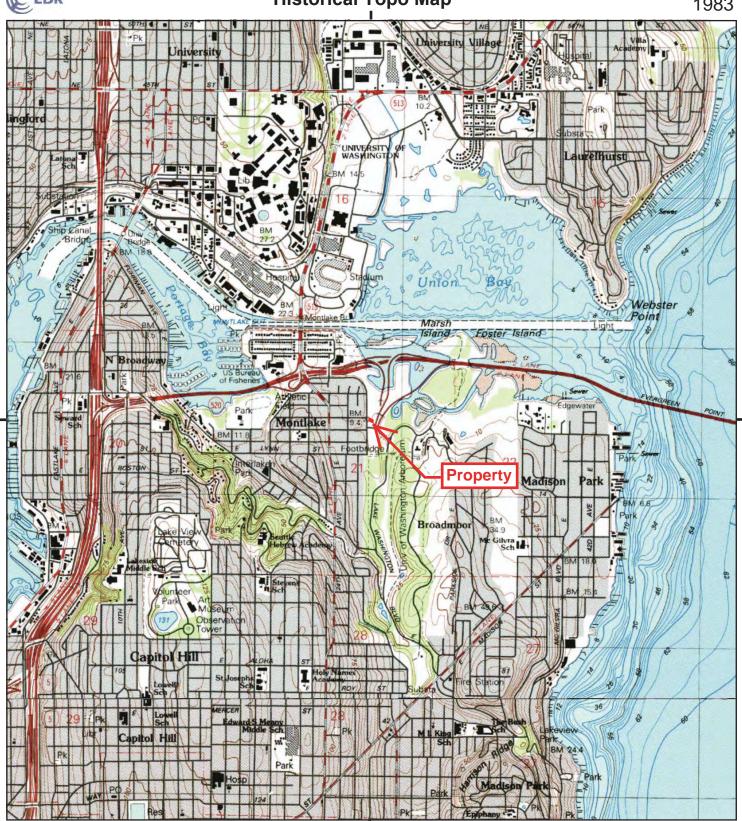
S

SE

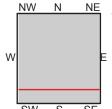
Seattle, WA 98112

Trileaf Corporation

CLIENT:



This report includes information from the following map sheet(s).



TP, Seattle North, 1983, 7.5-minute SW, Seattle South, 1983, 7.5-minute SITE NAME: PORTAGE BAY

0.25

0 Miles

2508 Lake Washington Boulevard East ADDRESS:

Seattle, WA 98112

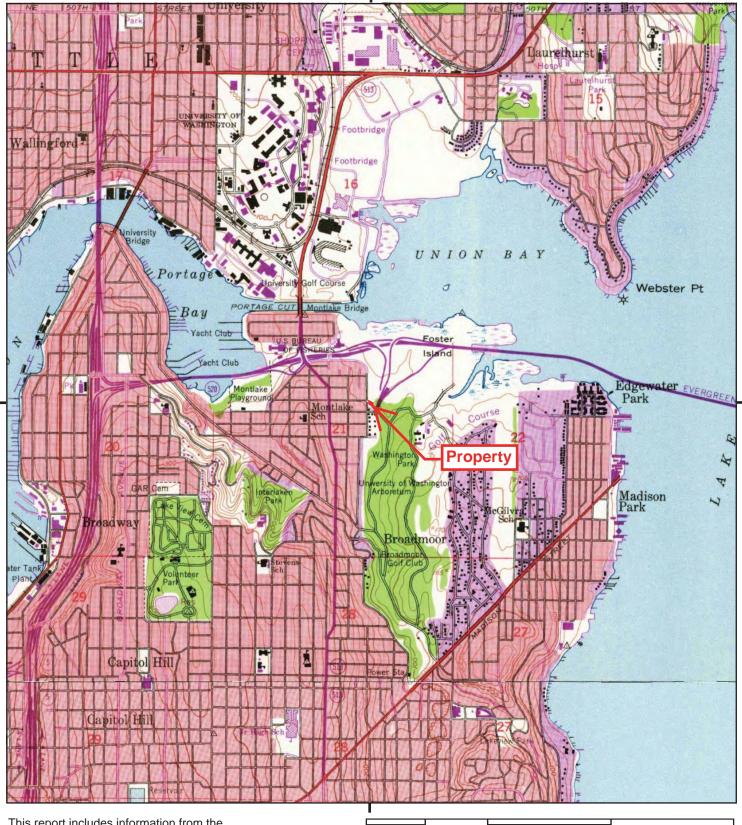
Trileaf Corporation CLIENT:

0.5

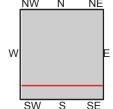


1.5





This report includes information from the following map sheet(s).



TP, Seattle North, 1968, 7.5-minute S, Seattle South, 1968, 7.5-minute

SITE NAME: PORTAGE BAY

0.25

0 Miles

ADDRESS: 2508 Lake Washington Boulevard East

Seattle, WA 98112

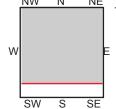
CLIENT: Trileaf Corporation

0.5



1.5

This report includes information from the following map sheet(s).



TP, Seattle North, 1949, 7.5-minute



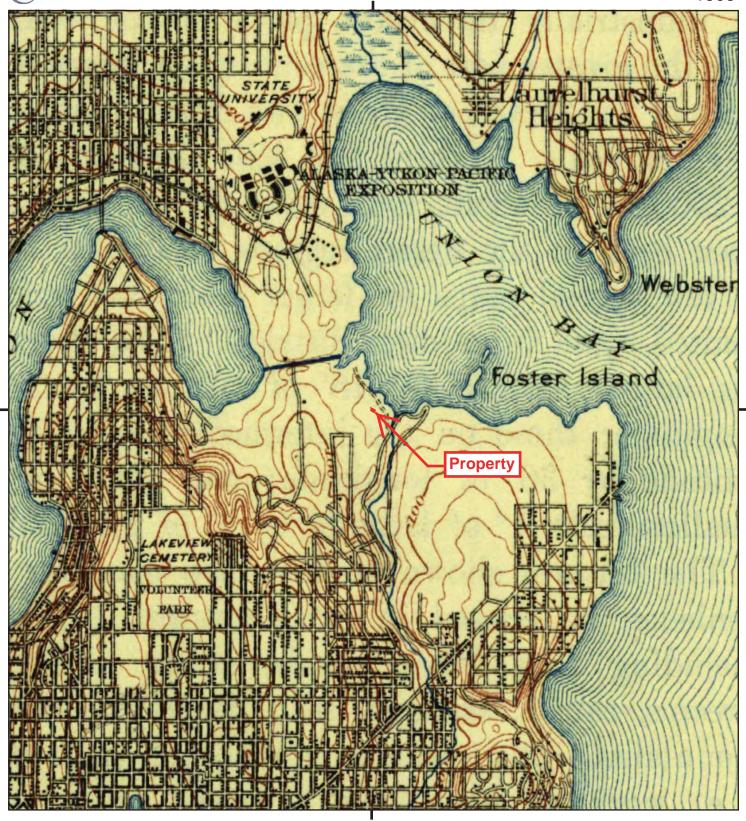
SITE NAME: PORTAGE BAY

ADDRESS: 2508 Lake Washington Boulevard East

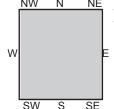
Seattle, WA 98112

CLIENT: Trileaf Corporation





This report includes information from the following map sheet(s).



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SITE NAME: PORTAGE BAY

0.25

0 Miles

2508 Lake Washington Boulevard East ADDRESS:

Seattle, WA 98112

Trileaf Corporation CLIENT:

0.5



1.5

NW N NE TP, Seattle, 1908, 15-minute
W

SITE NAME: PORTAGE BAY

ADDRESS: 2508 Lake Washington Boulevard East

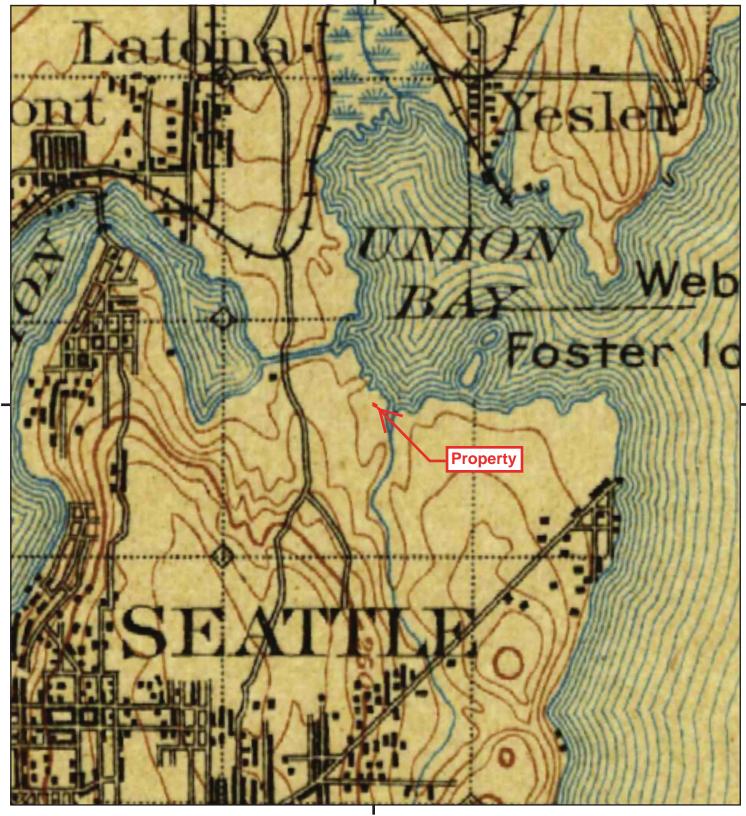
Seattle, WA 98112

CLIENT: Trileaf Corporation

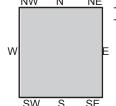


page 11





This report includes information from the following map sheet(s).



TP, Seattle, 1897, 30-minute TP, Snohomish, 1897, 30-minute



SITE NAME: PORTAGE BAY

ADDRESS: 2508 Lake Washington Boulevard East

Seattle, WA 98112

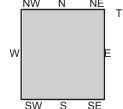
CLIENT: Trileaf Corporation







This report includes information from the following map sheet(s).



TP, Snohomish, 1895, 30-minute

0 Miles 0.25 0.5 1 1.5

SITE NAME: PORTAGE BAY

ADDRESS: 2508 Lake Washington Boulevard East

Seattle, WA 98112

CLIENT: Trileaf Corporation



Trileaf Corporation

CLIENT:

PORTAGE BAY

2508 Lake Washington Boulevard East Seattle, WA 98112

Inquiry Number: 5293227.8

May 15, 2018

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

05/15/18

Site Name: Client Name:

PORTAGE BAY
2508 Lake Washington Bouleva
Seattle, WA 98112

EDR Inquiry # 5293227.8

Trileaf Corporation 10845 Olive Boulevard St. Louis, MO 63141 Contact: Karen Campbell



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	Scale	<u>Details</u>	Source
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1990	1"=500'	Acquisition Date: July 10, 1990	USGS/DOQQ
1985	1"=500'	Flight Date: May 21, 1985	NRWA
1980	1"=500'	Flight Date: July 08, 1980	USDA
1977	1"=500'	Flight Date: September 05, 1977	USGS
1969	1"=500'	Flight Date: June 30, 1969	USGS
1965	1"=500'	Flight Date: July 30, 1965	NRWA
1953	1"=500'	Flight Date: September 15, 1953	U of WA
1943	1"=500'	Flight Date: March 05, 1943	DIA
1936	1"=500'	Flight Date: January 01, 1936	KCDOT

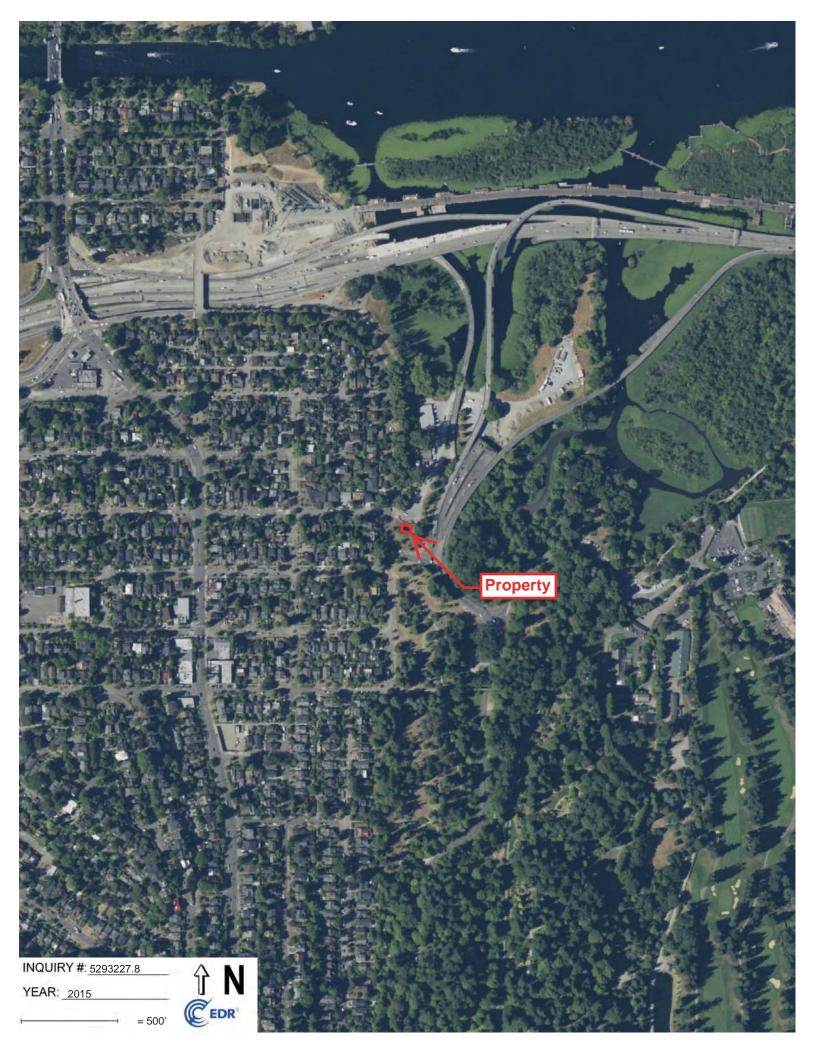
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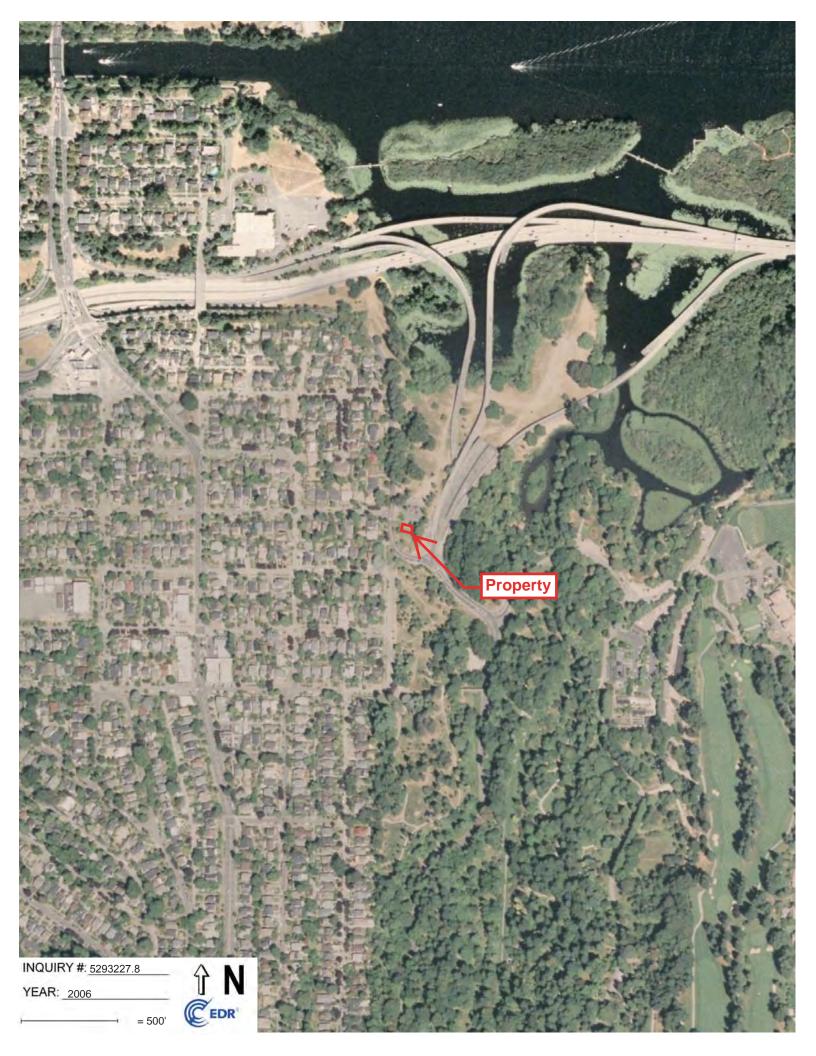
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PORTAGE BAY 2508 Lake Washington Boulevard East Seattle, WA 98112

Inquiry Number: 5293227.3

May 15, 2018

Certified Sanborn® Map Report



Certified Sanborn® Map Report

05/15/18

Site Name: Client Name:

PORTAGE BAY

2508 Lake Washington Boulevard
Seattle, WA 98112

EDR Inquiry # 5293227.3

Trileaf Corporation

10845 Olive Boulevard
St. Louis, MO 63141
Contact: Karen Campbell



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Trileaf Corporation were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # C874-4EC5-8C8C

PO # 640296 Project 640296

Maps Provided:

1969

1950

1917



Sanborn® Library search results

Certification #: C874-4EC5-8C8C

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

University Publications of America

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.



1969 Source Sheets



Volume 4, Sheet 457



Volume 4, Sheet 499e



Volume 4, Sheet 499f

1950 Source Sheets



Volume 1, Sheet xxxx



Volume 4, Sheet 457



Volume 4, Sheet 499e



Volume 4, Sheet 499f

1917 Source Sheets



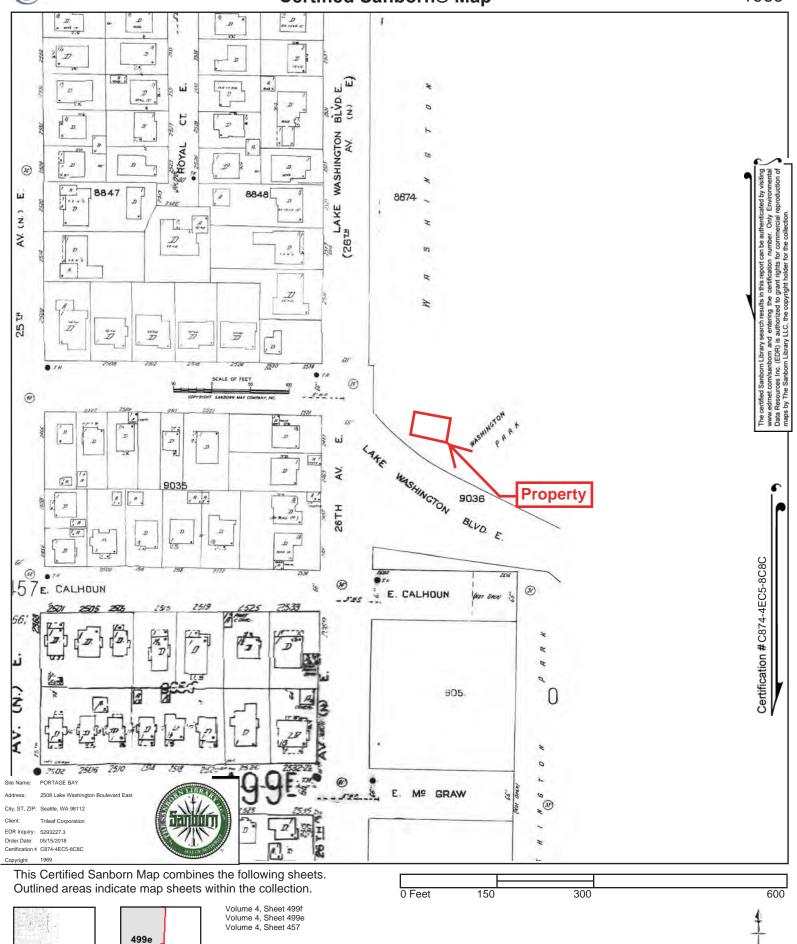
Volume 4, Sheet 457

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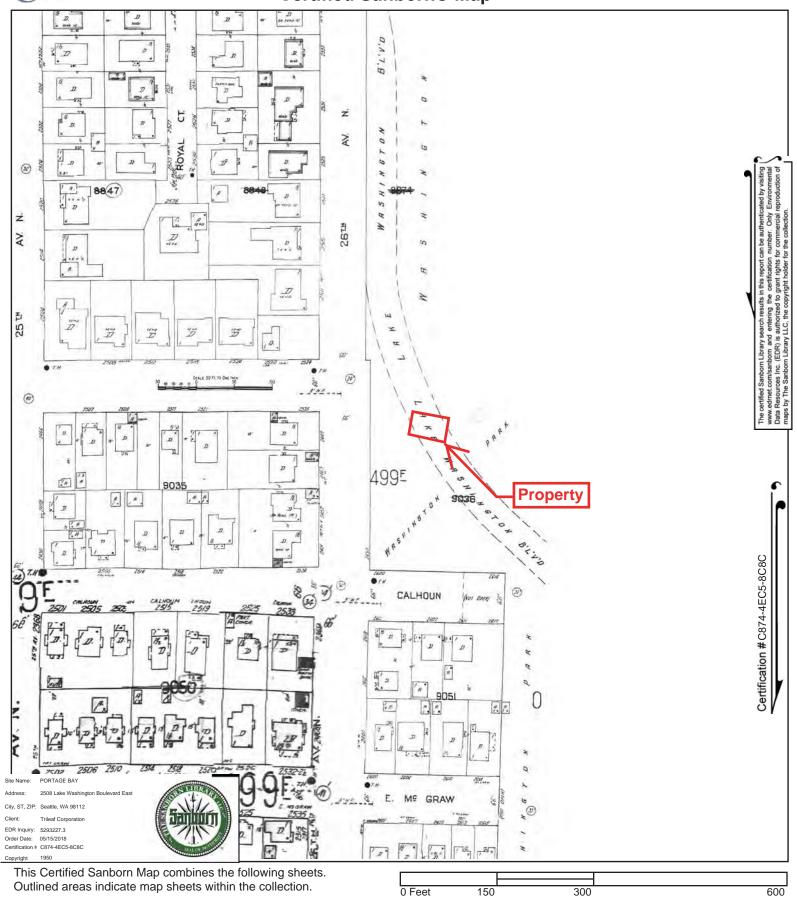
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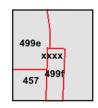
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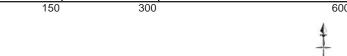






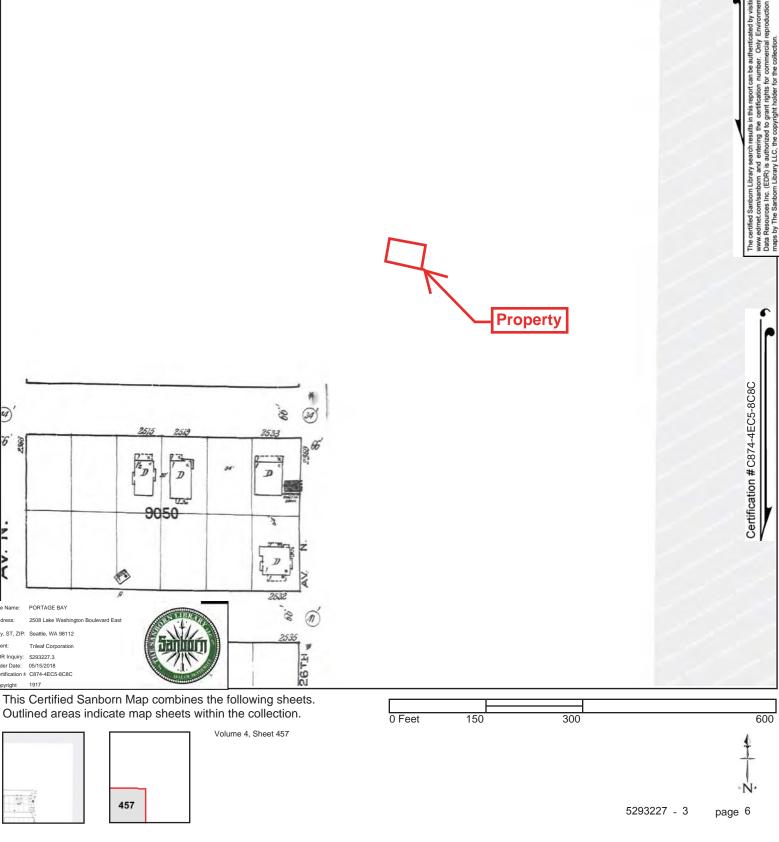


Volume 4, Sheet 499f Volume 4, Sheet 499e Volume 4, Sheet 457 Volume 1, Sheet xxxx



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Appendix 9.5

Regulatory Records Documentation

PORTAGE BAY

2508 Lake Washington Boulevard East Seattle, WA 98112

Inquiry Number: 5293227.2s

May 15, 2018

The EDR Radius Map™ Report with GeoCheck®



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

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2508 LAKE WASHINGTON BOULEVARD EAST SEATTLE, WA 98112

COORDINATES

Latitude (North): 47.6415560 - 47° 38' 29.60" Longitude (West): 122.2982780 - 122° 17' 53.80"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 552708.4 UTM Y (Meters): 5276481.5

Elevation: 36 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6005541 SEATTLE NORTH, WA

Version Date: 2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150807 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 2508 LAKE WASHINGTON BOULEVARD EAST SEATTLE, WA 98112

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS E	ELATIVE LEVATION	DIST (ft. & mi.) DIRECTION
A1		2508 LAKE WASHINGTON	ERNS		TP
A2		2508 LAKE WASHINGTON	ERNS		TP
A3		2508 LAKE WASHINGTON	ERNS		TP
A4		2508 LAKE WASHINGTON	ERNS		TP
A5		2508 EAST LAKE WASHI	ERNS		TP
B6	JAYS DRYCLEANERS	2350 24TH AVE E	HSL, CSCSL, LUST, ALLSITES, RCRA NonGen / NLR,	Higher	1025, 0.194, SW
B7	CIRCLE K #1461	2350 24TH AVE. E.	ICR	Higher	1025, 0.194, SW
B8	CIRCLE K 1461	2350 24TH AVE E	UST	Higher	1025, 0.194, SW
B9	MONTLAKE CLEANERS	2311 2313 2315 24TH	CSCSL, VCP, ALLSITES, DRYCLEANERS	Higher	1087, 0.206, WSW
B10	MASON APARTMENTS	2401 E LYNN ST	UST	Higher	1118, 0.212, SW
B11	MASON APARTMENTS	2401 E LYNN ST	CSCSL, LUST, ALLSITES, SPILLS	Higher	1118, 0.212, SW
C12	EXXON MOBIL OIL CORP	2200 24TH AVE E	RCRA NonGen / NLR	Higher	1221, 0.231, SW
C13	MOBIL #99 MPB	2200 24TH AVE. E.	ICR	Higher	1221, 0.231, SW
C14	MOBIL STATION 99-MPB	2200 24TH AVE E	CSCSL, LUST, UST, VCP, ALLSITES, MANIFEST	Higher	1221, 0.231, SW
C15	MOBIL STATION 99MPB	2200 24TH AVE E	FINDS, MANIFEST	Higher	1221, 0.231, SW
16	WA DOT SR 520 24TH W	24TH AVE E & SR 520	CSCSL, ALLSITES	Lower	1399, 0.265, NNW
17	TEUTSCH PROPERTY	1961 26TH AVE E	CSCSL, ALLSITES, SPILLS	Higher	1483, 0.281, SSW
D18	AT&T WIRELESS MONTLA	2605 22ND AVE E	ALLSITES, FINDS	Higher	1542, 0.292, WNW
D19	MONTLAKE TEXACO	2625 E MONTLAKE PL	UST, ALLSITES	Higher	1615, 0.306, WNW
E20	NATIONAL MARINE FISH	2725 MONTLAKE BLVD.	ICR	Higher	2054, 0.389, NW
E21	NW FISHERIES SCIENCE	2725 MONTLAKE BLVD,	RCRA-SQG, CSCSL, LUST, UST, ALLSITES, PADS, FINDS	, Higher	2054, 0.389, NW
22	GEOSAFE CORP	U OF W MORE HALL STE	ALLSITES, RCRA NonGen / NLR	Higher	2159, 0.409, South
F23	BROADMOOR GULF CLUB	2340 BROADMOOR DR. E	ICR	Higher	2161, 0.409, SE
F24	BROADMOOR GOLF CLUB	2340 BROADMOOR DR E	UST, ALLSITES, CSCSL NFA	Higher	2161, 0.409, SE
F25	BROADMOOR GOLF CLUB	2340 BROADMOOR DR E	ALLSITES, Financial Assurance	Higher	2161, 0.409, SE
26	GRAHAM HEATING OIL T	1928 E BLAINE ST	ALLSITES, SPILLS	Higher	2198, 0.416, WSW
27	FLATIRON FOSTER ISLA	WSDOT SR 520 WEST AP	ALLSITES, CSCSL NFA	Lower	2267, 0.429, NE
28	WA UW WASHINGTON PAR	2300 ARBORETUM DR E	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO,	Higher	2324, 0.440, SSE
29	GINIGER PROPERTY	1814 E. LYNN	ICR	Higher	2500, 0.473, WSW
30	ROSTOMILY PROPERTY	1633 E CALHOUN ST	CSCSL, ALLSITES, FINDS	Lower	2674, 0.506, West
31	WTD-INTERBAY PUMP ST	1601 WEST GARFIELD S	CSCSL, LUST, UST, ALLSITES	Higher	4158, 0.788, SW
32	QUEEN CITY YACHT CLU	2608 BOYER AVE E	CSCSL, ALLSITES, SPILLS	Lower	4165, 0.789, WNW
33	WA UW POWER PLANT DR	MASON RD & JEFFERSON	CSCSL, ALLSITES	Higher	4195, 0.795, NNW
34	MADISON PARK TEXACO	4000 E MADISON	CSCSL, LUST, UST, VCP, ALLSITES	Higher	5045, 0.955, ESE
35	BOAT STREET MARINA	1401 BOAT ST	CSCSL, BROWNFIELDS, ALLSITES, SPILLS	Lower	5209, 0.987, NW

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
2508 LAKE WASHINGTON 2508 LAKE WASHINGTON SEATTLE, WA 98112	ERNS NRC Report #: 1119514	N/A
2508 LAKE WASHINGTON 2508 LAKE WASHINGTON SEATTLE, WA	ERNS NRC Report #: 1124000	N/A
2508 LAKE WASHINGTON 2508 LAKE WASHINGTON SEATTLE, WA 98112	ERNS NRC Report #: 1147127	N/A
2508 LAKE WASHINGTON 2508 LAKE WASHINGTON SEATTLE, WA	ERNS NRC Report #: 1122256	N/A
2508 EAST LAKE WASHI 2508 EAST LAKE WASHI SEATTLE, WA 98112	ERNS NRC Report #: 1145268	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
NPL LIENS	Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list	
	Federal Facility Site Information listing Superfund Enterprise Management System
Federal CERCLIS NFRAP si	te list
SEMS-ARCHIVE	Superfund Enterprise Management System Archive
Federal RCRA CORRACTS	facilities list
CORRACTS	Corrective Action Report
Federal RCRA non-CORRA	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Federal RCRA generators li	st
RCRA-SQG	RCRA - Large Quantity Generators RCRA - Small Quantity Generators RCRA - Conditionally Exempt Small Quantity Generator
Federal institutional control	ls / engineering controls registries
US ENG CONTROLS	Land Use Control Information System Engineering Controls Sites List Sites with Institutional Controls
State and tribal landfill and/	or solid waste disposal site lists
SWF/LF	Solid Waste Facility Database
State and tribal leaking stor	rage tank lists
NDIAN LUST	Leaking Underground Storage Tanks on Indian Land
State and tribal registered s	storage tank lists
AST	Underground Storage Tank Listing Aboveground Storage Tank Locations Underground Storage Tanks on Indian Land
State and tribal institutional	control / engineering control registries
NST CONTROL	. Institutional Control Site List
State and tribal voluntary cl	leanup sites
NDIAN VCP	Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Clandestine Drug Lab Contaminated Site List
HIST CDL.... List of Sites Contaminated by Clandestine Drug Labs
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS...... Reported Spills

SPILLS 90 data from FirstSearch

Other Ascertainable Records

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TRIS...... Toxic Chemical Release Inventory System

RAATS....... RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

Act)/TSCA (Toxic Substances Control Act)

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER_____PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

US MINES..... Mines Master Index File ABANDONED MINES..... Abandoned Mines

UXO...... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing

FUELS PROGRAM..... EPA Fuels Program Registered Listing AIRS...... Washington Emissions Data System

ASBESTOS..... ASBESTOS

COAL ASH...... Coal Ash Disposal Site Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS 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. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in bold italics are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent NPL

HSL: 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).

A review of the HSL list, as provided by EDR, and dated 02/21/2018 has revealed that there is 1 HSL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAYS DRYCLEANERS	2350 24TH AVE E	SW 1/8 - 1/4 (0.194 mi.)	B6	8
Facility Type: Hazardous Sites List				
FSID Number: 2322				

Facility Status: Cleanup Started

State- and tribal - equivalent CERCLIS

CSCSL: The State Hazardous Waste Sites 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. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, and dated 01/17/2018 has revealed that there are 13 CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAYS DRYCLEANERS Site Status: Cleanup Started Facility ID: 2322 Clean Up Siteid: 5089	2350 24TH AVE E	SW 1/8 - 1/4 (0.194 mi.)	B6	8
MONTLAKE CLEANERS Site Status: Cleanup Started Facility ID: 14643 Clean Up Siteid: 12574	2311 2313 2315 24TH	WSW 1/8 - 1/4 (0.206 mi.)	В9	27
MASON APARTMENTS Site Status: Awaiting Cleanup Facility ID: 7909 Clean Up Siteid: 12517	2401 E LYNN ST	SW 1/8 - 1/4 (0.212 mi.)	B11	31
MOBIL STATION 99-MPB Site Status: Cleanup Started Facility ID: 24792884 Clean Up Siteid: 5757	2200 24TH AVE E	SW 1/8 - 1/4 (0.231 mi.)	C14	40
TEUTSCH PROPERTY Site Status: Awaiting Cleanup Facility ID: 14615 Clean Up Siteid: 12088	1961 26TH AVE E	SSW 1/4 - 1/2 (0.281 mi.)	17	64
NW FISHERIES SCIENCE	2725 MONTLAKE BLVD,	NW 1/4 - 1/2 (0.389 mi.)	E21	70

Site Status: Cleanup Started Facility ID: 43881153 Clean Up Siteid: 9202				
WTD-INTERBAY PUMP ST Site Status: Cleanup Started Facility ID: 56292726 Clean Up Siteid: 9735	1601 WEST GARFIELD S	SW 1/2 - 1 (0.788 mi.)	31	242
WA UW POWER PLANT DR Site Status: Awaiting Cleanup Facility ID: 7508 Clean Up Siteid: 11382	MASON RD & JEFFERSON	NNW 1/2 - 1 (0.795 mi.)	33	248
MADISON PARK TEXACO Site Status: Cleanup Started Facility ID: 10554734 Clean Up Siteid: 5519	4000 E MADISON	ESE 1/2 - 1 (0.955 mi.)	34	250
Lower Elevation	Address	Direction / Distance	Map ID	Page
WA DOT SR 520 24TH W Site Status: Awaiting Cleanup Facility ID: 24847 Clean Up Siteid: 12906	24TH AVE E & SR 520	NNW 1/4 - 1/2 (0.265 mi.)	16	63
ROSTOMILY PROPERTY Site Status: Awaiting Cleanup Facility ID: 2216199 Clean Up Siteid: 4548	1633 E CALHOUN ST	W 1/2 - 1 (0.506 mi.)	30	241
QUEEN CITY YACHT CLU Site Status: Awaiting Cleanup Facility ID: 49595538 Clean Up Siteid: 3432	2608 BOYER AVE E	WNW 1/2 - 1 (0.789 mi.)	32	246
BOAT STREET MARINA Site Status: Cleanup Started Facility ID: 3690385 Clean Up Siteid: 400	1401 BOAT ST	NW 1/2 - 1 (0.987 mi.)	35	255

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAYS DRYCLEANERS	2350 24TH AVE E	SW 1/8 - 1/4 (0.194 mi.)	B6	8
Database: LUST, Date of Government	ent Version: 02/13/2018			
Facility Status: Cleanup Started				
Cleanup Site ID: 5089				
Facility ID: 2322				
MASON APARTMENTS	2401 E LYNN ST	SW 1/8 - 1/4 (0.212 mi.)	B11	31
Database: LUST, Date of Government	ent Version: 02/13/2018	•		

Facility Status: Awaiting Cleanup

Cleanup Site ID: 12517 Facility ID: 7909

MOBIL STATION 99-MPB 2200 24TH AVE E SW 1/8 - 1/4 (0.231 mi.) C14 40

Database: LUST, Date of Government Version: 02/13/2018

Facility Status: Cleanup Started

Cleanup Site ID: 5757 Facility ID: 24792884

NW FISHERIES SCIENCE 2725 MONTLAKE BLVD, NW 1/4 - 1/2 (0.389 mi.) E21 70

Database: LUST, Date of Government Version: 02/13/2018

Facility Status: Cleanup Started

Cleanup Site ID: 9202 Facility ID: 43881153

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 05/01/2018 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CIRCLE K 1461 Site Id: 5754 Facility ID: 2322	2350 24TH AVE E	SW 1/8 - 1/4 (0.194 mi.)	B8	25
MASON APARTMENTS Site Id: 620185 Facility ID: 7909	2401 E LYNN ST	SW 1/8 - 1/4 (0.212 mi.)	B10	31
MOBIL STATION 99-MPB Site Id: 403305 Facility ID: 24792884	2200 24TH AVE E	SW 1/8 - 1/4 (0.231 mi.)	C14	40

State and tribal voluntary cleanup sites

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 01/17/2018 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
MONTLAKE CLEANERS 2311 2313 2315 24TH Facility ID: 14643 Cleanup Siteid: 12574		WSW 1/8 - 1/4 (0.206 mi.)	В9	27	
MOBIL STATION 99-MPB	2200 24TH AVE E	SW 1/8 - 1/4 (0.231 mi.)	C14	40	

Facility ID: 24792884 Cleanup Siteid: 5757

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 5 ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CIRCLE K #1461	2350 24TH AVE. E.	SW 1/8 - 1/4 (0.194 mi.)	B7	23
MOBIL #99 MPB	2200 24TH AVE. E.	SW 1/8 - 1/4 (0.231 mi.)	C13	37
NATIONAL MARINE FISH	2725 MONTLAKE BLVD.	NW 1/4 - 1/2 (0.389 mi.)	E20	69
BROADMOOR GULF CLUB	2340 BROADMOOR DR. E	SE 1/4 - 1/2 (0.409 mi.)	F23	210
GINIGER PROPERTY	1814 E. LYNN	WSW 1/4 - 1/2 (0.473 mi.)	29	241

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the ALLSITES list, as provided by EDR, and dated 02/01/2018 has revealed that there are 15 ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
JAYS DRYCLEANERS Facility Id: 2322 Facility Id: 75445881	2350 24TH AVE E	SW 1/8 - 1/4 (0.194 mi.)	B6	8	
MONTLAKE CLEANERS Facility Id: 14643	2311 2313 2315 24TH	WSW 1/8 - 1/4 (0.206 mi.)	B9	27	
MASON APARTMENTS Facility Id: 7909	2401 E LYNN ST	SW 1/8 - 1/4 (0.212 mi.)	B11	31	
<i>MOBIL STATION 99-MPB</i> Facility Id: 24792884	2200 24TH AVE E	SW 1/8 - 1/4 (0.231 mi.)	C14	40	
TEUTSCH PROPERTY Facility Id: 14615	1961 26TH AVE E	SSW 1/4 - 1/2 (0.281 mi.)	17	64	
AT&T WIRELESS MONTLA Facility Id: 6897318	2605 22ND AVE E	WNW 1/4 - 1/2 (0.292 mi.)	D18	66	
MONTLAKE TEXACO Facility ld: 47724816	2625 E MONTLAKE PL	WNW 1/4 - 1/2 (0.306 mi.)	D19	67	
NW FISHERIES SCIENCE Facility ld: 43881153	2725 MONTLAKE BLVD,	NW 1/4 - 1/2 (0.389 mi.)	E21	70	
GEOSAFE CORP Facility Id: 54413667	U OF W MORE HALL STE	S 1/4 - 1/2 (0.409 mi.)	22	208	
BROADMOOR GOLF CLUB	2340 BROADMOOR DR E	SE 1/4 - 1/2 (0.409 mi.)	F24	210	

Facility Id: 31812733				
BROADMOOR GOLF CLUB Facility Id: 9115	2340 BROADMOOR DR E	SE 1/4 - 1/2 (0.409 mi.)	F25	213
GRAHAM HEATING OIL T Facility Id: 12447	1928 E BLAINE ST	WSW 1/4 - 1/2 (0.416 mi.)	26	214
WA UW WASHINGTON PAR Facility Id: 10352 Facility Id: 12491789	2300 ARBORETUM DR E	SSE 1/4 - 1/2 (0.440 mi.)	28	216
Lower Elevation	Address	Direction / Distance	Map ID	Page
WA DOT SR 520 24TH W Facility Id: 24847	24TH AVE E & SR 520	NNW 1/4 - 1/2 (0.265 mi.)	16	63
FLATIRON FOSTER ISLA Facility Id: 9404	WSDOT SR 520 WEST AP	NE 1/4 - 1/2 (0.429 mi.)	27	215

CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the CSCSL NFA list, as provided by EDR, and dated 01/17/2018 has revealed that there are 2 CSCSL NFA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
BROADMOOR GOLF CLUB Facility/Site Id: 31812733 CS Id: 8685	y/Site Id: 31812733		F24	210	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
FLATIRON FOSTER ISLA Facility/Site Id: 9404 CS Id: 12755	WSDOT SR 520 WEST AP	NE 1/4 - 1/2 (0.429 mi.)	27	215	

Other Ascertainable Records

RCRA NonGen / NLR: 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.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/11/2017 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
JAYS DRYCLEANERS	2350 24TH AVE E	SW 1/8 - 1/4 (0.194 mi.)	B6	8	
EXXON MOBIL OIL CORP	2200 24TH AVE E	SW 1/8 - 1/4 (0.231 mi.)	C12	35	

DRYCLEANERS: A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

A review of the DRYCLEANERS list, as provided by EDR, and dated 01/17/2018 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
JAYS DRYCLEANERS 2350 24TH AVE E FS Id: 2322 Facility ID: 2322		SW 1/8 - 1/4 (0.194 mi.)		8	
MONTLAKE CLEANERS FS Id: 14643 Facility ID: 14643	2311 2313 2315 24TH	WSW 1/8 - 1/4 (0.206 mi.)	В9	27	

Inactive Drycleaners: A listing of inactive drycleaner facility locations.

A review of the Inactive Drycleaners list, as provided by EDR, and dated 01/17/2018 has revealed that there is 1 Inactive Drycleaners site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAYS DRYCLEANERS EPA I: WAD988515458 Facility ID: 75445881 Facility ID: 14935	2350 24TH AVE E	SW 1/8 - 1/4 (0.194 mi.)	В6	8

MANIFEST: Hazardous waste manifest information.

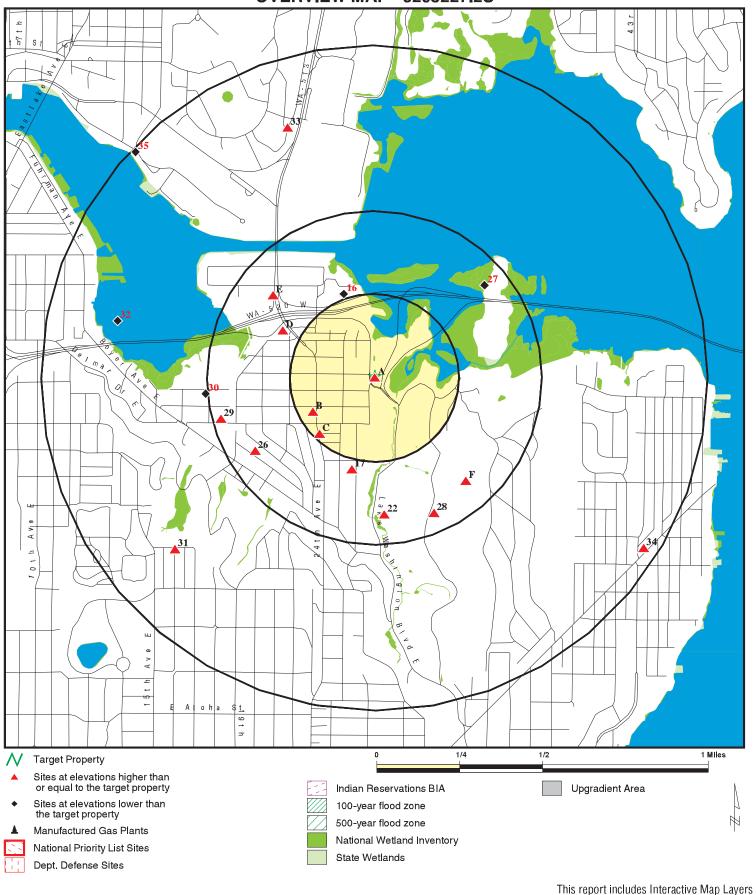
A review of the MANIFEST list, as provided by EDR, and dated 12/31/2016 has revealed that there are 2 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
MOBIL STATION 99-MPB Facility Site ID Number: 24792884 Gen Status CD: XQG EPA ID: WAH000031134	2200 24TH AVE E	TH AVE E SW 1/8 - 1/4 (0.231 mi.)			
MOBIL STATION 99MPB Facility Site ID Number: 24792884 Gen Status CD: XQG EPA ID: WAH000031134	2200 24TH AVE E	SW 1/8 - 1/4 (0.231 mi.)	C15	50	

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

Site Name	Database(s)
UW LEWIS HALL	CSCSL, ALLSITES
ADS METAL	SWF/LF
JUDKINS STREET DISPOSAL SITE	SWF/LF
NORTH AURORA DISPOSAL SITE	SWF/LF
MONTLAKE DISPOSAL SITE	SWF/LF
GENESEE LANDFILL	SWF/LF
GREEN LAKE LANDFILL SITE	SWF/LF
WASHINGTON PARK LANDFILL SITE	SWF/LF
SEATTLE CITY SDOT UNIVERSITY BRIDG	ICR, RCRA NonGen / NLR, MANIFEST
SEATTLE CY OF UNION BAY	ICIS, FINDS, ECHO

OVERVIEW MAP - 5293227.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: PORTAGE BAY

ADDRESS: 2508 Lake Washington Boulevard East

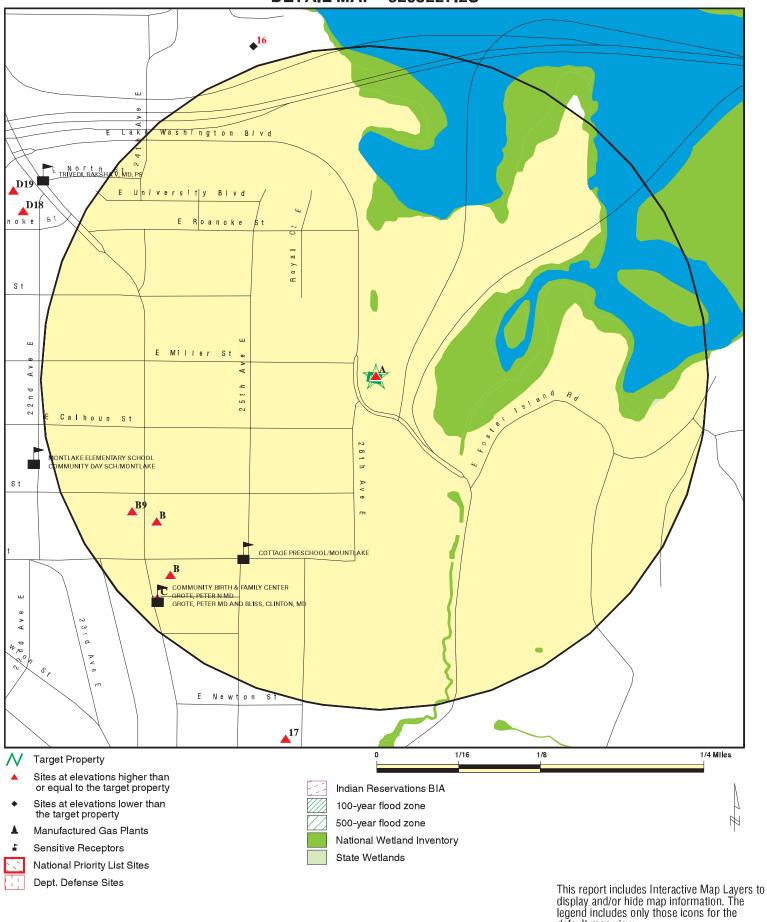
Seattle WA 98112

LAT/LONG: 47.641556 / 122.298278

CLIENT: Trileaf Corporation CONTACT: Karen Campbell INQUIRY#: 5293227.2s

DATE: May 15, 2018 10:04 am

DETAIL MAP - 5293227.2S



SITE NAME: PORTAGE BAY

ADDRESS: 2508 Lake Washington Boulevard East

Seattle WA 98112

LAT/LONG: 47.641556 / 122.298278

CLIENT: Trileaf Corporation CONTACT: Karen Campbell INQUIRY #: 5293227.2s

DATE:

May 15, 2018 10:06 am

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default map view.

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional cor engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP	5	NR	NR	NR	NR	NR	5
State- and tribal - equiva	alent NPL							
HSL	1.000		0	1	0	0	NR	1
State- and tribal - equiva	alent CERCLIS	3						
CSCSL	1.000		0	4	3	6	NR	13
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank l	ists						
LUST	0.500		0	3	1	NR	NR	4

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registere	d storage tar	nk lists						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0 0	0 3 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 3 0 0
State and tribal institutio control / engineering cor		s						
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary	/ cleanup site	es						
INDIAN VCP VCP ICR	0.500 0.500 0.500		0 0 0	0 2 2	0 0 3	NR NR NR	NR NR NR	0 2 5
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
SWTIRE SWRCY INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste /							
US HIST CDL ALLSITES CDL HIST CDL CSCSL NFA US CDL	TP 0.500 TP TP 0.500 TP		NR 0 NR NR 0 NR	NR 4 NR NR 0 NR	NR 11 NR NR 2 NR	NR NR NR NR NR	NR NR NR NR NR	0 15 0 0 2 0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency R	Release Repo	rts						
HMIRS SPILLS SPILLS 90	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted			
Other Ascertainable Records											
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES ABANDONED MINES FINDS ECHO UXO DOCKET HWC FUELS PROGRAM AIRS ASBESTOS COAL ASH DRYCLEANERS Financial Assurance Inactive Drycleaners MANIFEST NPDES UIC	0.250 1.000 1.000 1.000 0.500 TP TP 0.250 TP TP 1.000 TP		O O O O O RR O RR R O R R R R R R R R O R R R R R R O O O O R R O O R R O R R O R O O R O O R R O R R O R R O R O R O R R O R O R O R R O R O R R O R O R R O R O R R O R O R R O R O R O R O R R O	2000RRORRRORRRRRRRRRORRRROOOOORROORROORR	R O O O RR RR RR O R R R R R R R R O R R R RR O O O O R R R R R R O R	ROOREREN ORESENSE SERVES SERVE	RCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	200000000000000000000000000000000000000			
EDR HIGH RISK HISTORICAL RECORDS											
EDR Exclusive Records											
EDR MGP	1.000		0	0	0	0	NR	0			

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted			
EDR Hist Auto EDR Hist Cleaner	0.125 0.125		0	NR NR	NR NR	NR NR	NR NR	0 0			
EDR RECOVERED GOVERNMENT ARCHIVES Exclusive Recovered Govt. Archives											
RGA HWS RGA LF RGA LUST	TP TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0			
- Totals		5	0	26	20	6	0	57			

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance **EDR ID Number** Elevation Site Database(s) **EPA ID Number**

Α1 **ERNS** 2015119514 N/A

2508 LAKE WASHINGTON BLVD **Target** SEATTLE, WA 98112 **Property**

Site 1 of 5 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 36 ft.

additional ERNS detail in the EDR Site Report.

A2 ERNS 2015124000

Target 2508 LAKE WASHINGTON BLVD E

Property SEATTLE, WA

Site 2 of 5 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 36 ft.

additional ERNS detail in the EDR Site Report.

А3 **ERNS** 2016147127

2508 LAKE WASHINGTON BLVD **Target** N/A

SEATTLE, WA 98112 **Property**

Site 3 of 5 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 36 ft.

additional ERNS detail in the EDR Site Report.

Α4 **ERNS** 2015122256

2508 LAKE WASHINGTON BLVD **Target**

Property SEATTLE, WA

Site 4 of 5 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 36 ft.

additional ERNS detail in the EDR Site Report.

Α5 **ERNS** 2016145268 N/A

Target 2508 EAST LAKE WASHINGTON BLVD

SEATTLE, WA 98112 **Property**

Site 5 of 5 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 36 ft.

additional ERNS detail in the EDR Site Report.

HSL 1000838748 **B6 JAYS DRYCLEANERS**

SW **CSCSL** WAD988515458 2350 24TH AVE E 1/8-1/4 SEATTLE, WA 98112 LUST

0.194 mi. **ALLSITES**

1025 ft. Site 1 of 6 in cluster B RCRA NonGen / NLR

FINDS Relative: **ECHO**

Higher **DRYCLEANERS** Actual:

Inactive Drycleaners 68 ft.

HSL:

N/A

N/A

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JAYS DRYCLEANERS (Continued)

1000838748

edr_fstat: WA

Not reported edr_fzip: edr_fcnty: KING edr_zip: Not reported **Hazardous Sites List** Facility Type:

Facility Status: Cleanup Started

2322

FSID Number: 2322 Rank: 3 Region: NW

EDR Link ID:

Region Decode: NORTHWEST REGIONAL OFFICE

CSCSL:

2322 Facility ID: Region: Northwest

Lat/Long: 47.640080845 / -122.30181861

Brownfield Status: Not reported

Rank Status: Clean Up Siteid: 5089

Site Status: Cleanup Started PSI?: Not reported Contaminant Name: Benzene

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Confirmed Above Cleanup Level Soil:

Sediment: Not reported Not reported Air: Bedrock: Not reported Responsible Unit: Northwest

Facility ID: 2322 Region: Northwest

47.640080845 / -122.30181861 Lat/Long:

Brownfield Status: Not reported Rank Status: 3

Clean Up Siteid: 5089

Site Status: Cleanup Started PSI?: Not reported

Contaminant Name: Non-Halogenated Solvents Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported Not reported Air: Bedrock: Not reported Responsible Unit: Northwest

Facility ID: 2322 Northwest Region:

Lat/Long: 47.640080845 / -122.30181861

Brownfield Status: Not reported

Rank Status: Clean Up Siteid: 5089

Site Status: Cleanup Started PSI?: Not reported Contaminant Name: Petroleum-Gasoline

Confirmed Above Cleanup Level Ground Water:

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

JAYS DRYCLEANERS (Continued)

1000838748

EDR ID Number

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

LUST:

Facility ID: 2322

Lust Status Type: Cleanup Started

Cleanup Site ID: 5089
Cleanup Unit Type: Upland

Process Type: Ecology-supervised or conducted

Cleanup Unit Name: Circle K 1461 Lust Status Date: 06/01/1995 Response Section: Northwest

Lat/Long: 47.6400808 / -122.30181

ALLSITES:

Facility Name: CIRCLE K STA 1461

Facility Id: 2322

Interaction: 4195 Interaction 1: Interaction 2: TIER2 **HAZWASTE Ecology Program:** Program Data: **EPCRA** Facility Alt.: Not reported CRK000003160 Program ID: Date Interaction: 1988-01-01 00:00:00 Date Interaction 3: Emergency/Haz Chem Rpt TI

Latitude: 47.640075582000001 Longitude: -122.301814838

 Interaction:
 4196

 Interaction 1:
 A

 Interaction 2:
 LUST

 Ecology Program:
 TOXICS

 Program Data:
 ISIS

 Facility Alt.:
 Not reported

 Program ID:
 5754

 Date Interaction:
 1989-08-07 00:00:00

 Date Interaction 3:
 LUST Facility

 Latitude:
 47.640075582000001

 Longitude:
 -122.301814838

 Interaction:
 4194

 Interaction 1:
 A

 Interaction 2:
 UST

 Ecology Program:
 TOXICS

 Program Data:
 UST

 Facility Alt.:
 Not reported

 Program ID:
 5754

Date Interaction: 1968-01-01 00:00:00

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JAYS DRYCLEANERS (Continued)

1000838748

Date Interaction 3: **Underground Storage Tank** 47.640075582000001 Latitude: Longitude: -122.301814838

4197 Interaction: Interaction 1: Α SCS Interaction 2: **Ecology Program: TOXICS** Program Data: ISIS

Facility Alt.: CIRCLE K Sta 1461 Program ID: Not reported Date Interaction: 1900-01-01 00:00:00 Date Interaction 3: State Cleanup Site 47.640075582000001 Latitude: Longitude: -122.301814838

JAYS DRYCLEANERS Facility Name:

Facility Id: 75445881

Interaction: 62773 Interaction 1: Interaction 2: **HWG Ecology Program: HAZWASTE** Program Data: **TURBOWASTE** Facility Alt.: Not reported Program ID: WAD988515458 Date Interaction: 1992-12-11 00:00:00 Date Interaction 3: Hazardous Waste Generator Latitude: 47.639963848999997 Longitude: -122.301770492

RCRA NonGen / NLR:

Date form received by agency: 08/09/1999

Facility name: JAYS DRYCLEANERS Facility address: 2350 24TH AVE E SEATTLE, WA 98112

EPA ID: WAD988515458

JAYS DRYCLEANER JAYS DRYCLEANER Contact:

Contact address: 2350 24TH AVE E

SEATTLE, WA 98112-2607

Contact country: US

000-000-0000 Contact telephone: Contact email: Not reported EPA Region: 10 Land type: Private Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

JAYS DRYCLEANER J Owner/operator name: Owner/operator address: 2350 24TH AVE E SEATTLE, WA 98112

Owner/operator country: US Map ID MAP FINDINGS

Distance Elevation

ion Site Database(s) EPA ID Number

JAYS DRYCLEANERS (Continued)

1000838748

EDR ID Number

Owner/operator telephone: 000-000-0000 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 05/03/1996 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 08/09/1999

Site name: JAYS DRYCLEANERS
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 10/22/1997

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

Evaluation date: 04/10/1996

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

FINDS:

Registry ID: 110005382200

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JAYS DRYCLEANERS (Continued)

1000838748

corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

1000838748 Envid: Registry ID: 110005382200

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005382200

DRYCLEANERS:

EPA Id: Not reported FS Id: 2322 Tax Reg Nbr: Not reported Not reported Business Type: Fed Waste Code Desc: Not reported State Waste Code Desc: Not reported Mail Name: Not reported Mail Line1: Not reported Mail Line2: Not reported Not reported Mail City, St, Zip: Mail Country: Not reported Legal Org Name: Not reported Legal Person First Name: Not reported Legal Person Middle Init: Not reported Legal Person Last Name: Not reported Legal Line1: Not reported Not reported Legal Line2: Legal City,St,Zip: Not reported Legal Country: Not reported Legal Phone Nbr: Not reported Legal Effective Date: Not reported Not reported Legal Organization Type: Land Org Name: Not reported Land Person First Name: Not reported Land Person Middle Init: Not reported Land Person Last Name: Not reported Land Line1: Not reported Land Line2: Not reported Land City, St, Zip: Not reported Land Country: Not reported Land Phone Nbr: Not reported Land Organization Type: Not reported Operator Org Name: Not reported Operator Person First Name: Not reported Operator Person Middle Init: Not reported Operator Person Last Name: Not reported Operator Line1: Not reported Operator Line2: Not reported Operator City, St, Zip: Not reported Operator Country: Not reported Operator Phone Nbr: Not reported Operator Effective Date: Not reported Operator Organization Type: Not reported Site Contact First Name: Not reported Map ID MAP FINDINGS
Direction

Distance Elevation Site

Database(s)

1000838748

EDR ID Number

EPA ID Number

JAYS DRYCLEANERS (Continued)

Site Contact Middle Init: Not reported Not reported Site Contact Last Name: Site Contact Line1: Not reported Site Contact Line2: Not reported Site Contact City, St, Zip: Not reported Site Contact Country: Not reported Site Contact Phone Nbr: Not reported Site Contact Email: Not reported Form Contact First Name: Not reported Form Contact Middle Init: Not reported Not reported Form Contact Last Name: Not reported Form Contact Line1: Form Contact Line2: Not reported Form Contact City, St, Zip: Not reported Form Contact Country: Not reported Form Contact Phone Nbr: Not reported Not reported Form Contact Email: Gen Status Cd: Not reported Monthly Generation: Not reported Batch Generation: Not reported Not reported One Time Generation: Transports Own Waste: Not reported Transports Others Waste: Not reported Recycler Onsite: Not reported Transfer Facility: Not reported Pbr: Not reported Tbg: Not reported Mixed Radioactive: Not reported Importer: Not reported Tsdr Facility: Not reported Immediate Recycler: Not reported Gen Dang Fuel: Not reported Gen Market To Burner: Not reported Gen Other Marketers: Not reported Utility Boiler Burner: Not reported Not reported Industry Boiler Burner: Furnace Burner: Not reported Smelter Deferral: Not reported Small Qty Exemption: Not reported Other Exemption: Not reported Not reported UW Battery Gen: UW Thermostats Gen: Not reported UW Mercury Gen: Not reported UW Lamps Gen: Not reported UW Battery Accum: Not reported UW Thermostats Accum: Not reported **UW Mercury Accum:** Not reported UW Lamps Accum: Not reported **UW Destination Facility:** Not reported Not reported Off Spec Utility Boiler: Off Spec Industry Boiler: Not reported Off Spec Furnace: Not reported Used Oil Transporter: Not reported Used Oil Transfer Facility: Not reported Used Oil Processor: Not reported Used Oil Rerefiner: Not reported

Used Oil Fuel Marketer Directs Shipments: Not reported

Map ID MAP FINDINGS
Direction

Direction Distance Elevation

Site Database(s) EPA ID Number

JAYS DRYCLEANERS (Continued)

1000838748

EDR ID Number

Used Oil Fuel Marketer Meets Specs: Not reported

ECO Int Type Code:

Status Code:

A
Start Date:

End Date:

NAICS DS:

LUST

A
08/07/1989

Not reported

Not reported

Program Name: 7216

FS SIC Code: Drycleaning Plants, Except Rug Cleaning

SIC DS: TOXICS
Latitude: 47.640080845
Longitude: -122.30181861
Comments: Not reported

EPA ld: Not reported FS ld: 2322

Tax Reg Nbr: Not reported Not reported Business Type: Fed Waste Code Desc: Not reported State Waste Code Desc: Not reported Mail Name: Not reported Mail Line1: Not reported Mail Line2: Not reported Not reported Mail City, St, Zip: Mail Country: Not reported Legal Org Name: Not reported Legal Person First Name: Not reported Legal Person Middle Init: Not reported Legal Person Last Name: Not reported Legal Line1: Not reported Not reported Legal Line2: Not reported Legal City,St,Zip: Legal Country: Not reported Legal Phone Nbr: Not reported Legal Effective Date: Not reported Not reported Legal Organization Type: Land Org Name: Not reported Land Person First Name: Not reported Land Person Middle Init: Not reported Land Person Last Name: Not reported Land Line1: Not reported Land Line2: Not reported Land City, St, Zip: Not reported Land Country: Not reported Land Phone Nbr: Not reported Land Organization Type: Not reported Operator Org Name: Not reported Operator Person First Name: Not reported Operator Person Middle Init: Not reported Operator Person Last Name: Not reported Not reported Operator Line1: Operator Line2: Not reported Operator City, St, Zip: Not reported Operator Country: Not reported Operator Phone Nbr: Not reported Operator Effective Date: Not reported Operator Organization Type: Not reported

Site Contact First Name:

Not reported

Map ID MAP FINDINGS Direction

Distance Elevation Site

EDR ID Number Database(s) **EPA ID Number**

JAYS DRYCLEANERS (Continued)

1000838748

Site Contact Middle Init: Not reported Not reported Site Contact Last Name: Site Contact Line1: Not reported Site Contact Line2: Not reported Site Contact City, St, Zip: Not reported Site Contact Country: Not reported Site Contact Phone Nbr: Not reported Site Contact Email: Not reported Form Contact First Name: Not reported Form Contact Middle Init: Not reported Not reported Form Contact Last Name: Not reported Form Contact Line1: Form Contact Line2: Not reported Form Contact City, St, Zip: Not reported Form Contact Country: Not reported Form Contact Phone Nbr: Not reported Not reported Form Contact Email: Gen Status Cd: Not reported Monthly Generation: Not reported Batch Generation: Not reported Not reported One Time Generation: Transports Own Waste: Not reported Transports Others Waste: Not reported Recycler Onsite: Not reported Transfer Facility: Not reported Pbr: Not reported Tbg: Not reported Mixed Radioactive: Not reported Importer: Not reported Tsdr Facility: Not reported Immediate Recycler: Not reported Gen Dang Fuel: Not reported Gen Market To Burner: Not reported Gen Other Marketers: Not reported Utility Boiler Burner: Not reported Not reported Industry Boiler Burner: Furnace Burner: Not reported Smelter Deferral: Not reported Small Qty Exemption: Not reported Other Exemption: Not reported Not reported UW Battery Gen: UW Thermostats Gen: Not reported UW Mercury Gen: Not reported UW Lamps Gen: Not reported UW Battery Accum: Not reported UW Thermostats Accum: Not reported **UW Mercury Accum:** Not reported UW Lamps Accum: Not reported **UW Destination Facility:** Not reported Off Spec Utility Boiler: Not reported Off Spec Industry Boiler: Not reported Off Spec Furnace: Not reported Used Oil Transporter: Not reported Used Oil Transfer Facility: Not reported Used Oil Processor: Not reported Used Oil Rerefiner: Not reported

Used Oil Fuel Marketer Directs Shipments: Not reported

Direction Distance Elevation

vation Site Database(s) EPA ID Number

JAYS DRYCLEANERS (Continued)

1000838748

EDR ID Number

Used Oil Fuel Marketer Meets Specs: Not reported

ECO Int Type Code: SCS
Status Code: A
Start Date: 01/01/1900
End Date: Not reported
NAICS DS: Not reported

Program Name: 7216

FS SIC Code: Drycleaning Plants, Except Rug Cleaning

SIC DS: TOXICS
Latitude: 47.640080845
Longitude: -122.30181861
Comments: Not reported

EPA ld: Not reported FS ld: 2322

Tax Reg Nbr: Not reported Not reported Business Type: Fed Waste Code Desc: Not reported State Waste Code Desc: Not reported Mail Name: Not reported Mail Line1: Not reported Mail Line2: Not reported Not reported Mail City, St, Zip: Mail Country: Not reported Legal Org Name: Not reported Legal Person First Name: Not reported Legal Person Middle Init: Not reported Legal Person Last Name: Not reported Legal Line1: Not reported Not reported Legal Line2: Legal City,St,Zip: Not reported Legal Country: Not reported Legal Phone Nbr: Not reported Legal Effective Date: Not reported Not reported Legal Organization Type: Land Org Name: Not reported Land Person First Name: Not reported Land Person Middle Init: Not reported Land Person Last Name: Not reported Land Line1: Not reported Land Line2: Not reported Land City, St, Zip: Not reported Land Country: Not reported Land Phone Nbr: Not reported Land Organization Type: Not reported Operator Org Name: Not reported Operator Person First Name: Not reported Operator Person Middle Init: Not reported Operator Person Last Name: Not reported Not reported Operator Line1: Operator Line2: Not reported Operator City, St, Zip: Not reported Operator Country: Not reported Operator Phone Nbr: Not reported Operator Effective Date: Not reported Operator Organization Type: Not reported

Site Contact First Name:

Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation Site

e Database(s) EPA ID Number

JAYS DRYCLEANERS (Continued)

1000838748

EDR ID Number

Site Contact Middle Init: Not reported Not reported Site Contact Last Name: Site Contact Line1: Not reported Site Contact Line2: Not reported Site Contact City, St, Zip: Not reported Site Contact Country: Not reported Site Contact Phone Nbr: Not reported Site Contact Email: Not reported Form Contact First Name: Not reported Form Contact Middle Init: Not reported Not reported Form Contact Last Name: Not reported Form Contact Line1: Form Contact Line2: Not reported Form Contact City, St, Zip: Not reported Form Contact Country: Not reported Form Contact Phone Nbr: Not reported Not reported Form Contact Email: Gen Status Cd: Not reported Monthly Generation: Not reported Batch Generation: Not reported Not reported One Time Generation: Transports Own Waste: Not reported Transports Others Waste: Not reported Recycler Onsite: Not reported Transfer Facility: Not reported Pbr: Not reported Tbg: Not reported Mixed Radioactive: Not reported Importer: Not reported Tsdr Facility: Not reported Immediate Recycler: Not reported Gen Dang Fuel: Not reported Gen Market To Burner: Not reported Gen Other Marketers: Not reported Utility Boiler Burner: Not reported Not reported Industry Boiler Burner: Furnace Burner: Not reported Smelter Deferral: Not reported Small Qty Exemption: Not reported Other Exemption: Not reported Not reported UW Battery Gen: UW Thermostats Gen: Not reported UW Mercury Gen: Not reported UW Lamps Gen: Not reported UW Battery Accum: Not reported UW Thermostats Accum: Not reported **UW Mercury Accum:** Not reported UW Lamps Accum: Not reported **UW Destination Facility:** Not reported Not reported Off Spec Utility Boiler: Off Spec Industry Boiler: Not reported Off Spec Furnace: Not reported Used Oil Transporter: Not reported Used Oil Transfer Facility: Not reported Used Oil Processor: Not reported Used Oil Rerefiner: Not reported

Used Oil Fuel Marketer Directs Shipments: Not reported

MAP FINDINGS Map ID

Direction Distance Elevation

EDR ID Number Site Database(s) **EPA ID Number**

JAYS DRYCLEANERS (Continued)

1000838748

Used Oil Fuel Marketer Meets Specs: Not reported

ECO Int Type Code: UST Status Code: Α

Start Date: 01/01/1968 End Date: Not reported NAICS DS: Not reported

Program Name: 7216

FS SIC Code: Drycleaning Plants, Except Rug Cleaning

SIC DS: **TOXICS** Latitude: 47.640080845 Longitude: -122.30181861 Comments: Not reported

INACTIVE DRYCLEANERS:

EPA I: Not reported FS Id: 75445881 75445881 Facility ID: NAICS Code: Not reported Fed Waste Code Desc: Not reported State Waste Code Desc: Not reported Not reported TAX REG NBR: **BUSINESS TYPE:** Not reported MAIL NAME: Not reported MAIL LINE1: Not reported MAIL LINE2: Not reported MAIL CITY: Not reported MAIL STATE: Not reported MAIL ZIP: Not reported MAIL COUNTRY: Not reported Not reported LEGAL ORG NAME: LEGAL PERSON FIRST NAME: Not reported LEGAL PERSON MIDDLE INIT: Not reported LEGAL PERSON LAST NAME: Not reported LEGAL LINE1: Not reported LEGAL LINE2: Not reported LEGAL CITY: Not reported LEGAL STATE: Not reported LEGAL ZIP: Not reported LEGAL COUNTRY: Not reported Not reported LEGAL PHONE NBR: LEGAL EFFECTIVE DATE: Not reported LEGAL ORGANIZATION TYPE: Not reported LAND ORG NAME: Not reported LAND PERSON FIRST NAME: Not reported LAND PERSON MIDDLE INIT: Not reported LAND PERSON LAST NAME: Not reported LAND LINE1: Not reported Not reported LAND LINE2: Not reported LAND CITY: LAND STATE: Not reported Not reported LAND ZIP: LAND COUNTRY: Not reported LAND PHONE NBR: Not reported Not reported LAND ORGANIZATION TYPE: OPERATOR ORG NAME: Not reported OPERATOR PERSON FIRST NAME: Not reported

OPERATOR PERSON MIDDLE INIT:

Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

JAYS DRYCLEANERS (Continued)

1000838748

EDR ID Number

OPERATOR PERSON LAST NAME: Not reported OPERATOR LINE1: Not reported **OPERATOR LINE2:** Not reported **OPERATOR CITY:** Not reported **OPERATOR STATE:** Not reported **OPERATOR ZIP:** Not reported **OPERATOR COUNTRY:** Not reported OPERATOR PHONE NBR: Not reported OPERATOR EFFECTIVE DATE: Not reported **OPERATOR ORGANIZATION TYPE:** Not reported Not reported SITE CONTACT FIRST NAME: SITE CONTACT MIDDLE INIT: Not reported SITE CONTACT LAST NAME: Not reported SITE CONTACT LINE1: Not reported SITE CONTACT LINE2: Not reported SITE CONTACT CITY: Not reported SITE CONTACT STATE: Not reported SITE CONTACT ZIP: Not reported SITE CONTACT COUNTRY: Not reported SITE CONTACT PHONE NBR: Not reported Not reported SITE CONTACT EMAIL: FORM CONTACT FIRST NAME: Not reported FORM CONTACT MIDDLE INIT: Not reported FORM CONTACT LAST NAME: Not reported FORM CONTACT LINE1: Not reported Not reported FORM CONTACT LINE2: FORM CONTACT CITY: Not reported FORM CONTACT STATE: Not reported FORM CONTACT ZIP: Not reported FORM CONTACT COUNTRY: Not reported FORM CONTACT PHONE NBR: Not reported FORM CONTACT EMAIL: Not reported GEN STATUS CD: Not reported MONTHLY GENERATION: Not reported Not reported **BATCH GENERATION:** ONE TIME GENERATION: Not reported TRANSPORTS OWN WASTE: Not reported TRANSPORTS OTHERS WASTE: Not reported RECYCLER ONSITE: Not reported TRANSFER FACILITY: Not reported PBR: Not reported TBG: Not reported MIXED RADIOACTIVE: Not reported Not reported IMPORTER: TSDR FACILITY: Not reported IMMEDIATE RECYCLER: Not reported **GEN DANG FUEL:** Not reported GEN MARKET TO BURNER: Not reported GEN OTHER MARKETERS: Not reported UTILITY BOILER BURNER: Not reported INDUSTRY BOILER BURNER: Not reported FURNACE BURNER: Not reported SMELTER DEFERRAL: Not reported SMALL QTY EXEMPTION: Not reported OTHER EXEMPTION: Not reported UW BATTERY GEN: Not reported UW THERMOSTATS GEN: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

JAYS DRYCLEANERS (Continued)

1000838748

EDR ID Number

UW MERCURY GEN: Not reported UW LAMPS GEN: Not reported Not reported UW BATTERY ACCUM: UW THERMOSTATS ACCUM: Not reported UW MERCURY ACCUM: Not reported UW LAMPS ACCUM: Not reported **UW DESTINATION FACILITY:** Not reported OFF SPEC UTILITY BOILER: Not reported Not reported OFF SPEC INDUSTRY BOILER: OFF SPEC FURNACE: Not reported Not reported USED OIL TRANSPORTER: **USED OIL TRANSFER FACILITY:** Not reported USED OIL PROCESSOR: Not reported **USED OIL REREFINER:** Not reported

USED OIL FUEL MARKETER DIR SHIPMENTS: Not reported USED OIL FUEL MARKETER MEETS SPECS: Not reported

ECO Int Type Code: HWG Status Code: I

 Start Date:
 12/11/1992

 End Date:
 12/31/1994

 NAICS DS:
 Not reported

Program Name: 7216

FS SIC Code: Drycleaning Plants, Except Rug Cleaning

 SIC DS:
 HAZWASTE

 Latitude:
 47.639968916

 Longitude:
 -122.30179542

 Comments:
 Not reported

 EPA I:
 WAD988515458

FS Id: 14935 14935 Facility ID: NAICS Code: 81232 Fed Waste Code Desc: Not reported State Waste Code Desc: Not reported TAX REG NBR: Not reported **BUSINESS TYPE:** Not reported MAIL NAME: Not reported MAIL LINE1: Not reported MAIL LINE2: Not reported MAIL CITY: Not reported MAIL STATE: Not reported Not reported MAIL ZIP: Not reported MAIL COUNTRY: LEGAL ORG NAME: Not reported Not reported LEGAL PERSON FIRST NAME: LEGAL PERSON MIDDLE INIT: Not reported LEGAL PERSON LAST NAME: Not reported LEGAL LINE1: Not reported LEGAL LINE2: Not reported LEGAL CITY: Not reported LEGAL STATE: Not reported LEGAL ZIP: Not reported LEGAL COUNTRY: Not reported LEGAL PHONE NBR: Not reported LEGAL EFFECTIVE DATE: Not reported LEGAL ORGANIZATION TYPE: Not reported LAND ORG NAME: Not reported LAND PERSON FIRST NAME: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

JAYS DRYCLEANERS (Continued)

1000838748

EDR ID Number

LAND PERSON MIDDLE INIT: Not reported LAND PERSON LAST NAME: Not reported LAND LINE1: Not reported LAND LINE2: Not reported LAND CITY: Not reported LAND STATE: Not reported LAND ZIP: Not reported LAND COUNTRY: Not reported Not reported LAND PHONE NBR: LAND ORGANIZATION TYPE: Not reported Not reported OPERATOR ORG NAME: Not reported OPERATOR PERSON FIRST NAME: OPERATOR PERSON MIDDLE INIT: Not reported OPERATOR PERSON LAST NAME: Not reported **OPERATOR LINE1:** Not reported **OPERATOR LINE2:** Not reported OPERATOR CITY: Not reported **OPERATOR STATE:** Not reported OPERATOR ZIP: Not reported **OPERATOR COUNTRY:** Not reported OPERATOR PHONE NBR: Not reported OPERATOR EFFECTIVE DATE: Not reported OPERATOR ORGANIZATION TYPE: Not reported SITE CONTACT FIRST NAME: Not reported SITE CONTACT MIDDLE INIT: Not reported SITE CONTACT LAST NAME: Not reported SITE CONTACT LINE1: Not reported SITE CONTACT LINE2: Not reported SITE CONTACT CITY: Not reported Not reported SITE CONTACT STATE: SITE CONTACT ZIP: Not reported SITE CONTACT COUNTRY: Not reported SITE CONTACT PHONE NBR: Not reported SITE CONTACT EMAIL: Not reported FORM CONTACT FIRST NAME: Not reported FORM CONTACT MIDDLE INIT: Not reported FORM CONTACT LAST NAME: Not reported FORM CONTACT LINE1: Not reported FORM CONTACT LINE2: Not reported FORM CONTACT CITY: Not reported Not reported FORM CONTACT STATE: FORM CONTACT ZIP: Not reported FORM CONTACT COUNTRY: Not reported Not reported FORM CONTACT PHONE NBR: Not reported FORM CONTACT EMAIL: GEN STATUS CD: Not reported MONTHLY GENERATION: Not reported **BATCH GENERATION:** Not reported ONE TIME GENERATION: Not reported TRANSPORTS OWN WASTE: Not reported TRANSPORTS OTHERS WASTE: Not reported RECYCLER ONSITE: Not reported TRANSFER FACILITY: Not reported PBR: Not reported TBG: Not reported MIXED RADIOACTIVE: Not reported IMPORTER: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JAYS DRYCLEANERS (Continued)

1000838748

TSDR FACILITY: Not reported IMMEDIATE RECYCLER: Not reported Not reported GEN DANG FUEL: Not reported GEN MARKET TO BURNER: GEN OTHER MARKETERS: Not reported UTILITY BOILER BURNER: Not reported INDUSTRY BOILER BURNER: Not reported FURNACE BURNER: Not reported Not reported SMELTER DEFERRAL: SMALL QTY EXEMPTION: Not reported OTHER EXEMPTION: Not reported Not reported **UW BATTERY GEN:** UW THERMOSTATS GEN: Not reported UW MERCURY GEN: Not reported UW LAMPS GEN: Not reported UW BATTERY ACCUM: Not reported UW THERMOSTATS ACCUM: Not reported UW MERCURY ACCUM: Not reported UW LAMPS ACCUM: Not reported UW DESTINATION FACILITY: Not reported OFF SPEC UTILITY BOILER: Not reported OFF SPEC INDUSTRY BOILER: Not reported OFF SPEC FURNACE: Not reported **USED OIL TRANSPORTER:** Not reported USED OIL TRANSFER FACILITY: Not reported USED OIL PROCESSOR: Not reported **USED OIL REREFINER:** Not reported USED OIL FUEL MARKETER DIR SHIPMENTS:

Not reported USED OIL FUEL MARKETER MEETS SPECS: Not reported

ECO Int Type Code: Not reported Status Code: Not reported Start Date: Not reported End Date: Not reported NAICS DS: Not reported Program Name: Not reported FS SIC Code: Not reported SIC DS: Not reported Latitude: Not reported Longitude: Not reported Comments: Not reported

B7 CIRCLE K #1461 SW 2350 24TH AVE. E. SEATTLE, WA 98112 1/8-1/4

0.194 mi.

1025 ft. Site 2 of 6 in cluster B

Relative: ICR:

Higher 07/07/98 Date Ecology Received Report:

Contaminants Found at Site: Petroleum products Actual: Media Contaminated: Groundwater, Soil 68 ft.

> Waste Management: Tank

North Western Region: Interim cleanup report Type of Report Ecology Received:

Site Register Issue: 98-16 County Code:

Contact: Not reported Report Title: Not reported **ICR**

U003027497

N/A

Distance Elevation

ation Site Database(s) EPA ID Number

CIRCLE K #1461 (Continued)

Date Ecology Received Report:

08/27/90

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 90-10 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 11/16/90

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western

Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 90-17 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 06/10/92

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western

Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 92-33 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 07/10/92

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 92-28
County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 04/29/94

Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western

Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 93-27 County Code: 17

Contact: Not reported Report Title: Not reported

EDR ID Number

U003027497

Direction Distance

Elevation Site Database(s) EPA ID Number

B8 CIRCLE K 1461 UST U003026291
SW 2350 24TH AVE E N/A

1/8-1/4 SEATTLE, WA 98112 0.194 mi.

1025 ft. Site 3 of 6 in cluster B

Relative: UST:

Higher Actual: 68 ft. Facility ID: 2322
Site Id: 5754
UBI: Not reported
Phone Number: Not reported

Decimal Latitude: 47.6400808448084

Decimal Longitude: -122.301818607624

Tank Name: 1-REG Tag Number: Not reported Tank Status: Removed Tank Status Date: 08/06/1996 Tank Install Date: 00/01/1968 Tank Closure Date: Not reported Capacity Range: Not reported Tank Permit Expiration Date: 03/11/1994 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 Tank Release Detection: Not reported Tank SFC Type: Not reported Pipe Material: Steel Pipe Construction: Not reported Pipe Primary Release Detection: Not reported Pipe Second Release Detection: Not reported Not reported Pipe Corrosion Protection: Pipe Pumping System: Not reported Responsible Unit: NORTHWEST Dispencer/Pump SFC Type: Not reported

Tank Name: 1A-REG Tag Number: Not reported Tank Status: Removed Tank Status Date: 08/06/1996 Tank Install Date: 00/01/1968 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 Not reported Tank Manifold: Tank Release Detection: Not reported

EDR ID Number

Direction
Distance
Elevation

ation Site Database(s) EPA ID Number

CIRCLE K 1461 (Continued) U003026291

Tank SFC Type: Not reported Pipe Material: Steel 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: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

Tank Name: 2-UNL Tag Number: Not reported Tank Status: Removed Tank Status Date: 08/06/1996 Tank Install Date: 00/01/1968 Tank Closure Date: Not reported Capacity Range: Not reported Tank Permit Expiration Date: 03/11/1994 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 Tank Release Detection: Not reported Tank SFC Type: Not reported Pipe Material: Steel Pipe Construction: Not reported Pipe Primary Release Detection: Not reported Pipe Second Release Detection: Not reported Pipe Corrosion Protection: Not reported Not reported Pipe Pumping System: NORTHWEST Responsible Unit: Dispencer/Pump SFC Type: Not reported

Tank Name: 3-PREM Tag Number: Not reported Removed Tank Status: Tank Status Date: 08/06/1996 Tank Install Date: 00/01/1968 Not reported Tank Closure Date: Capacity Range: Not reported Tank Permit Expiration Date: 03/11/1994 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 Tank Release Detection: Not reported Tank SFC Type: Not reported

EDR ID Number

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CIRCLE K 1461 (Continued) U003026291

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

В9 **MONTLAKE CLEANERS** CSCSL S117724254 2311 2313 2315 24TH AVE E wsw **VCP** N/A **ALLSITES**

1/8-1/4 SEATTLE, WA 98112 0.206 mi.

1087 ft. Site 4 of 6 in cluster B

CSCSL: Relative:

Higher Facility ID: 14643 Region: Northwest Actual:

47.639938313 / -122.30236 69 ft. Lat/Long:

Brownfield Status: Not reported

Rank Status: Ν Clean Up Siteid: 12574

Site Status: Cleanup Started Not reported PSI?: Contaminant Name: Halogenated Solvents

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported Soil: Suspected Not reported Sediment:

Below MTCA Cleanup Level After Assessment Air:

Bedrock: Not reported Responsible Unit: Northwest

14643 Facility ID: Region: Northwest

Lat/Long: 47.639938313 / -122.30236

Brownfield Status: Not reported

Rank Status: Ν Clean Up Siteid: 12574

Site Status: Cleanup Started PSI?: Not reported

Contaminant Name: Other Non-Halogenated Organics

Ground Water: Not reported Surface Water: Not reported

Confirmed Above Cleanup Level Soil:

Sediment: Not reported Not reported Air: Not reported Bedrock: Responsible Unit: Northwest

VCP:

edr_fstat: WA 98112 edr_fzip: edr_fcnty: KING edr_zip: Not reported Facility ID: 14643 VCP Status: Not reported **EDR ID Number**

DRYCLEANERS

Direction Distance Elevation

n Site Database(s) EPA ID Number

MONTLAKE CLEANERS (Continued)

S117724254

EDR ID Number

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported

Rank: N Cleanup Siteid: 12574

edr_fstat: WA
edr_fzip: 98112
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 14643
VCP Status: Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported

Rank: N Cleanup Siteid: 12574

ALLSITES:

Facility Name: MONTLAKE CLEANERS

Facility Id: 14643

 Interaction:
 112023

 Interaction 1:
 A

 Interaction 2:
 SCS

 Ecology Program:
 TOXICS

 Program Data:
 ISIS

Facility Alt.: Montlake Cleaners
Program ID: Not reported

 Date Interaction:
 2014-11-10 00:00:00

 Date Interaction 3:
 State Cleanup Site

 Latitude:
 47.639933157999998

 Longitude:
 -122.302337432

 Interaction:
 119475

 Interaction 1:
 A

 Interaction 2:
 VOLCLNST

 Ecology Program:
 TOXICS

 Program Data:
 ISIS

Facility Alt.: Montlake Cleaners

Program ID: NW3058

 Date Interaction:
 2016-04-01 00:00:00

 Date Interaction 3:
 Voluntary Cleanup Sites

 Latitude:
 47.639933157999998

 Longitude:
 -122.302337432

DRYCLEANERS:

EPA Id: Not reported
FS Id: 14643
Tax Reg Nbr: Not reported
Business Type: Not reported
Fed Waste Code Desc: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

MONTLAKE CLEANERS (Continued)

S117724254

EDR ID Number

State Waste Code Desc: Not reported Mail Name: Not reported Not reported Mail Line1: Mail Line2: Not reported Mail City, St, Zip: Not reported Mail Country: Not reported Legal Org Name: Not reported Legal Person First Name: Not reported Not reported Legal Person Middle Init: Legal Person Last Name: Not reported Not reported Legal Line1: Not reported Legal Line2: Legal City, St, Zip: Not reported Legal Country: Not reported Legal Phone Nbr: Not reported Legal Effective Date: Not reported Not reported Legal Organization Type: Land Org Name: Not reported Land Person First Name: Not reported Land Person Middle Init: Not reported Land Person Last Name: Not reported Land Line1: Not reported Land Line2: Not reported Land City, St, Zip: Not reported Land Country: Not reported Land Phone Nbr: Not reported Land Organization Type: Not reported Operator Org Name: Not reported Operator Person First Name: Not reported Operator Person Middle Init: Not reported Operator Person Last Name: Not reported Operator Line1: Not reported Operator Line2: Not reported Operator City, St, Zip: Not reported Not reported **Operator Country:** Not reported Operator Phone Nbr: Operator Effective Date: Not reported Operator Organization Type: Not reported Site Contact First Name: Not reported Site Contact Middle Init: Not reported Not reported Site Contact Last Name: Site Contact Line1: Not reported Site Contact Line2: Not reported Not reported Site Contact City, St, Zip: Not reported Site Contact Country: Site Contact Phone Nbr: Not reported Site Contact Email: Not reported Form Contact First Name: Not reported Form Contact Middle Init: Not reported Form Contact Last Name: Not reported Form Contact Line1: Not reported Form Contact Line2: Not reported Form Contact City, St, Zip: Not reported Form Contact Country: Not reported Form Contact Phone Nbr: Not reported Form Contact Email: Not reported Gen Status Cd: Not reported

Distance Elevation Site

ite Database(s) EPA ID Number

MONTLAKE CLEANERS (Continued)

S117724254

EDR ID Number

Monthly Generation: Not reported Not reported Batch Generation: Not reported One Time Generation: Not reported Transports Own Waste: Transports Others Waste: Not reported Recycler Onsite: Not reported Transfer Facility: Not reported Pbr: Not reported Not reported Tbg: Mixed Radioactive: Not reported Importer: Not reported Tsdr Facility: Not reported Immediate Recycler: Not reported Gen Dang Fuel: Not reported Gen Market To Burner: Not reported Gen Other Marketers: Not reported Not reported Utility Boiler Burner: Industry Boiler Burner: Not reported Furnace Burner: Not reported Smelter Deferral: Not reported Small Qty Exemption: Not reported Other Exemption: Not reported UW Battery Gen: Not reported UW Thermostats Gen: Not reported UW Mercury Gen: Not reported UW Lamps Gen: Not reported **UW Battery Accum:** Not reported UW Thermostats Accum: Not reported **UW Mercury Accum:** Not reported Not reported UW Lamps Accum: Not reported UW Destination Facility: Off Spec Utility Boiler: Not reported Off Spec Industry Boiler: Not reported Off Spec Furnace: Not reported Not reported Used Oil Transporter: Used Oil Transfer Facility: Not reported Used Oil Processor: Not reported Used Oil Rerefiner: Not reported

Used Oil Fuel Marketer Directs Shipments: Not reported Used Oil Fuel Marketer Meets Specs: Not reported

ECO Int Type Code: SCS Status Code: A

Start Date: 11/10/2014
End Date: Not reported

NAICS DS: Drycleaning and Laundry Services

Program Name: Not reported
FS SIC Code: Not reported
SIC DS: TOXICS
Latitude: 47.639938313
Longitude: -122.30236
Comments: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

B10 MASON APARTMENTS UST U004226485 SW 2401 E LYNN ST N/A

1/8-1/4 0.212 mi.

1118 ft. Site 5 of 6 in cluster B

SEATTLE, WA 98112

Relative: UST:

 Higher
 Facility ID:
 7909

 Actual:
 Site Id:
 620185

 72 ft.
 UBI:
 Not reported

 Phone Number:
 Not reported

 Decimal Latitude:
 47.63929

Decimal Longitude: -122.30167

Tank Name: Tag Number: Not reported Tank Status: Unknown 12/26/2014 Tank Status Date: Not reported 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: Not reported 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 Not reported Pipe Material:

Pipe Material:
Pipe Construction:
Pipe Primary Release Detection:
Pipe Second Release Detection:
Pipe Corrosion Protection:
Pipe Pumping System:
Responsible Unit:
Not reported
Not reported
Not reported
Not reported
Not reported
NORTHWEST
NORTHWEST
Not reported

 B11
 MASON APARTMENTS
 CSCSL
 \$117365742

 SW
 2401 E LYNN ST
 LUST
 N/A

1/8-1/4 0.212 mi.

72 ft.

1118 ft. Site 6 of 6 in cluster B

Relative: CSCSL:
Higher Facility ID: 7909
Actual: Region: Northwest

SEATTLE, WA 98112

Lat/Long: 47.63929 / -122.30167 Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 12517

Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Benzene

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

ALLSITES SPILLS **EDR ID Number**

Direction Distance

Elevation Site Database(s) EPA ID Number

MASON APARTMENTS (Continued)

S117365742

EDR ID Number

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 7909 Region: Northwest

Lat/Long: 47.63929 / -122.30167

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 12517

Site Status: Awaiting Cleanup PSI?: Not reported Contaminant Name: Lead

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Below MTCA Cleanup Level After Assessment

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 7909 Region: Northwest

Lat/Long: 47.63929 / -122.30167

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 12517

Site Status: Awaiting Cleanup PSI?: Not reported

Contaminant Name: Non-Halogenated Solvents
Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 7909 Region: Northwest

Lat/Long: 47.63929 / -122.30167

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 12517

Site Status: Awaiting Cleanup PSI?: Not reported Contaminant Name: Petroleum-Diesel

Ground Water: Below MTCA Cleanup Level After Assessment

Surface Water: Not reported

Soil: Below MTCA Cleanup Level After Assessment

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 7909

Direction Distance

Elevation Site Database(s) EPA ID Number

MASON APARTMENTS (Continued)

S117365742

EDR ID Number

Region: Northwest

Lat/Long: 47.63929 / -122.30167

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 12517

Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Petroleum-Gasoline

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 7909 Region: Northwest

Lat/Long: 47.63929 / -122.30167

Brownfield Status: Not reported Rank Status: N Clean Up Siteid: 12517

Site Status: Awaiting Cleanup PSI?: Not reported

PSI?: Not reported Contaminant Name: Petroleum-Other

Ground Water: Below MTCA Cleanup Level After Assessment

Surface Water: Not reported

Soil: Below MTCA Cleanup Level After Assessment

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 7909 Region: Northwest

Lat/Long: 47.63929 / -122.30167

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 12517

Site Status: Awaiting Cleanup PSI?: Not reported

Contaminant Name: Polycyclic Aromatic Hydrocarbons

Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

LUST:

Facility ID: 7909

Lust Status Type: Awaiting Cleanup

Cleanup Site ID: 12517
Cleanup Unit Type: Upland
Process Type: No Process
Cleanup Unit Name: Mason Apartments

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MASON APARTMENTS (Continued)

S117365742

Lust Status Date: 10/22/2013 Northwest Response Section:

Lat/Long: 47.63929 / -122.30167

ALLSITES:

Facility Name: MASON APARTMENTS

Facility Id: 7909

Interaction: 111076 Interaction 1: LUST Interaction 2: **Ecology Program: TOXICS** Program Data: ISIS

Facility Alt.: Mason Apartments

Program ID: 620185

Date Interaction: 2014-10-22 00:00:00 Date Interaction 3: **LUST Facility** Latitude: 47.639285461999997 Longitude: -122.30166642099999

111051 Interaction: Interaction 1: UST Interaction 2: **TOXICS Ecology Program:** Program Data: UST

Facility Alt.: Mason Apartments

Program ID: 620185

Date Interaction: 2014-10-22 00:00:00 Underground Storage Tank Date Interaction 3: Latitude: 47.639285461999997 Longitude: -122.30166642099999

SPILLS:

Facility ID: 651998

Medium: **GROUND WATER** Material Desc: PETROLEUM - GASOLINE

Material Qty: Not reported Not reported Material Units: Date Received: 10/02/2014 Contact Name: Not reported Not reported Incident Date: Not reported Incident Category Type: Incident Category: Not reported Latitude: Not reported Longitude: Not reported Not reported Source Type: Source: Not reported Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

Direction Distance

Distance Elevation Site EDR ID Number Database(s) EPA ID Number

C12 EXXON MOBIL OIL CORPORATION 99MPB RCRA NonGen / NLR 1010788321
SW 2200 24TH AVE E WAH000031134

SW 2200 24TH AVE E 1/8-1/4 SEATTLE, WA 98112

0.231 mi.

1221 ft. Site 1 of 4 in cluster C

Relative: RCRA NonGen / NLR:

Higher Date form received by agency: 02/27/2016

Actual: Facility name: EXXON MOBIL OIL CORPORATION 99MPB

76 ft. Facility address: 2200 24TH AVE E

SEATTLE, WA 98112 EPA ID: WAH000031134

Mailing address: 800 E. WASHINGTON ST

WEST CHESTER, PA 19380

Contact: DONNA HYMES

Contact address: 800 EAST WASHINGTON STREET

WEST CHESTER, PA 19380

Contact country: US

Contact telephone: 610-430-8151

Contact email: DHYMES@JD2ENV.COM

EPA Region: 10

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: EXXON MOBIL OIL CORPORATION
Owner/operator address: 5959 LAS COLINAS BOULEVARD

IRVING, TX 75039

Owner/operator country: US

Owner/operator telephone: 972-444-1000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Operator date: 12/01/1/1909

Owner/Op start date: 12/01/1999
Owner/Op end date: Not reported

Owner/operator name: EXXON MOBIL OIL E
Owner/operator address: 3225 GALLOWS RD
FAIRFAX, VA 22037

Owner/operator country: US

Owner/operator telephone: 703-846-3000 Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Private Legal status: Owner/Operator Type: Owner Owner/Op start date: 12/01/1999 Owner/Op end date: Not reported

Owner/operator name: EXXON MOBIL OIL CORPORATION

Owner/operator address: 3225 GALLOWS RD

FAIRFAX, VA 22037

Owner/operator country: US

Owner/operator telephone: 703-846-3000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

EXXON MOBIL OIL CORPORATION 99MPB (Continued)

1010788321

EDR ID Number

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/01/1999
Owner/Op end date: Not reported

Owner/operator name: EXXON MOBIL OIL E
Owner/operator address: 3225 GALLOWS RD

FAIRFAX, VA 22037

Owner/operator country: US

Owner/operator telephone: 703-846-3000 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 12/01/1999 Owner/Op end date: Not reported

Owner/operator name: 2200 BOSTON LLC

Owner/operator address: 15215 SE 272ND STREET, SUITE 2

KENT, WA 98042

Owner/operator country: US

Owner/operator telephone: 253-631-8000 Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: EXXON MOBIL OIL CORPORATION

Owner/operator address: 3225 GALLOWS RD

FAIRFAX, VA 22037

703-846-3000

Owner/operator country: US

Owner/operator telephone:

Owner/operator email:

Owner/operator fax:

Owner/operator extension:

Legal status:

Owner/Operator Type:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Not reported

Private

Operator

12/01/1999

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: Nο Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No

Direction Distance

Elevation Site Database(s) EPA ID Number

EXXON MOBIL OIL CORPORATION 99MPB (Continued)

1010788321

EDR ID Number

Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 02/29/2012

Site name: EXXON MOBIL OIL CORPORATION 99MPB

Classification: Not a generator, verified

Date form received by agency: 04/19/2011

Site name: EXXON MOBIL OIL CORPORATION 99MPB

Classification: Not a generator, verified

Date form received by agency: 02/18/2010

Site name: EXXON MOBIL OIL CORPORATION 99MPB

Classification: Not a generator, verified

Date form received by agency: 04/22/2008

Site name: EXXON MOBIL OIL CORPORATION 99MPB

Classification: Not a generator, verified

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 12/31/2007

Site name: EXXON MOBIL OIL CORPORATION 99MPB

Classification: Not a generator, verified

Date form received by agency: 05/23/2007

Site name: EXXON MOBIL OIL CORPORATION 99MPB

Classification: Large Quantity Generator

Waste code: D001

. Waste name: IGNITABLE WASTE

Violation Status: No violations found

C13 MOBIL #99 MPB ICR S104485271 SW 2200 24TH AVE. E. N/A

1/8-1/4 SEATTLE, WA 98112

0.231 mi.

1221 ft. Site 2 of 4 in cluster C

Relative: ICR:

Higher Date Ecology Received Report: 07/09/98

Actual: Contaminants Found at Site: Petroleum products 76 ft. Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-11 County Code: 17

Contact: Not reported Report Title: Not reported

Direction Distance Elevation

ation Site Database(s) EPA ID Number

MOBIL #99 MPB (Continued)

Date Ecology Received Report:

10/04/99

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-18 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 05/03/99

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western

Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-17 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 05/30/00

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western

Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-27 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 05/25/00

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Type of Report Ecology Received: Interin Site Register Issue: 98-27 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 01/21/97

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western

Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 94-46 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 07/17/00

Contaminants Found at Site: Petroleum products

EDR ID Number

S104485271

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL #99 MPB (Continued)

S104485271

EDR ID Number

Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-28 County Code: 17

Contact: Not reported

Report Title: Progress Report - May & June 2000

Date Ecology Received Report: 11/01/01

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-43 County Code: 17

Contact: Not reported

Report Title: Third Quarter Ground Water Monitoring - July 2001

Date Ecology Received Report: 03/05/01

Contaminants Found at Site:

Media Contaminated:

Waste Management:

Region:

Type of Report Ecology Received:

Petroleum products

Groundwater, Soil

Tank

North Western

Interim cleanup report

Site Register Issue: 98-43 County Code: 17

Contact: Not reported

Report Title: Fourth Quarter Ground Water Monitoring - November 2000

Date Ecology Received Report: 01/30/01

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-43 County Code: 17

Contact: Not reported

Report Title: Third Quarter Ground Water Monitoring - August 2000

Date Ecology Received Report: 08/09/99

Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-43 County Code: 17

Contact: Not reported

Report Title: First Quarter 1999 Ground Water Monitoring

Date Ecology Received Report: 02/18/97

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL #99 MPB (Continued) S104485271

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 94-49 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 05/21/01

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-37 County Code: 17

Contact: Not reported

Report Title: Access Agreement to Perform Environmental Activities

Date Ecology Received Report: 04/10/01

Contaminants Found at Site:

Media Contaminated:

Waste Management:

Region:

Petroleum products

Groundwater, Soil

Tank

North Western

Transport Frank and Description | Interior of sections

Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-35 County Code: 17

Contact: Not reported

Report Title: Monitoring - First Quarter 2001

 C14
 MOBIL STATION 99-MPB
 CSCSL

 SW
 2200 24TH AVE E
 LUST

 1/8-1/4
 SEATTLE, WA 98112
 UST

 0.231 mi.
 VCP

 1221 ft.
 Site 3 of 4 in cluster C
 ALLSITES

Relative:

 Higher
 CSCSL:

 Actual:
 Facility ID:
 24792884

 76 ft.
 Region:
 Northwest

Lat/Long: 47.638972845 / -122.3015369

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 5757

Site Status: Cleanup Started PSI?: Not reported Contaminant Name: Benzene

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 24792884 Region: Northwest

Lat/Long: 47.638972845 / -122.3015369

Brownfield Status: Not reported

U003795433

N/A

MANIFEST

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL STATION 99-MPB (Continued)

Rank Status: N Clean Up Siteid: 5757

Site Status: Cleanup Started PSI?: Not reported

Contaminant Name: Lead

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported Air: Not reported Bedrock: Not reported Responsible Unit: Northwest

Facility ID: 24792884 Region: Northwest

Lat/Long: 47.638972845 / -122.3015369

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 5757

Site Status: Cleanup Started PSI?: Not reported

Contaminant Name: Metals Priority Pollutants

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Below MTCA Cleanup Level After Assessment

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 24792884 Region: Northwest

Lat/Long: 47.638972845 / -122.3015369

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 5757

Site Status: Cleanup Started PSI?: Not reported

Contaminant Name: Methyl tertiary-butyl ether
Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 24792884
Region: Northwest

Lat/Long: 47.638972845 / -122.3015369

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 5757

Site Status: Cleanup Started PSI?: Not reported

Contaminant Name: Non-Halogenated Solvents
Ground Water: Confirmed Above Cleanup Level

EDR ID Number

U003795433

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL STATION 99-MPB (Continued)

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 24792884 Region: Northwest

Lat/Long: 47.638972845 / -122.3015369

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 5757

Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Diesel

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 24792884 Region: Northwest

Lat/Long: 47.638972845 / -122.3015369

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 5757

Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Gasoline

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 24792884 Region: Northwest

Lat/Long: 47.638972845 / -122.3015369

Brownfield Status: Not reported Rank Status: N Clean Up Siteid: 5757

Site Status: Cleanup Started PSI?: Not reported Contaminant Name: Petroleum-Other

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

U003795433

EDR ID Number

Direction Distance Elevation

tion Site Database(s) EPA ID Number

MOBIL STATION 99-MPB (Continued)

U003795433

EDR ID Number

LUST:

Facility ID: 24792884 Lust Status Type: Cleanup Started

Cleanup Site ID: 5757 Cleanup Unit Type: Upland

Process Type: Voluntary Cleanup Program

Cleanup Unit Name: Mobil 99MPB Lust Status Date: 03/15/1996 Response Section: Northwest

Lat/Long: 47.6389728 / -122.30153

UST:

 Facility ID:
 24792884

 Site Id:
 403305

 UBI:
 Not reported

 Phone Number:
 Not reported

 Decimal Latitude:
 47.6389728452655

 Decimal Longitude:
 -122.301536901273

Tank Name: 1

Tag Number: Not reported Tank Status: Removed Tank Status Date: 06/19/2001 Tank Install Date: 00/01/1900 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: Not reported Tank Construction: Not reported Tank Tightness Test: Not reported Not reported Tank Corrosion Protection: 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 Pipe Second Release Detection: Not reported Pipe Corrosion Protection: Not reported Pipe Pumping System: Not reported Responsible Unit: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

Tank Name: 2

Tag Number: Not reported Tank Status: Removed Tank Status Date: 06/19/2001 00/01/1900 Tank Install Date: Tank Closure Date: Not reported Not reported Capacity Range: Tank Permit Expiration Date: Not reported Tank Upgrade Date: Not reported

Distance Elevation

Site Database(s) EPA ID Number

MOBIL STATION 99-MPB (Continued)

U003795433

EDR ID Number

Tank Spill Prevention: Not reported Tank Overfill Prevention: Not reported Not reported Tank Material: Not reported Tank Construction: Tank Tightness Test: Not reported Not reported Tank Corrosion Protection: Tank Manifold: Not reported Tank Release Detection: Not reported Not reported Tank SFC Type: 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 NORTHWEST Responsible Unit: Dispencer/Pump SFC Type: Not reported

Tank Name: 3

Tag Number: Not reported Tank Status: Removed 06/19/2001 Tank Status Date: Tank Install Date: 00/01/1900 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 Not reported Tank Overfill Prevention: Tank Material: Not reported Tank Construction: Not reported Tank Tightness Test: Not reported Tank Corrosion Protection: Not reported Not reported Tank Manifold: Not reported Tank Release Detection: Not reported Tank SFC Type: 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: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

Tank Name:

Tag Number: Not reported Tank Status: Removed Tank Status Date: 06/19/2001 Tank Install Date: 00/01/1964 Tank Closure Date: Not reported Capacity Range: Not reported Not reported Tank Permit Expiration Date: Tank Upgrade Date: Not reported Tank Spill Prevention: Not reported

Direction
Distance
Elevation

Site Database(s) EPA ID Number

MOBIL STATION 99-MPB (Continued)

U003795433

EDR ID Number

Tank Overfill Prevention: Not reported Tank Material: Not reported Not reported Tank Construction: Tank Tightness Test: Not reported Tank Corrosion Protection: Not reported Not reported Tank Manifold: Not reported Tank Release Detection: 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 **NORTHWEST** Responsible Unit: Dispencer/Pump SFC Type: Not reported

VCP:

 edr_fstat:
 WA

 edr_fzip:
 98112-3050

 edr_fcnty:
 KING

 edr_zip:
 Not reported

 Facility ID:
 24792884

 VCP Status:
 Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported

Rank: N Cleanup Siteid: 5757

edr_fstat: WA

 edr_fzip:
 98112-3050

 edr_fcnty:
 KING

 edr_zip:
 Not reported

 Facility ID:
 24792884

 VCP Status:
 Not reported

 VCP:
 Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported

Rank: N Cleanup Siteid: 5757

edr_fstat: WA
edr_fzip: 98112-3050
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 24792884
VCP Status: Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported Not repo

Rank: N Cleanup Siteid: 5757

Direction Distance Elevation

Site Database(s) EPA ID Number

MOBIL STATION 99-MPB (Continued)

U003795433

EDR ID Number

 edr_fstat:
 WA

 edr_fzip:
 98112-3050

 edr_fcnty:
 KING

 edr_zip:
 Not reported

 Facility ID:
 24792884

 VCP Status:
 Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported

Rank: N Cleanup Siteid: 5757

 edr_fstat:
 WA

 edr_fzip:
 98112-3050

 edr_fcnty:
 KING

 edr_zip:
 Not reported

 Facility ID:
 24792884

 VCP Status:
 Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported Rank: N

Cleanup Siteid: 5757

 edr_fstat:
 WA

 edr_fzip:
 98112-3050

 edr_fcnty:
 KING

 edr_zip:
 Not reported

 Facility ID:
 24792884

 VCP Status:
 Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported

Rank: N Cleanup Siteid: 5757

 edr_fstat:
 WA

 edr_fzip:
 98112-3050

 edr_fcnty:
 KING

 edr_zip:
 Not reported

 Facility ID:
 24792884

 VCP Status:
 Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported Rank: N

Cleanup Siteid: 5757

edr_fstat: WA

 edr_fzip:
 98112-3050

 edr_fcnty:
 KING

 edr_zip:
 Not reported

 Facility ID:
 24792884

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL STATION 99-MPB (Continued)

VCP Status: Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported

Rank: Ν Cleanup Siteid: 5757

ALLSITES:

Facility Name: MOBIL STATION 99MPB

Facility Id: 24792884

Interaction: 34105 Interaction 1: Interaction 2: UST **TOXICS Ecology Program:** Program Data: UST Facility Alt.: Not reported Program ID: 403305

1996-10-17 00:00:00 Date Interaction: Date Interaction 3: Underground Storage Tank 47.638966703999998 Latitude: Longitude: -122.30153393800001

Interaction: 34108 Interaction 1:

Interaction 2: **VOLCLNST Ecology Program: TOXICS** ISIS Program Data:

Facility Alt.: MOBIL STATION 99MPB

Program ID: NW1857

2007-11-26 00:00:00 Date Interaction: Date Interaction 3: Voluntary Cleanup Sites Latitude: 47.638966703999998 Longitude: -122.30153393800001

Interaction: 34107 Interaction 1: Interaction 2: **HWG Ecology Program: HAZWASTE** Program Data: **TURBOWASTE** Facility Alt.: Not reported Program ID: WAH000031134 Date Interaction: 2007-05-18 00:00:00 Date Interaction 3: Hazardous Waste Generator 47.638966703999998 Latitude: Longitude: -122.30153393800001

34106 Interaction: Interaction 1: Α LUST Interaction 2: **TOXICS Ecology Program:** Program Data: ISIS Facility Alt.: Not reported U003795433

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL STATION 99-MPB (Continued)

U003795433

EDR ID Number

Program ID: 403305

 Date Interaction:
 1997-01-21 00:00:00

 Date Interaction 3:
 LUST Facility

 Latitude:
 47.638966703999998

 Longitude:
 -122.30153393800001

Interaction: 106823 Interaction 1: A

Interaction 2: VOLCLNST Ecology Program: TOXICS Program Data: ISIS

Facility Alt.: MOBIL STATION 99MPB

Program ID: NW2812

 Date Interaction:
 2013-12-23 00:00:00

 Date Interaction 3:
 Voluntary Cleanup Sites

 Latitude:
 47.638966703999998

 Longitude:
 -122.30153393800001

Interaction: 34109
Interaction 1: A
Interaction 2: HWOTHER
Ecology Program: HAZWASTE
Program Data: TURBOWASTE

Facility Alt.: Exxon Mobil Oil Corporation 99MPB

 Program ID:
 WAH000031134

 Date Interaction:
 2007-12-31 00:00:00

 Date Interaction 3:
 Haz Waste Management Acti

 Latitude:
 47.638966703999998

 Longitude:
 -122.30153393800001

WA MANIFEST:

Facility Site ID Number: 24792884 EPA ID: WAH000031134 NAICS: 447110 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2011 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False

Immediate recycler: False Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False

Direction Distance Elevation

ance EDR ID Number
vation Site Database(s) EPA ID Number

MOBIL STATION 99-MPB (Continued)

U003795433

Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 409011614

Business Type: Former Service Station
Mail Name: JD2 Environmental
Mail addr line1: 800 E. Washington St
Mail city,st,zip: West Chester, PA 19380
Mail country: UNITED STATES

Legal org name: Exxon Mobil Oil Corporation

Legal org type: Private

Legal addr line1: 3225 Gallows Rd
Legal city,st,zip: Fairfax, VA 22037
Legal country: UNITED STATES
Legal phone nbr: (703)846-3000
Legal effective date: 12/01/1999

Land org name: Community Birth and Health LLC

Land org type: Private
Land person name: Not reported
Land addr line1: 2200 24th Ave E
Land city,st,zip: Seattle, WA 98112
Land country: UNITED STATES
Land phone nbr: (206)720-0511

Operator org name: Exxon Mobil Oil Corporation

Operator org type: Private

Operator addr line1: 3225 Gallows Rd
Operator city,st,zip: Fairfax, VA 22037
Operator country: UNITED STATES
Operator phone nbr: (703)846-3000
Operator effective date: 12/01/1999
Site contact name: Jimmy J Street

Site contact addr line1: 14950 Heathrow Forest Pkwy

Site contact addr line2:
Site Contact City/State/ Zip:
Site Contact Country:
Site Contact Phone #:

Office P031D
Houston, TX 77032
UNITED STATES
(281)654-8425

Site Contact EMail: jimmy.j.street@exxonmobil.com

Form Contact NAME: Jimmy J Street

Form Contact ADDR LINE1: 14950 Heathrow Forest Pkwy

Form Contact ADDR LINE2: Office P031D
Form Contact City,ST,Zip: Houston, TX 77032
Form Contact Country: UNITED STATES
Form Contact Phone #: (281)654-8425

Form Contact EMail: jimmy.j.street@exxonmobil.com

Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

MOBIL STATION 99-MPB (Continued)

U003795433

1007073860

N/A

FINDS

MANIFEST

EDR ID Number

Transfer Facility: False Not reported Other Exemption: UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

C15 **MOBIL STATION 99MPB** SW 2200 24TH AVE E 1/8-1/4 SEATTLE, WA 98112

0.231 mi.

1221 ft. Site 4 of 4 in cluster C FINDS:

Relative:

Higher

110015504961 Registry ID: Actual:

76 ft.

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water

Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

WA MANIFEST:

Facility Site ID Number: 24792884 WAH000031134 EPA ID: NAICS: 447110 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2010 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False False Universal waste - mercury - generate:

Direction Distance Elevation

ation Site Database(s) EPA ID Number

MOBIL STATION 99MPB (Continued)

1007073860

EDR ID Number

Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 409011614

Business Type: Former Service Station
Mail Name: JD2 Environmental
Mail addr line1: 800 E. Washington St
Mail city,st,zip: West Chester, PA 19380
Mail country: UNITED STATES

Legal org name: Exxon Mobil Oil Corporation

Legal org type: Private

Legal addr line1: 3225 Gallows Rd
Legal city,st,zip: Fairfax, VA 22037
Legal country: UNITED STATES
Legal phone nbr: (703)846-3000
Legal effective date: 12/01/1999

Land org name: Community Birth and Health LLC

Land org type: Private
Land person name: Not reported
Land addr line1: 2200 24th Ave E
Land city,st,zip: Seattle, WA 98112
Land country: UNITED STATES
Land phone nbr: (206)720-0511

Operator org name: Exxon Mobil Oil Corporation

Operator org type: Private

Operator addr line1: 3225 Gallows Rd
Operator city,st,zip: Fairfax, VA 22037
Operator country: UNITED STATES
Operator phone nbr: (703)846-3000
Operator effective date: 12/01/1999
Site contact name: Jimmy J Street

Site contact addr line1: 14950 Heathrow Forest Pkwy

Site contact addr line2:
Site Contact City/State/ Zip:
Site Contact Country:
Site Contact Phone #:

Office P031D
Houston, TX 77032
UNITED STATES
(281)654-8425

Site Contact EMail: jimmy.j.street@exxonmobil.com

Form Contact NAME: Jimmy J Street

Form Contact ADDR LINE1: 14950 Heathrow Forest Pkwy

Form Contact ADDR LINE2: Office P031D
Form Contact City,ST,Zip: Houston, TX 77032
Form Contact Country: UNITED STATES
Form Contact Phone #: (281)654-8425

Form Contact EMail: jimmy.j.street@exxonmobil.com

Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False

Distance Elevation

on Site Database(s) EPA ID Number

MOBIL STATION 99MPB (Continued)

1007073860

EDR ID Number

Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 24792884 EPA ID: WAH000031134 NAICS: 447110 SWC Desc: Not reported FWC Desc: D001,D018 Not reported Form Comm: Data Year: 2008 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 409011614

Business Type: Former Service Station
Mail Name: JD2 Environmental
Mail addr line1: 882 S. Matlack St

Mail addr line2: Suite C

Mail city,st,zip: West Chester, PA 19382
Mail country: UNITED STATES

Legal org name: Exxon Mobil Oil Corporation

Legal org type: Private

Legal addr line1:3225 Gallows RdLegal city,st,zip:Fairfax, VA 22037Legal country:UNITED STATESLegal phone nbr:(703)846-3000Legal effective date:12/01/1999

Distance Elevation

n Site Database(s) EPA ID Number

MOBIL STATION 99MPB (Continued)

1007073860

EDR ID Number

Land org name: Community Birth and Health LLC

Land org type: Private
Land person name: Not reported
Land addr line1: 2200 24th Ave E
Land city,st,zip: Seattle, WA 98112
Land country: UNITED STATES
Land phone nbr: (206)720-0511

Operator org name: Exxon Mobil Oil Corporation

Operator org type: Private

Operator addr line1: 3225 Gallows Rd
Operator city,st,zip: Fairfax, VA 22037
Operator country: UNITED STATES
Operator phone nbr: (703)846-3000
Operator effective date: 12/01/1999
Site contact name: Donna Hymes
Site contact addr line1: 882 S. Matlack St

Site contact addr line2: Suite C

Site Contact City/State/ Zip: West Chester, PA 19382
Site Contact Country: UNITED STATES
Site Contact Phone #: (610)430-8151
Site Contact EMail: dhymes@jd2env.com
Form Contact NAME: Donna Hymes
Form Contact ADDR LINE1: 882 S. Matlack St
Form Contact ADDR LINE2: Suite C

Form Contact City,ST,Zip: West Chester, PA 19382
Form Contact Country: UNITED STATES
Form Contact Phone #: (610)430-8151

Form Contact Phone #. (610)430-6151
Form Contact EMail: dhymes@jd2env.com

Gen Status CD: XQG Monthly Generation: False Batch Generation: True One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 24792884
EPA ID: WAH000031134
NAICS: 447110
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2012

Data Year: 2012
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False

Distance Elevation

ion Site Database(s) EPA ID Number

MOBIL STATION 99MPB (Continued)

1007073860

EDR ID Number

Immediate recycler: False Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 409011614

Business Type: Former Service Station
Mail Name: JD2 Environmental
Mail addr line1: 800 E. Washington St
Mail city,st,zip: West Chester, PA 19380
Mail country: UNITED STATES

Legal org name: Exxon Mobil Oil Corporation

Legal org type: Private

Legal addr line1: 3225 Gallows Rd
Legal city,st,zip: Fairfax, VA 22037
Legal country: UNITED STATES
Legal phone nbr: (703)846-3000
Legal effective date: 12/01/1999

Land org name: Community Birth and Health LLC

Land org type: Private
Land person name: Not reported
Land addr line1: 2200 24th Ave E
Land city,st,zip: Seattle, WA 98112
Land country: UNITED STATES
Land phone nbr: (206)720-0511

Operator org name: Exxon Mobil Oil Corporation

Operator org type: Private

Operator addr line1: 3225 Gallows Rd
Operator city,st,zip: Fairfax, VA 22037
Operator country: UNITED STATES
Operator phone nbr: (703)846-3000
Operator effective date: 12/01/1999
Site contact name: Jimmy J Street

Site contact addr line1: 14950 Heathrow Forest Pkwy

Site contact addr line2: Office P031D
Site Contact City/State/ Zip: Houston, TX 77032
Site Contact Country: UNITED STATES
Site Contact Phone #: (281)654-8425

Site Contact EMail: jimmy.j.street@exxonmobil.com

Form Contact NAME: Jimmy J Street

Form Contact ADDR LINE1: 14950 Heathrow Forest Pkwy

Direction Distance Elevation

n Site Database(s) EPA ID Number

MOBIL STATION 99MPB (Continued)

1007073860

EDR ID Number

Form Contact ADDR LINE2: Office P031D
Form Contact City,ST,Zip: Houston, TX 77032
Form Contact Country: UNITED STATES
Form Contact Phone #: (281)654-8425

Form Contact EMail: jimmy.j.street@exxonmobil.com

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 24792884 EPA ID: WAH000031134 NAICS: 447110 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2015 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 409011614

Business Type: Former Service Station

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL STATION 99MPB (Continued)

1007073860

EDR ID Number

Mail Name:EMES c/o JD2 EnvironmentalMail addr line1:800 E. Washington StMail city,st,zip:West Chester, PA 19380Mail country:UNITED STATESLegal org name:Exxon Mobil Oil Corporation

Legal org type: Private

Legal addr line1: 5959 Las Colinas Boulevard
Legal city,st,zip: Irving, TX 75039-4202
Legal country: UNITED STATES
Legal phone nbr: (972) 444-1000
Legal effective date: 12/01/1999
Land org name: 2200 Boston LLC

Land org type: Private
Land person name: Dr. Paul Joos

Land addr line1: 15215 SE 272nd Street, Suite 2

Land city,st,zip: Kent, WA 98042-9918
Land country: UNITED STATES
Land phone nbr: (253) 631-8000

Operator org name: Exxon Mobil Oil Corporation

Operator org type: Private

Operator addr line1: 5959 Las Colinas Boulevard
Operator city,st,zip: Irving, TX 75039-4202
Operator country: UNITED STATES
Operator phone nbr: (972) 444-1000
Operator effective date: 12/01/1999
Site contact name: Jimmy J Street

Site contact addr line1: 22777 Springwoods Village
Site contact addr line2: Parkway Area: E4.1B.367
Site Contact City/State/ Zip: Spring, TX 77389
Site Contact Country: UNITED STATES
Site Contact Phone #: (832) 624-6081

Site Contact EMail: jimmy.j.street@exxonmobil.com

Form Contact NAME: Donna Hymes

Form Contact ADDR LINE1:
Form Contact City,ST,Zip:
Form Contact Country:
Form Contact Phone #:
Form Contact EMail:

800 East Washington Street
West Chester, PA 19380
UNITED STATES
(610) 430-8151
dhymes@jd2env.com

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner:

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 24792884

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL STATION 99MPB (Continued)

1007073860

EDR ID Number

EPA ID: WAH000031134 NAICS: 447110 SWC Desc: Not reported D001,D018 FWC Desc: Form Comm: Not reported Data Year: 2009 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False Treatment/Storage/Disposal/Recycling Facility:

False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 409011614

Business Type: Former Service Station
Mail Name: JD2 Environmental
Mail addr line1: 800 E. Washington St
Mail city,st,zip: West Chester, PA 19380
Mail country: UNITED STATES

Legal org name: Exxon Mobil Oil Corporation

Legal org type: Private

Legal addr line1: 3225 Gallows Rd
Legal city,st,zip: Fairfax, VA 22037
Legal country: UNITED STATES
Legal phone nbr: (703)846-3000
Legal effective date: 12/01/1999

Land org name: Community Birth and Health LLC

Land org type: Private
Land person name: Not reported
Land addr line1: 2200 24th Ave E
Land city,st,zip: Seattle, WA 98112
Land country: UNITED STATES
Land phone nbr: (206)720-0511

Operator org name: Exxon Mobil Oil Corporation

Operator org type: Private

Operator addr line1: 3225 Gallows Rd
Operator city,st,zip: Fairfax, VA 22037
Operator country: UNITED STATES
Operator phone nbr: (703)846-3000

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL STATION 99MPB (Continued)

1007073860

Operator effective date: 12/01/1999 Site contact name: Larry Wells

17001 Northchase Dr Site contact addr line1: Rm GSC-GP5-1113 Site contact addr line2: Site Contact City/State/ Zip: Houston, TX 77060 Site Contact Country: **UNITED STATES** Site Contact Phone #: (281)654-8425

Site Contact EMail: larry.w.wells@exxonmobil.com

Form Contact NAME: Larry Wells

Form Contact ADDR LINE1: 17001 Northchase Dr Rm GSC-GP5-1113 Form Contact ADDR LINE2: Form Contact City, ST, Zip: Houston, TX 77060 **UNITED STATES** Form Contact Country: Form Contact Phone #: (281)654-8425

Form Contact EMail: larry.w.wells@exxonmobil.com

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 24792884 WAH000031134 EPA ID: NAICS: 447110 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2014 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False

Distance

Elevation Site Database(s) EPA ID Number

MOBIL STATION 99MPB (Continued)

1007073860

EDR ID Number

Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False Tax Reg #: 409011614

Business Type: Former Service Station
Mail Name: EMES c/o JD2 Environmental
Mail addr line1: 800 E. Washington St
Mail city,st,zip: West Chester, PA 19380
Mail country: UNITED STATES

Legal org name: Exxon Mobil Oil Corporation

Legal org type: Private

Legal addr line1: 3225 Gallows Rd
Legal city,st,zip: Fairfax, VA 22037
Legal country: UNITED STATES
Legal phone nbr: (703)846-3000
Legal effective date: 12/01/1999

Land org name: Community Birth and Health LLC

Land org type: Private

Land person name: Not reported

Land addr line1: 2200 24th Ave E

Land city,st,zip: Seattle, WA 98112

Land country: UNITED STATES

Land phone nbr: (206)720-0511

Operator org name: Exxon Mobil Oil Corporation

Operator org type: Private

Operator addr line1: 3225 Gallows Rd
Operator city,st,zip: Fairfax, VA 22037
Operator country: UNITED STATES
Operator phone nbr: (703)846-3000
Operator effective date: 12/01/1999
Site contact name: Jimmy J Street

Site contact addr line1: 22777 Springwoods Village Parkway

Site contact addr line2: Area: S2.B2.282
Site Contact City/State/ Zip: Houston, TX 77389
Site Contact Country: UNITED STATES
Site Contact Phone #: 832.624.6081

Site Contact EMail: jimmy.j.street@exxonmobil.com

Form Contact NAME: Donna Hymes

Form Contact ADDR LINE1:
Form Contact City,ST,Zip:
Form Contact Country:
Form Contact Phone #:
Form Contact EMail:

800 East Washington Street
West Chester, PA 19380
UNITED STATES
(610) 430-8151
dhymes@jd2env.com

Gen Status CD: XQG False Monthly Generation: Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported

MAP FINDINGS Map ID Direction

Distance Elevation

EDR ID Number Site Database(s) **EPA ID Number**

MOBIL STATION 99MPB (Continued)

1007073860

UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 24792884 EPA ID: WAH000031134 NAICS: 447110 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2016 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

409011614 Tax Reg #:

Business Type: Former Service Station Mail Name: EMES c/o JD2 Environmental Mail addr line1: 800 E. Washington St Mail city,st,zip: West Chester, PA 19380 Mail country: **UNITED STATES** Legal org name: Exxon Mobil Oil Corporation

Legal org type: Private 5959 Las Colinas Boulevard Legal addr line1: Irving, TX 75039-4202 Legal city,st,zip: Legal country: **UNITED STATES** (972) 444-1000 Legal phone nbr: Legal effective date: 12/01/1999 Land org name: 2200 Boston LLC

Land org type: Private Land person name: Dr. Paul Joos

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL STATION 99MPB (Continued)

1007073860

Land addr line1: 15215 SE 272nd Street, Suite 2

Land city,st,zip: Kent, WA 98042-9918 **UNITED STATES** Land country: Land phone nbr: (253) 631-8000

Operator org name: Exxon Mobil Oil Corporation

Operator org type: Private

Operator addr line1: 5959 Las Colinas Boulevard Operator city,st,zip: Irving, TX 75039-4202 Operator country: **UNITED STATES** Operator phone nbr: (972) 444-1000 Operator effective date: 12/01/1999

Site contact name: Jennifer C Sedlachek

Site contact addr line1: ExxonMobil Environmental Svcs Site contact addr line2: 4096 Piedmont Avenue #194

Site Contact City/State/ Zip: Oakland, CA 94611 Site Contact Country: **UNITED STATES** Site Contact Phone #: (925)787-4718

jennifer.c.sedlachek@exxonmobil.com Site Contact EMail:

Form Contact NAME: Jennifer C Sedlachek

Form Contact ADDR LINE1: ExxonMobil Environmental Svcs Form Contact ADDR LINE2: 4096 Piedmont Avenue #194

Form Contact City, ST, Zip: Oakland, CA 94611 Form Contact Country: **UNITED STATES** Form Contact Phone #: (925)787-4718

Form Contact EMail: jennifer.c.sedlachek@exxonmobil.com

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

447110

False

Facility Site ID Number: 24792884 EPA ID: WAH000031134 NAICS:

SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2013 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False

Immediate recycler:

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL STATION 99MPB (Continued)

1007073860

Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False Tax Reg #: 409011614

Business Type: Former Service Station Mail Name: EMES c/o JD2 Environmental 800 E. Washington St Mail addr line1: West Chester, PA 19380 Mail city, st, zip: Mail country: **UNITED STATES**

Legal org name: Exxon Mobil Oil Corporation

Legal org type: Private Legal addr line1: 3225 Gallows Rd Legal city,st,zip: Fairfax, VA 22037 Legal country: **UNITED STATES** Legal phone nbr: (703)846-3000 Legal effective date: 12/01/1999

Land org name: Community Birth and Health LLC

Land org type: Private Land person name: Not reported 2200 24th Ave E Land addr line1: Seattle, WA 98112 Land city,st,zip: **UNITED STATES** Land country: Land phone nbr: (206)720-0511

Exxon Mobil Oil Corporation Operator org name:

Operator org type: Private

Operator addr line1: 3225 Gallows Rd Operator city,st,zip: Fairfax, VA 22037 Operator country: **UNITED STATES** Operator phone nbr: (703)846-3000 Operator effective date: 12/01/1999 Site contact name: Jimmy J Street Site contact addr line1: 13401 North Freeway Site contact addr line2: Office 117

Site Contact City/State/ Zip: Houston, TX 77060 Site Contact Country: **UNITED STATES** Site Contact Phone #: (281)654-8425

Site Contact EMail: jimmy.j.street@exxonmobil.com

Form Contact NAME: Donna Hymes

Form Contact ADDR LINE1: 800 East Washington Street Form Contact City, ST, Zip: West Chester, PA 19380 **UNITED STATES** Form Contact Country:

Form Contact Phone #: (610) 430-8151

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL STATION 99MPB (Continued)

1007073860

S118493966

N/A

CSCSL

ALLSITES

Form Contact EMail: dhymes@jd2env.com

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

16 WA DOT SR 520 24TH WABN NNW 24TH AVE E & SR 520

1/4-1/2 SEATTLE, WA 98112

0.265 mi. 1399 ft.

Relative: CSCSL: Lower Facility ID:

Region: Northwest Actual: 32 ft.

47.645200909 / -122.30027986 Lat/Long:

Brownfield Status: Not reported Rank Status: Ν Clean Up Siteid: 12906

Site Status: Awaiting Cleanup PSI?: Not reported

Contaminant Name: Lead

Ground Water: Not reported Surface Water: Not reported

Confirmed Above Cleanup Level Soil:

24847

Not reported Sediment: Not reported Air: Bedrock: Not reported Responsible Unit: Northwest

Facility ID: 24847 Region: Northwest

Lat/Long: 47.645200909 / -122.30027986

Brownfield Status: Not reported

Rank Status: Ν Clean Up Siteid: 12906

Site Status: **Awaiting Cleanup** PSI?: Not reported Contaminant Name: Metals - Other Ground Water: Not reported Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported Not reported Air: Bedrock: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

WA DOT SR 520 24TH WABN (Continued)

S118493966

EDR ID Number

Responsible Unit: Northwest

Facility ID: 24847 Region: Northwest

Lat/Long: 47.645200909 / -122.30027986

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 12906

Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:

Facility Name: WA DOT SR 520 24TH WABN

Facility Id: 24847

 Interaction:
 115823

 Interaction 1:
 A

 Interaction 2:
 SCS

 Ecology Program:
 TOXICS

 Program Data:
 ISIS

Facility Alt.: WA DOT SR 520 24th WABN

 Program ID:
 Not reported

 Date Interaction:
 2013-12-31 00:00:00

 Date Interaction 3:
 State Cleanup Site

 Latitude:
 47.645193667999997

 Longitude:
 -122.300283775

17 TEUTSCH PROPERTY SSW 1961 26TH AVE E 1/4-1/2 SEATTLE, WA 98112

1/4-1/2 SEATTLE, WA 98112 0.281 mi. CSCSL S111415213 ALLSITES N/A SPILLS

1483 ft.

Relative: CSCSL:
Higher Facility ID: 14615
Actual: Region: Northwest

64 ft. Lat/Long: 47.637544229 / -122.29976373

Brownfield Status: Not reported Rank Status: N
Clean Up Siteid: 12088

Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Petroleum-Diesel

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported Air: Not reported

Direction Distance Elevation

vation Site Database(s) EPA ID Number

-122.29974124100001

TEUTSCH PROPERTY (Continued)

S111415213

EDR ID Number

Bedrock: Not reported Responsible Unit: Northwest

ALLSITES:

Facility Name: TEUTSCH PROPERTY

Facility Id: 14615

 Interaction:
 104381

 Interaction 1:
 A

 Interaction 2:
 SCS

 Ecology Program:
 TOXICS

 Program Data:
 ISIS

Facility Alt.: Teutsch Property
Program ID: Not reported
Date Interaction: 2012-11-30 00:00:00
Date Interaction 3: State Cleanup Site
Latitude: 47.637538415999998

SPILLS:

Longitude:

Facility ID: 631539

Medium: SURFACE WATER-FRESH Material Desc: PETROLEUM - FUEL OIL

Material Qty: Not reported **GALLON** Material Units: Date Received: 01/21/2012 UNKNOWN Contact Name: Incident Date: Not reported Incident Category Type: Not reported Incident Category: Not reported Latitude: Not reported Longitude: Not reported Source Type: Not reported Not reported Source: Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

Facility ID: 631539

Medium: IMPERMEABLE CONTAINMENT

Material Desc: PETROLEUM - FUEL OIL

Material Qty: Not reported Material Units: GALLON Date Received: 01/27/2012 Contact Name: **TEUTSCH** Incident Date: Not reported Incident Category Type: Not reported Incident Category: Not reported Not reported Latitude: Longitude: Not reported Source Type: Not reported Source: Not reported Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

 D18
 AT&T WIRELESS MONTLAKE
 ALLSITES 1007728320

 WNW
 2605 22ND AVE E
 FINDS N/A

AT&T WIRELESS MONTLAKE

WNW 2605 22ND AVE E 1/4-1/2 SEATTLE, WA 98112

0.292 mi.

1542 ft. Site 1 of 2 in cluster D

Relative: ALLSITES:
Higher Facility Name:
Actual: Facility Id:

Actual: 62 ft.

Interaction: 19782 Interaction 1: I

 Interaction 2:
 TIER2

 Ecology Program:
 HAZWASTE

 Program Data:
 EPCRA

 Facility Alt.:
 Not reported

 Program ID:
 CRK000056770

 Date Interaction:
 2003-09-15 00:00:00

 Date Interaction 3:
 Emergency/Haz Cher

6897318

Date Interaction 3: Emergency/Haz Chem Rpt TI
Latitude: 47.643060816000002
Longitude: -122.305060682

 Interaction:
 123757

 Interaction 1:
 A

 Interaction 2:
 TIER2

 Ecology Program:
 HAZWASTE

 Program Data:
 EPCRA

Facility Alt.: ATT MOBILITY MONTLAKE

Program ID: CRK000056770

Date Interaction: 2014-01-01 00:00:00

Date Interaction 3: Emergency/Haz Chem Rpt TI

Latitude: 47.643060816000002 Longitude: -122.305060682

FINDS:

Registry ID: 110018849834

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

 D19
 MONTLAKE TEXACO
 UST
 U003024818

 WNW
 2625 E MONTLAKE PL
 ALLSITES
 N/A

1/4-1/2 0.306 mi.

1615 ft. Site 2 of 2 in cluster D

SEATTLE, WA 98112

Relative: UST:

 Higher
 Facility ID:
 47724816

 Actual:
 Site Id:
 100410

 58 ft.
 UBI:
 Not reported

 Phone Number:
 Not reported

 Posimal Latitude:
 47.643237

 Decimal Latitude:
 47.643237

 Decimal Longitude:
 -122.304792

 Tank Name:
 1-10000

 Tag Number:
 A8065

Tag Number: A8065
Tank Status: Operational
Tank Status Date: 01/15/1975
Tank Install Date: 00/15/1975
Tank Closure Date: Not reported

Capacity Range: 10,000 to 19,999 Gallons

Tank Permit Expiration Date: 12/31/2018
Tank Upgrade Date: 01/15/1997

Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Overfill Alarm

Tank Overfill Prevention:

Tank Material:

Tank Construction:

Tank Tightness Test:

Tank Corrosion Protection:

Tank Manifold:

Overfill Alarm

Steel

Single Wall Tank

Not reported

Impressed Current

Not reported

Tank Release Detection:

Tank SFC Type:

Pipe Material:

Pipe Construction:

Automatic Tank Gauging

Impressed Current

Fiberglass

Single Wall Pipe

Pipe Primary Release Detection: Automatic Line Leak Detector (ALLD) Pipe Second Release Detection: Annual Line Tightness Test (LTT)

Pipe Corrosion Protection:
Pipe Pumping System:
Responsible Unit:
Dispencer/Pump SFC Type:
Corrosion Resistant
Pressurized System
NORTHWEST
Rubber Boot

Tank Name: 2-10000
Tag Number: A8065
Tank Status: Operational
Tank Status Date: 01/15/1962
Tank Install Date: 00/15/1962
Tank Closure Date: Not reported

Capacity Range: 10,000 to 19,999 Gallons

Tank Permit Expiration Date: 12/31/2018
Tank Upgrade Date: 01/15/1997

Tank Spill Prevention: Spill Bucket/Spill Box

Tank Overfill Prevention: Overfill Alarm Tank Material: Steel

Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Impressed Current

Tank Manifold: Main

Tank Release Detection: Automatic Tank Gauging

EDR ID Number

Direction Distance

Elevation Site Database(s) **EPA ID Number**

MONTLAKE TEXACO (Continued)

U003024818

EDR ID Number

Impressed Current Tank SFC Type: Pipe Material: Fiberglass Pipe Construction: Single Wall Pipe

Pipe Primary Release Detection: Automatic Line Leak Detector (ALLD) Pipe Second Release Detection: Annual Line Tightness Test (LTT)

Corrosion Resistant Pipe Corrosion Protection: Pressurized System Pipe Pumping System: Responsible Unit: **NORTHWEST** Dispencer/Pump SFC Type: Rubber Boot

Tank Name: 3-5000 Tag Number: A8065 Tank Status: Operational Tank Status Date: 01/15/1952 Tank Install Date: 00/15/1952 Tank Closure Date: Not reported

5,000 to 9,999 Gallons Capacity Range:

Tank Permit Expiration Date: 12/31/2018 Tank Upgrade Date: 01/15/1997

Tank Spill Prevention: Spill Bucket/Spill Box

Tank Overfill Prevention: Overfill Alarm Tank Material: Steel

Tank Construction: Single Wall Tank Tank Tightness Test: Not reported Tank Corrosion Protection: Impressed Current

Tank Manifold: Auxiliary

Tank Release Detection: Automatic Tank Gauging Tank SFC Type: Impressed Current Pipe Material: Fiberglass Pipe Construction: Single Wall Pipe

Pipe Primary Release Detection: Automatic Line Leak Detector (ALLD) Pipe Second Release Detection: Annual Line Tightness Test (LTT)

Pipe Corrosion Protection: Corrosion Resistant Pressurized System Pipe Pumping System: Responsible Unit: NORTHWEST Dispencer/Pump SFC Type: Rubber Boot

4-300 Tank Name: Tag Number: A8065 Closed in Place

Tank Status:

Tank Status Date: 08/06/1996 Tank Install Date: 00/01/1975 Tank Closure Date: Not reported Capacity Range: Not reported Tank Permit Expiration Date: 02/28/2002 Tank Upgrade Date: 01/01/2001 Tank Spill Prevention: 25 Gallons or Less Tank Overfill Prevention: 25 Gallons or less

Tank Material: Steel

Tank Construction: Single Wall Tank Tank Tightness Test: Not reported Tank Corrosion Protection: None Tank Manifold: Not reported

Tank Release Detection: Weekly Manual Gauging

Tank SFC Type: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MONTLAKE TEXACO (Continued)

U003024818

Pipe Material: No Piping Attached to Tank No Piping Attached to Tank Pipe Construction:

Pipe Primary Release Detection: Not reported Pipe Second Release Detection: Not reported Pipe Corrosion Protection: Not reported Pipe Pumping System: Not reported Responsible Unit: NORTHWEST Dispencer/Pump SFC Type: Not reported

ALLSITES:

Facility Name: MONTLAKE TEXACO

Facility Id: 47724816

47182 Interaction: Interaction 1: Α Interaction 2: UST **TOXICS Ecology Program:** Program Data: UST Facility Alt.: Not reported Program ID: 100410

Date Interaction: 1952-01-15 00:00:00 Date Interaction 3: Underground Storage Tank Latitude: 47.643231376999999 -122.304777102 Longitude:

NATIONAL MARINE FISHERIES - NW FISHERIES CENTER E20

S104485589 ICR N/A

1/4-1/2 0.389 mi.

SEATTLE, WA 98112

2725 MONTLAKE BLVD.

Site 1 of 2 in cluster E 2054 ft.

Relative: Higher

NW

ICR:

Actual: 69 ft.

Date Ecology Received Report: 09/25/98

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-16 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 05/20/91

Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil

Waste Management: Tank

Region: North Western Type of Report Ecology Received: Not reported Site Register Issue: 91-30 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 10/04/91

Contaminants Found at Site: Petroleum products

Direction Distance

Elevation Site Database(s) **EPA ID Number**

NATIONAL MARINE FISHERIES - NW FISHERIES CENTER (Continued)

S104485589

EDR ID Number

Soil, Groundwater, Surface water Media Contaminated:

Waste Management: Tank

Region: North Western Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 92-08 County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 08/13/92

Contaminants Found at Site: Petroleum products

Media Contaminated: Soil Waste Management: Tank

Region: North Western Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 92-34 County Code: 17

Contact: Not reported Report Title: Not reported

E21 **NW FISHERIES SCIENCE CENTER** RCRA-SQG 1000327746 NW 2725 MONTLAKE BLVD, EAST **CSCSL** WA8143690016 **LUST**

1/4-1/2 SEATTLE, WA 98112

0.389 mi. UST 2054 ft. Site 2 of 2 in cluster E **ALLSITES**

PADS Relative: **FINDS** Higher **ECHO** Actual: **ASBESTOS** 69 ft. **MANIFEST**

RCRA-SQG:

Date form received by agency: 02/28/2012

US DOC NOAA NW FISHERIES SCIENCE CENTER Facility name:

Facility address: 2725 MONTLAKE BLVD E SEATTLE, WA 98112

EPA ID: WA8143690016 JON BUZITIS Contact:

Contact address: 2725 MONTLAKE BLVD E

SEATTLE, WA 98112

Contact country: US

Contact telephone: 206-302-2438

JON.BUZITIS@NOAA.GOV Contact email:

EPA Region: 10 Land type: Federal

Classification: Small Small Quantity Generator

Handler: generates more than 100 and less than 1000 kg of hazardous Description:

> waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: USDOC NOAA NW FISHERIES SCIENCE CTR

Owner/operator address: 2725 MONTLAKE BLVD E

SEATTLE, WA 98112

US Owner/operator country:

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Owner/operator telephone: 206-860-3200 Owner/operator email: Not reported Not reported Owner/operator fax: Not reported Owner/operator extension: Legal status: Federal Owner/Operator Type: Owner 07/17/1996 Owner/Op start date: Owner/Op end date: Not reported

Owner/operator name: USDOC NOAA NW F U
Owner/operator address: 2725 MONTLAKE BLVD E
SEATTLE, WA 98112

Owner/operator country: US

Owner/operator telephone: 206-860-3200 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 07/17/1996 Owner/Op end date: Not reported

Owner/operator name: NOAA NMFS NW FI N
Owner/operator address: 2725 MONTLAKE BLVD E
SEATTLE, WA 98112

Owner/operator country: US

Owner/operator telephone: 206-860-3316 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/1900 Owner/Op end date: Not reported

Owner/operator name: NOAA NMFS NW FISHERIES SCIENCE CTR

Not reported

Owner/operator address: 2725 MONTLAKE BLVD E

SEATTLE, WA 98112

Owner/operator country: US

Owner/operator telephone: 206-860-3316
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900

Handler Activities Summary:

Owner/Op end date:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Used oil fuel burner:

Used oil processor:

User oil refiner:

Used oil fuel marketer to burner:

Used oil Specification marketer:

Used oil transfer facility:

No

Used oil transporter:

No

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

Waste code: D003

. Waste name: REACTIVE WASTE

. Waste code: D004 . Waste name: ARSENIC

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Waste code: D011
Waste name: SILVER

. Waste code: D022

. Waste name: CHLOROFORM

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,

TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT
MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT
NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS
CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED
SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

Direction Distance Elevation

ation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: WT02

Washington State Dangerous Toxic Waste with a toxic constituents

concentration greater than or equal to 0.001% and less than 1.0%, determined by biological testing methods or a book designation

procedure.

Historical Generators:

Date form received by agency: 02/28/2011

Site name: US DOC NOAA NW FISHERIES SCIENCE CENTER

Classification: Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D009
Waste name: MERCURY

. Waste code: D011 . Waste name: SILVER

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,

TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

. Waste code: F003

Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

MIXTURES.

Waste code: F005

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U117

. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

Date form received by agency: 03/01/2010

Site name: US DOC NOAA NW FISHERIES SCIENCE CENTER

Classification: Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

Waste code: D007

Waste name: CHROMIUM

Waste code: D009
Waste name: MERCURY

. Waste code: D011 . Waste name: SILVER

Waste code: D022

Waste name: CHLOROFORM

Waste code: D035

Waste name: METHYL ETHYL KETONE

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,

TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

Distance Elevation Site

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P105

Waste name: SODIUM AZIDE

Waste code: U044

. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste code: U080

. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U117

. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

Waste code: U122

Waste name: FORMALDEHYDE

Waste code: U188
Waste name: PHENOL

Waste code: WP0

Waste name: Washington State Extremely Hazardous Persistent Waste containing

Halogenated Organic Compounds (HOC) at a total concentration level of

Greater than 1.0%.

Waste code: WSC2

Waste name: Washington State solid or semisolid corrosive Dangerous Waste with a

pH less than or equal to 2, or greater than or equal to 12.5, based

upon a specific testing method.

Waste code: WT02

Waste name: Washington State Dangerous Toxic Waste with a toxic constituents

concentration greater than or equal to 0.001% and less than 1.0%, determined by biological testing methods or a book designation

procedure.

Date form received by agency: 12/31/2007

Site name: US DOC NOAA NW FISHERIES SCIENCE CENTER

Classification: Small Quantity Generator

Date form received by agency: 12/31/2005

Site name: US DOC NOAA NW FISHERIES SCIENCE CENTER

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Classification: Small Quantity Generator

Date form received by agency: 12/31/2003

Site name: US DOC NOAA NW FISHERIES SCIENCE CENTER

Classification: Small Quantity Generator

Date form received by agency: 02/24/1998

Site name: NW FISHERIES SCIENCE CENTER

Classification: Large Quantity Generator

Date form received by agency: 03/01/1996

Site name: NW FISHERIES SCIENCE CENTER

Classification: Large Quantity Generator

Date form received by agency: 10/05/1995

Site name: NW FISHERIES SCIENCE CENTER

Classification: Not a generator, verified

Facility Has Received Notices of Violations:

Regulation violated:

Not reported

Area of violation: Universal Waste - Small Quantity Handlers

Date violation determined: 07/08/2015
Date achieved compliance: 07/08/2015
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/26/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: TSD IS-Container Use and Management

Date violation determined: 07/08/2015
Date achieved compliance: 09/10/2015
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/26/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 07/08/2015
Date achieved compliance: 07/08/2015
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/26/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Direction Distance Elevation

evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 07/08/2015
Date achieved compliance: 07/29/2015
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/26/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 07/08/2015
Date achieved compliance: 07/29/2015
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/26/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 07/08/2015
Date achieved compliance: 09/10/2015
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/26/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Final penalty amount: Not reported
Paid penalty amount: Not reported
Not reported
Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 11/15/2012
Date achieved compliance: 02/04/2013
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 01/04/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Distance Elevation

ation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 11/15/2012
Date achieved compliance: 02/04/2013
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 01/04/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Universal Waste - Small Quantity Handlers

Date violation determined: 03/08/2011
Date achieved compliance: 03/21/2011
Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/08/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General

Date violation determined: 03/08/2011
Date achieved compliance: 03/21/2011
Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/08/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 03/08/2011
Date achieved compliance: 03/21/2011
Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/08/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

Proposed penalty amount: Not reported Final penalty amount: Not reported

Direction Distance Elevation

evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Permits - Special Forms

Date violation determined: 03/08/2011
Date achieved compliance: 03/21/2011
Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/08/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -200(2)(b)
Area of violation: Generators - General

Date violation determined: 04/27/2005
Date achieved compliance: 07/25/2005
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 06/08/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -201(2)(a)
Area of violation: Generators - General

Date violation determined: 04/27/2005
Date achieved compliance: 03/01/2006
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL Enforcement action date: 06/08/2005

Enf. disposition status:

Enf. disp. status date:

Enforcement lead agency:

Proposed penalty amount:

Final penalty amount:

Paid penalty amount:

Not reported

Not reported

Not reported

Not reported

Not reported

Regulation violated: SR - -201(2)

Area of violation: Generators - Records/Reporting

Date violation determined: 04/27/2005
Date achieved compliance: 05/10/2005
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 06/08/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation

ration Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Regulation violated: SR - -200(1)(c)
Area of violation: Generators - General

Date violation determined: 04/27/2005 Date achieved compliance: 06/10/2005 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date:

Enf. disposition status:

Enf. disp. status date:

Enforcement lead agency:

Proposed penalty amount:

Final penalty amount:

Paid penalty amount:

O6/08/2005

Not reported

Not reported

Not reported

Not reported

Not reported

Regulation violated: SR - -630(5)(a)
Area of violation: Generators - General

Date violation determined: 04/27/2005
Date achieved compliance: 06/10/2005
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date:

Enf. disposition status:

Enf. disp. status date:

Enforcement lead agency:

Proposed penalty amount:

Final penalty amount:

Paid penalty amount:

O6/08/2005

Not reported

Not reported

Not reported

Not reported

Not reported

Regulation violated: SR - -200(1)(e) / -330(2)
Area of violation: Generators - General

Date violation determined: 11/20/2000
Date achieved compliance: 12/18/2000
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/28/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -200(1)(d)
Area of violation: Generators - General

Date violation determined: 11/20/2000
Date achieved compliance: 11/28/2000
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date:

Enf. disposition status:

Enf. disp. status date:

Enforcement lead agency:

Proposed penalty amount:

Final penalty amount:

Paid penalty amount:

Not reported

Not reported

Not reported

Not reported

Not reported

Regulation violated: SR - -200(1)(b) / -630(5)(a)

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Area of violation: Generators - General

Date violation determined: 11/20/2000
Date achieved compliance: 11/20/2000
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/28/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -200(1)(c)
Area of violation: Generators - General

Date violation determined: 11/20/2000
Date achieved compliance: 11/20/2000

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/28/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -200(1)(b) / -630(3)
Area of violation: Generators - General

Date violation determined: 11/20/2000
Date achieved compliance: 11/28/2000
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/28/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/08/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 07/29/2015 Evaluation lead agency: State

Evaluation date: 07/08/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD IS-Container Use and Management

Date achieved compliance: 09/10/2015 Evaluation lead agency: State

Evaluation date: 07/08/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Date achieved compliance: 07/08/2015 Evaluation lead agency: State

Evaluation date: 07/08/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 09/10/2015 Evaluation lead agency: State

Evaluation date: 07/08/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Universal Waste - Small Quantity Handlers

Date achieved compliance: 07/08/2015 Evaluation lead agency: State

Evaluation date: 07/08/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 07/29/2015 Evaluation lead agency: State

Evaluation date: 11/15/2012

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 02/04/2013 Evaluation lead agency: State

Evaluation date: 11/15/2012

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 02/04/2013 Evaluation lead agency: State

Evaluation date: 09/14/2010

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Permits - Special Forms

Date achieved compliance: 03/21/2011

Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/14/2010

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Universal Waste - Small Quantity Handlers

Date achieved compliance: 03/21/2011

Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/14/2010

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 03/21/2011

Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/14/2010

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 03/21/2011

Evaluation lead agency: EPA Contractor/Grantee

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Evaluation date: 04/27/2005

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 07/25/2005 Evaluation lead agency: State

Evaluation date: 04/27/2005

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 06/10/2005 Evaluation lead agency: State

Evaluation date: 04/27/2005

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 03/01/2006 Evaluation lead agency: State

Evaluation date: 04/27/2005

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Records/Reporting

Date achieved compliance: 05/10/2005 Evaluation lead agency: State

Evaluation date: 11/20/2000

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 11/28/2000 Evaluation lead agency: State

Evaluation date: 11/20/2000

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 11/20/2000 Evaluation lead agency: State

Evaluation date: 11/20/2000

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 12/18/2000 Evaluation lead agency: State

Evaluation date: 12/05/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported
Not reported
State

CSCSL:

Facility ID: 43881153 Region: Northwest

Lat/Long: 47.64512 / -122.30435

Brownfield Status: Not reported Rank Status: N

Clean Up Siteid: 9202

Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Gasoline

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 43881153 Region: Northwest

Lat/Long: 47.64512 / -122.30435

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 9202

Site Status: Cleanup Started PSI?: Not reported Contaminant Name: Petroleum-Other

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

LUST:

Facility ID: 43881153 Lust Status Type: Cleanup Started

Cleanup Site ID: 9202 Cleanup Unit Type: Upland

Process Type: Independent Action

Cleanup Unit Name: NATIONAL MARINE FISHERIES NW FISH CTR

Lust Status Date: 10/03/2011 Response Section: Northwest

Lat/Long: 47.64512 / -122.30435

UST:

Facility ID: 43881153
Site Id: 101423
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.64512
Decimal Longitude: -122.30435

Tank Name: 1-300
Tag Number: Not reported
Tank Status: Closed in Place
Tank Status Date: 08/06/1996
Tank Install Date: 00/31/1964
Tank Closure Date: Not reported

Capacity Range: 111 TO 1,100 Gallons

Tank Permit Expiration Date:

Tank Upgrade Date:

Tank Spill Prevention:

Tank Overfill Prevention:

Tank Material:

Not reported

Not reported

Not reported

Not reported

Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

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 Pipe Second Release Detection: Not reported Pipe Corrosion Protection: Not reported Pipe Pumping System: Not reported Responsible Unit: NORTHWEST Dispencer/Pump SFC Type: Not reported

ALLSITES:

US DOC NOAA NW FISHERIES SCIENCE CENTER Facility Name:

Facility Id: 43881153

44760 Interaction: Interaction 1: Interaction 2: LUST **Ecology Program: TOXICS** Program Data: ISIS Facility Alt.: Not reported Program ID: 101423

Date Interaction: 1990-03-20 00:00:00 Date Interaction 3: **LUST Facility** 47.645114376999999 Latitude: -122.304335102 Longitude:

44759 Interaction: Interaction 1: Α Interaction 2: **HWG HAZWASTE Ecology Program:** Program Data: **TURBOWASTE**

Facility Alt.: US DOC NOAA NW Fisheries Science Center

Program ID: WA8143690016 Date Interaction: 1983-12-27 00:00:00 Date Interaction 3: Hazardous Waste Generator Latitude: 47.645114376999999 Longitude: -122.304335102

44761 Interaction: Interaction 1: UST Interaction 2: **Ecology Program: TOXICS** Program Data: UST Facility Alt.: Not reported Program ID: 101423

Date Interaction: 1991-11-27 00:00:00 Date Interaction 3: **Underground Storage Tank** 47.645114376999999 Latitude: Longitude: -122.304335102

Direction Distance Elevation

ation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Interaction: 44762 Interaction 1: Interaction 2: **HWP** Ecology Program: **HAZWASTE HWPPRT** Program Data: Facility Alt.: Not reported Program ID: WA8143690016 Date Interaction: 1993-01-01 00:00:00 Date Interaction 3: Hazardous Waste Planner 47.645114376999999 Latitude: -122.304335102 Longitude:

 Interaction:
 44763

 Interaction 1:
 A

 Interaction 2:
 TIER2

 Ecology Program:
 HAZWASTE

 Program Data:
 EPCRA

 Facility Alt.:
 Not reported

 Program ID:
 Not reported

 Date Interaction:
 2006-10-30 00:00:00

Date Interaction 3: Emergency/Haz Chem Rpt TI
Latitude: 47.645114376999999
Longitude: -122.304335102

PADS:

EPAID: WA8143690016

Facility name: NW FISHERIES SCIENCE CENTER Facility Address: 2725 MONTLAKE BLVD, EAST

SEATTLE, WA 98112-2097

Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No

Facility owner name: DEPARTMENT OF COMMERCE

Contact title: Not reported
Contact name: ULRICH, DAVID
Contact tel: (206)860-3316
Contact extension: Not reported

Mailing address: 2725 MONTLAKE BLVD, EAST

SEATTLE, WA 98112-2097

Mailing country: US

Cert. title: Not reported
Cert. name: Not reported
Cert. date: 07/24/1997
Date received: 09/10/1997

FINDS:

Registry ID: 110000827375

Environmental Interest/Information System

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000327746 Registry ID: 110000827375

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000827375

ASBESTOS:

Facility Type: Commercial

Parent ID:

Form ID: 100727##1338Ameri397724

 Notice Date:
 05/22/2015

 Start Date:
 06/01/2015

 Completion Date:
 06/30/2015

Initial:

Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported

 Monday:
 1

 Tuesday:
 1

 Wednesday:
 1

 Thursday:
 1

 Friday:
 1

Saturday: Not reported Contractor ID: 1338

Phone: 206-267-0746

Job Site CAS: John Asselin
Project Form Email: dees@aeconllc.com
Property Owner Name: Not reported
Property Owner Agent: John Rheaume

Property Owner Company: Northwest Fisheries Science Center

Property Owner Address: 2725 Montlake Blvd. E

Property Owner City: Seattle
Property Owner State: WA

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Property Owner Zip4: 98112
Property Owner Phone: 206-423-8247
Job Site Room: Not reported
Facility Age: Unknown
Facility Size: Unknown
Facility Remodel: 1

Facility Demo: Not reported Facility Repair: Not reported Facility Maint: Not reported

Removed: 1

Encapsulated: Not reported Not reported Quantity Sq Ft: Fireproofing: Not reported Popcorn Ceiling: Not reported CAB: Not reported Sheet Vinyl: Not reported Asbestos Paper: Not reported Boiler Insulation: Not reported **Duct Paper:** Not reported VAT: Not reported Roofing: Not reported Sq Ft Other: Not reported Sq Ft Other Text: Not reported

Quantity Lin Ft:40Mag Pipe Insulation:1Air Cell Pipe Insulation:1

Ducting Insulation: Not reported Cement Asbestos Pipe: Not reported Mudded Pipe Insulation: Not reported **Duct Tape:** Not reported Not reported Lin Ft Other1: Lin Ft Other1 Text: Not reported Lin Ft Other2: Not reported Lin Ft Other2 Text: Not reported

Indoors:

Outdoors: Not reported

Neg Pres Enclosure:

Glove Bag: Not reported Mini Enclosure: Not reported

Critical Barriers: 1

Wrap And Cut: Not reported

Wet Methods: 1
HEPA Vacuum: 1
MANUALMETHODS: 1

Other CM1: Not reported Other CM1 Text: Not reported Other CM2: Not reported Other CM2 Text: Not reported Half Mask APR: Not reported Full Face APR: Not reported PAPR: Not reported Type C Continuous: Not reported

Type C Pressure: 1

Other Resp Pro: Not reported
Other Resp Pro Text: Not reported
Comments: AEC Job#15262
Date Time Submitted: 2015-05-22 10:02:19

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Submitter IP Address: 67.139.105.230

Contractor:

Contractor ID: 1338 Contractor UBI: 602131386

Contractor Priority:

AMERIEC996MB Contractor Cris Num:

Contractor Name: American Environmental Construction LLC

Contractor Status: Active Contact Name: John Asselin Contact Phone: 2062670746 Contact Fax: 2062670753

Contractor Cert Prn Date: 2016-06-22 00:00:00

Contractor Original Date: 08/08/2001 Contractor Effective Date: 06/24/2015 Contractor Renewal Letter Date: 04/18/2016 Contractor Exp Date: 06/24/2017 Contractor Suspended Date: Not reported

Contractor Cnty Code:

PO BOX 81005 Contractor Street Address: Contractor City: **SEATTLE** Contractor State: WA Contractor Zip: 98108 Contractor Phone: 2062670746 Contractor Email: dees@aeconllc.com Contractor Web Address: www.aeconllc.com Contractor Mail Street Address: PO BOX 81005 **SEATTLE** Contractor Mail City:

Contractor Mail State: WA Contractor Mail Zip: 98108

On probation because of several violations with significant serious Contractor Memo:

asbestos violations within the last trhree years. See David Johnson

letter dated June 11, 2010.

Commercial Facility Type: Parent ID: 100727

Form ID: 101087##1338Ameri397149

05/22/2015 Notice Date: Start Date: 06/01/2015 06/30/2015 Completion Date: Initial: Not reported

Amended: On Hold:

Off Hold: Not reported Emergency: Not reported Site Hours Start: 8:00 AM Site Hours End: 3:00 PM Not reported Sunday:

Monday: Tuesday: 1 Wednesday: Thursday: Friday:

Saturday: Not reported Contractor ID: 1338

Phone: 206-267-0746 Job Site CAS: John Asselin

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Project Form Email: dees@aeconllc.com Property Owner Name: Not reported Property Owner Agent: John Rheaume

Property Owner Company: Northwest Fisheries Science Center

Property Owner Address: 2725 Montlake Blvd. E

Property Owner City: Seattle Property Owner State: WA Property Owner Zip4: 98112 Property Owner Phone: 206-423-8247 Job Site Room: Not reported Facility Age: Unknown Facility Size: Unknown Facility Remodel:

Facility Demo: Not reported Facility Repair: Not reported Facility Maint: Not reported

Removed:

Encapsulated: Not reported Quantity Sq Ft: Not reported Fireproofing: Not reported Popcorn Ceiling: Not reported CAB: Not reported Sheet Vinvl: Not reported Asbestos Paper: Not reported Boiler Insulation: Not reported Duct Paper: Not reported VAT: Not reported Roofing: Not reported Sq Ft Other: Not reported Sq Ft Other Text: Not reported

Quantity Lin Ft: 40 Mag Pipe Insulation: 1 Air Cell Pipe Insulation:

Ducting Insulation: Not reported Cement Asbestos Pipe: Not reported Not reported Mudded Pipe Insulation: Not reported **Duct Tape:** Lin Ft Other1: Not reported Lin Ft Other1 Text: Not reported Lin Ft Other2: Not reported Lin Ft Other2 Text: Not reported

Indoors:

Outdoors: Not reported

Neg Pres Enclosure:

Glove Bag: Not reported Mini Enclosure: Not reported

Critical Barriers:

Wrap And Cut: Not reported

Wet Methods: HEPA Vacuum: MANUALMETHODS

Other CM1: Not reported Other CM1 Text: Not reported Other CM2: Not reported Other CM2 Text: Not reported Half Mask APR: Not reported Full Face APR: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

PAPR: Not reported Type C Continuous: Not reported

Type C Pressure: 1

Other Resp Pro: Not reported
Other Resp Pro Text: Not reported

Comments: This project is on hold. AEC Job#15262

Date Time Submitted: 2015-06-01 10:08:11 Submitter IP Address: 67.139.105.230

Contractor:

Contractor ID: 1338 Contractor UBI: 602131386

Contractor Priority:

Contractor Cris Num: AMERIEC996MB

Contractor Name: American Environmental Construction LLC

Contractor Status: Active
Contact Name: John Asselin
Contact Phone: 2062670746
Contact Fax: 2062670753

Contractor Cert Prn Date: 2016-06-22 00:00:00

Contractor Original Date: 08/08/2001
Contractor Effective Date: 06/24/2015
Contractor Renewal Letter Date: 04/18/2016
Contractor Exp Date: 06/24/2017
Contractor Suspended Date: Not reported

Contractor Cnty Code: 17

PO BOX 81005 Contractor Street Address: **SEATTLE** Contractor City: Contractor State: WA Contractor Zip: 98108 Contractor Phone: 2062670746 Contractor Email: dees@aeconllc.com Contractor Web Address: www.aeconllc.com Contractor Mail Street Address: PO BOX 81005

Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108

Contractor Memo: On probation because of several violations with significant serious

asbestos violations within the last trhree years. See David Johnson

letter dated June 11, 2010.

Facility Type: Commercial Parent ID: 100727

Form ID: 101206##1338Ameri277571

 Notice Date:
 05/22/2015

 Start Date:
 06/01/2015

 Completion Date:
 06/30/2015

 Initial:
 Not reported

Amended: 1

On Hold: Not reported

Off Hold: 1

Emergency: Not reported Site Hours Start: 5:00pm Site Hours End: 1:00am Sunday: Not reported

Monday: 1 Tuesday: 1

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Wednesday: Thursday: 1 Friday: 1

Saturday: Not reported Contractor ID: 1338

206-267-0746 Phone: Job Site CAS: Jose Diaz

Project Form Email: dees@aeconllc.com Property Owner Name: Not reported Property Owner Agent: John Rheaume

Property Owner Company: Northwest Fisheries Science Center

Property Owner Address: 2725 Montlake Blvd. E

Property Owner City: Seattle Property Owner State: WA Property Owner Zip4: 98112 Property Owner Phone: 206-423-8247 Job Site Room: Not reported Facility Age: Unknown Facility Size: Unknown Facility Remodel:

Facility Demo: Not reported Facility Repair: Not reported Facility Maint: Not reported Removed: Encapsulated: Not reported Quantity Sq Ft: Not reported

Fireproofing: Not reported Popcorn Ceiling: Not reported CAB: Not reported Sheet Vinyl: Not reported Asbestos Paper: Not reported Boiler Insulation: Not reported Duct Paper: Not reported VAT: Not reported Roofing: Not reported Sq Ft Other: Not reported Sq Ft Other Text: Not reported

Quantity Lin Ft: 40 Mag Pipe Insulation: 1 Air Cell Pipe Insulation: 1

Ducting Insulation: Not reported Cement Asbestos Pipe: Not reported Mudded Pipe Insulation: Not reported Not reported **Duct Tape:** Lin Ft Other1: Not reported Lin Ft Other1 Text: Not reported Lin Ft Other2: Not reported Lin Ft Other2 Text: Not reported Indoors:

Outdoors: Not reported

Neg Pres Enclosure: Glove Bag: Not reported Mini Enclosure: Not reported

Critical Barriers:

Wrap And Cut: Not reported

Wet Methods: HEPA Vacuum:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

MANUALMETHODS

Not reported Other CM1: Other CM1 Text: Not reported Other CM2: Not reported Other CM2 Text: Not reported Not reported Half Mask APR: Full Face APR: Not reported PAPR: Not reported Type C Continuous: Not reported

Type C Pressure:

Other Resp Pro: Not reported Other Resp Pro Text: Not reported

This project is off hold, changed the start and end time and the CAS. Comments:

AEC Job#15262

Date Time Submitted: 2015-06-03 08:57:06 Submitter IP Address: 67.139.105.230

Contractor:

Contractor ID: 1338 Contractor UBI: 602131386

Contractor Priority:

AMERIEC996MB Contractor Cris Num:

Contractor Name: American Environmental Construction LLC

Contractor Status: Active Contact Name: John Asselin Contact Phone: 2062670746 Contact Fax: 2062670753

Contractor Cert Prn Date: 2016-06-22 00:00:00

Contractor Original Date: 08/08/2001 Contractor Effective Date: 06/24/2015 Contractor Renewal Letter Date: 04/18/2016 Contractor Exp Date: 06/24/2017 Not reported Contractor Suspended Date:

Contractor Cnty Code:

PO BOX 81005 Contractor Street Address: SEATTLE Contractor City: Contractor State: WA Contractor Zip: 98108 2062670746 Contractor Phone: Contractor Email: dees@aeconllc.com www.aeconllc.com Contractor Web Address: Contractor Mail Street Address: PO BOX 81005 Contractor Mail City: **SEATTLE**

Contractor Mail State: Contractor Mail Zip:

Contractor Memo: On probation because of several violations with significant serious

asbestos violations within the last trhree years. See David Johnson

letter dated June 11, 2010.

Facility Type: Commercial Parent ID: 100727

101276##1338Ameri481620 Form ID:

05/22/2015 Notice Date: 06/01/2015 Start Date: Completion Date: 06/03/2015 Initial: Not reported

Amended:

Direction Distance Elevation

Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

On Hold: Not reported Off Hold: Not reported Emergency: Not reported Site Hours Start: 5:00pm Site Hours End: 1:00am Sunday: Not reported

Monday: Tuesday: Wednesday: 1 Thursday: Friday:

Saturday: Not reported Contractor ID: 1338

Phone: 206-267-0746 Job Site CAS: Jose Diaz

Project Form Email: dees@aeconllc.com Property Owner Name: Not reported John Rheaume Property Owner Agent:

Property Owner Company: Northwest Fisheries Science Center

Not reported

Property Owner Address: 2725 Montlake Blvd. E

Property Owner City: Seattle Property Owner State: WA Property Owner Zip4: 98112 Property Owner Phone: 206-423-8247 Job Site Room: Not reported Facility Age: Unknown Facility Size: Unknown

Facility Remodel:

Facility Demo: Not reported Facility Repair: Not reported Not reported Facility Maint:

Removed: Encapsulated: Not reported Quantity Sq Ft: Not reported Not reported Fireproofing: Popcorn Ceiling: Not reported CAB: Not reported Sheet Vinyl: Not reported Asbestos Paper: Not reported Boiler Insulation: Not reported **Duct Paper:** Not reported VAT: Not reported Roofing: Not reported Not reported Sq Ft Other:

Quantity Lin Ft: 40 Mag Pipe Insulation: 1 Air Cell Pipe Insulation:

Sq Ft Other Text:

Ducting Insulation: Not reported Cement Asbestos Pipe: Not reported Not reported Mudded Pipe Insulation: **Duct Tape:** Not reported Lin Ft Other1: Not reported Lin Ft Other1 Text: Not reported Lin Ft Other2: Not reported Lin Ft Other2 Text: Not reported

Indoors:

Direction Distance Elevation

evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Outdoors: Not reported

Neg Pres Enclosure:

Glove Bag: Not reported Mini Enclosure: Not reported

Critical Barriers:

Wrap And Cut: Not reported

Wet Methods: 1
HEPA Vacuum: 1
MANUALMETHODS : 1

Other CM1: Not reported Other CM1 Text: Not reported Not reported Other CM2: Other CM2 Text: Not reported Half Mask APR: Not reported Full Face APR: Not reported PAPR: Not reported Type C Continuous: Not reported

Type C Pressure:

Other Resp Pro: Not reported Other Resp Pro Text: Not reported

Comments: This project is complete. AEC Job#15262

Date Time Submitted: 2015-06-04 09:04:53 Submitter IP Address: 67.139.105.230

Contractor:

Contractor ID: 1338 Contractor UBI: 602131386

Contractor Priority:

Contractor Cris Num: AMERIEC996MB

Contractor Name: American Environmental Construction LLC

Contractor Status: Active
Contact Name: John Asselin
Contact Phone: 2062670746
Contact Fax: 2062670753

Contractor Cert Prn Date: 2016-06-22 00:00:00

Contractor Original Date:08/08/2001Contractor Effective Date:06/24/2015Contractor Renewal Letter Date:04/18/2016Contractor Exp Date:06/24/2017Contractor Suspended Date:Not reported

Contractor Cnty Code: 17

Contractor Mail Zip:

PO BOX 81005 Contractor Street Address: Contractor City: **SEATTLE** Contractor State: WA Contractor Zip: 98108 Contractor Phone: 2062670746 Contractor Email: dees@aeconllc.com Contractor Web Address: www.aeconllc.com PO BOX 81005 Contractor Mail Street Address: SEATTLE Contractor Mail City: Contractor Mail State: WA

Contractor Memo: On probation because of several violations with significant serious

98108

asbestos violations within the last trhree years. See David Johnson

letter dated June 11, 2010.

Direction Distance Elevation

vation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

WA MANIFEST:

 Facility Site ID Number:
 43881153

 EPA ID:
 WA8143690016

 NAICS:
 924110

 SWC Desc:
 WT02,WSC2

FWC Desc: D001,D002,D003,D007,D009,F002,D011

Form Comm:

Data Year:

Permit by Rule:

Treatment by Generator:

Mixed radioactive waste:

Importer of hazardous waste:

Immediate recycler:

False

False

False

False

False

False

False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False False Universal waste - batteries - accumulate: Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 601544288
Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: UNITED STATES

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal
Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES
Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E Operator city,st,zip: SEATTLE, WA 98112-2013

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Operator country: **UNITED STATES** Operator phone nbr: (206)860-3316 Operator effective date: Not reported Site contact name: Jon Buzitis

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: **UNITED STATES** Site Contact Phone #: (206)302-2438 Site Contact EMail: jon.buzitis@noaa.gov

Form Contact NAME: Jon Buzitis

2725 MONTLAKE BLVD E Form Contact ADDR LINE1: SEATTLE, WA 98112-2013 Form Contact City, ST, Zip:

Form Contact Country: **UNITED STATES** Form Contact Phone #: (206)302-2438 Form Contact EMail: jon.buzitis@noaa.gov

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153 Data Year: 2008 Description: PCB Ballasts Mix: False Reported Qty: 78 LB

35.380800608549769 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

22.680000390096009 Kilo Qty:

Density No: n

Density Qty: Not reported

Facility ID: 43881153 2008 Data Year: Description: Aerosols Mix: False Reported Qty: 5 LB

2.2680000390096007 Kilo Qty:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

11.340000195048004 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008 Description: Waste Fixative False

Reported Qty: 51 GAL

Kilo Qty: 193.05924129501898

Density No: Density Qty: SPG

Direction Distance Elevation

evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Facility ID:

Data Year:

43881153 2008

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

Density Qty: SPG

Facility ID: 43881153
Data Year: 2008

Description: Chlorinated Solvent

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899 Density No: 1.3300000000000001

Density Qty: SPG

 Facility ID:
 43881153

 Data Year:
 2009

 Description:
 Waste Acid

 Mix:
 False

 Reported Qty:
 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.080000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

Kilo Qty: 181.44000312076807

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

Mix: False Reported Qty: 2 LB

Kilo Qty: 0.90720001560384034

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qty: 263.08800452511372

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009

Description: Specimens in ethanol - non-infectious

EDR ID Number

1000327746

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Mix: False Reported Qty: 1100 LB

Kilo Qty: 498.96000858211215

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009
Description: Aerosols
Mix: False
Reported Qty: 10 LB

Kilo Qty: 4.5360000780192014

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

Kilo Qty: 249.48000429105608

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

Kilo Qty: 131.54400226255686

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No: 0

Density Qty: Not reported

Shipments Sent:

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 78 LB

Kilo Qty: 35.3808006085498

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 50 LB

Kilo Qty: 22.680000390096

Facility ID: 43881153 Data Year: 2008

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Shipment sent data: 7/15/2008 Reported Qty: 25 LB

Kilo Qty: 11.340000195048

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

1000327746

EDR ID Number

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year =

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Data Year: 2008 Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

False

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

Facility Site ID Number: 43881153 EPA ID: WA8143690016 NAICS: 924110 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2012 Permit by Rule: False Treatment by Generator: True Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility:

Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 601544288
Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: UNITED STATES

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal
Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES
Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: UNITED STATES
Operator phone nbr: (206)860-3316
Operator effective date: Not reported
Site contact name: Jon Buzitis

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)302-2438
Site Contact EMail: jon.buzitis@noaa.gov
Form Contact NAME: Jon Buzitis

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City,ST,Zip: SEATTLE, WA 98112-2013

Form Contact Country: UNITED STATES
Form Contact Phone #: (206)302-2438
Form Contact EMail: jon.buzitis@noaa.gov

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153
Data Year: 2008
Description: PCB Ballasts
Mix: False

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Aerosols
Mix: False
Reported Qty: 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Lab Pack - Metals

Mix: False

Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No: 0

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Waste Fixative
Mix: False
Reported Qty: 51 GAL

Reported Qty: 51 GAL Kilo Qty: 193.05924129501898

Density No: 1
Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Chlorinated Solvent

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899 Density No: 1.330000000000001

Density Qty: SPG

Facility ID: 43881153
Data Year: 2009
Description: Waste Acid
Mix: False
Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.0800000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

Kilo Qty: 181.44000312076807

Density No: 0

Density Qty: Not reported

Facility ID: 43881153

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

2009 Data Year:

Lab Pack - Misc Codes 3 Description:

Mix: False Reported Qty: 2 LB

0.90720001560384034 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

False Mix: Reported Qty: 580 LB

263.08800452511372 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False 1100 LB Reported Qty:

498.96000858211215 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009 Description: Aerosols Mix: False Reported Qty: 10 LB

Kilo Qty: 4.5360000780192014

Density No:

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009

Lab Pack - Misc Codes 1 Description:

Mix: False Reported Qty: 550 LB

249.48000429105608 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Metals

Mix: False 290 LB Reported Qty:

131.54400226255686 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False

Direction Distance Elevation

ion Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

EDR ID Number

1000327746

Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No: 0

Density Qty: Not reported

Shipments Sent:

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 78 LB

Kilo Qty: 35.3808006085498

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 50 LB

Kilo Qty: 22.680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 25 LB

Kilo Qty: 11.340000195048

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

Direction Distance Elevation

ion Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

EDR ID Number

1000327746

Reported Qty: 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

Map ID MAP FINDINGS
Direction

Direction Distance Elevation

n Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste.

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153 Data Year: 2008

Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

Facility Site ID Number: 43881153 EPA ID: WA8143690016

NAICS: 924110 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: Not reported Permit by Rule: **FALSE** Treatment by Generator: **FALSE** Mixed radioactive waste: **FALSE** Importer of hazardous waste: **FALSE** Immediate recycler: **FALSE**

Treatment/Storage/Disposal/Recycling Facility: FALSE Generator of dangerous fuel waste: FALSE

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Generator marketing to burner: **FALSE** Other marketers (i.e., blender, distributor, etc.): **FALSE** Utility boiler burner: **FALSE** Industry boiler burner: **FALSE** Industrial Furnace: **FALSE** Smelter defferal: **FALSE** Universal waste - batteries - generate: **FALSE** Universal waste - thermostats - generate: **FALSE** Universal waste - mercury - generate: **FALSE** Universal waste - lamps - generate: **FALSE** Universal waste - batteries - accumulate: **FALSE** Universal waste - thermostats - accumulate: **FALSE** Universal waste - mercury - accumulate: **FALSE** Universal waste - lamps - accumulate: **FALSE** Destination Facility for Universal Waste: **FALSE** Off-specification used oil burner - utility boiler: **FALSE** Off-specification used oil burner - industrial boiler: **FALSE** Off-specification used oil burner - industrial furnace: FALSE

Tax Reg #: 601544288 Business Type: Not reported

USDOC NOAA NW Fisheries Science Ctr Mail Name:

Mail addr line1: 2725 MONTLAKE BLVD E SEATTLE. WA 98112-2013 Mail citv.st.zip:

Mail country: **UNITED STATES**

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: **UNITED STATES** Legal phone nbr: (206)860-3200 Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E SEATTLE, WA 98112-2013 Land city,st,zip:

Land country: **UNITED STATES** Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: **UNITED STATES** Operator phone nbr: (206)860-3316 Operator effective date: 04/15/2003 Site contact name: Ann A Byar

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: **UNITED STATES** Site Contact Phone #: (206)860-3316 Site Contact EMail: ann.byar@noaa.gov

Form Contact NAME: Ann A Byar

2725 MONTLAKE BLVD E Form Contact ADDR LINE1: Form Contact City, ST, Zip: SEATTLE, WA 98112-2013

Form Contact Country: **UNITED STATES** Form Contact Phone #: (206)860-3316 Form Contact EMail: ann.byar@noaa.gov

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Gen Status CD: MQG Monthly Generation: **FALSE** Batch Generation: **FALSE** One Time Generation: **FALSE** Transport Own Waste: **FALSE** Tranports Other Waste: **FALSE** Recycler Onsite: **FALSE** Transfer Facility: **FALSE** Other Exemption: Not reported UW Battery Gen: **FALSE** Used Oil Transporter: **FALSE** Used Oil Transfer Facility: **FALSE** Used Oil Processor: **FALSE** Used Oil Refiner: **FALSE**

Used Oil Fuel Marketer Directs Shipments: FALSE
Used Oil Fuel Marketer Meets Specs: FALSE

Waste Streams Generated:

Facility ID: 43881153
Data Year: 2008
Description: PCB Ballasts
Mix: False
Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Aerosols
Mix: False
Reported Qty: 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Misc Codes 1

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Waste Fixative
Mix: False

Reported Qty: 51 GAL

Kilo Qty: 193.05924129501898

Density No: 1 Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

Kilo Qty: 281.6393637715571 Density No: 0.80000000000000004

Density Qty: SPG

Facility ID: 43881153
Data Year: 2008

Description: Chlorinated Solvent

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Density No: 1.3300000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009 Description: Waste Acid Mix: False Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.080000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

181.44000312076807 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

False Mix: Reported Qty: 2 LB

Kilo Qty: 0.90720001560384034

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qty: 263.08800452511372

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False Reported Qty: 1100 LB

Kilo Qty: 498.96000858211215

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009 Description: Aerosols False Reported Qty: 10 LB

Kilo Qty: 4.5360000780192014

Density No:

Density Qty: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

Kilo Qty: 249.48000429105608

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

Kilo Qty: 131.54400226255686

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False

Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No:

Density Qty: Not reported

Shipments Sent:

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 78 LB

Kilo Qty: 35.3808006085498

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 50 LB

Kilo Qty: 22.680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 25 LB

Kilo Qty: 11.340000195048

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

1000327746

EDR ID Number

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

Facility ID: 43881153
Data Year: 2008
Shipment sent data: 4/4/2008
Reported Qty: 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

Direction Distance Elevation

n Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Reported Qty: 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at

Direction Distance Elevation

e EDR ID Number on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

40.5 gai 12/51/2004 Amount in Storage at end of year = 9 gai

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153
Data Year: 2008
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

 Facility Site ID Number:
 43881153

 EPA ID:
 WA8143690016

 NAICS:
 924110

 SWC Desc:
 WT02

FWC Desc: D001,D002,D003,D009,F002,D011,F003

Form Comm: H121 neutralization of D002 to pH7 and drain disposal

Data Year: 2014
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False False Utility boiler burner: Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 601544288
Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: UNITED STATES

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E
Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: UNITED STATES
Operator phone nbr: (206)860-3316
Operator effective date: Not reported
Site contact name: Jon Buzitis

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)302-2438
Site Contact EMail: jon.buzitis@noaa.gov

Form Contact NAME: Jon Buzitis

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City,ST,Zip: SEATTLE, WA 98112-2013

Form Contact Country: UNITED STATES
Form Contact Phone #: (206)302-2438
Form Contact EMail: jon.buzitis@noaa.gov

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153
Data Year: 2008
Description: PCB Ballasts
Mix: False
Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

Facility ID: 43881153

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Data Year: 2008
Description: Aerosols
Mix: False
Reported Qty: 5 LB

Kilo Qty: 2.2680000390096007

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: West Final

Description: Waste Fixative

Mix: False

Direction Distance

Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

Reported Qty: 51 GAL

193.05924129501898 Kilo Qty:

Density No: 1 Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

Kilo Qty: 281.6393637715571 Density No: 0.80000000000000004

Density Qty: SPG

43881153 Facility ID: Data Year: 2008

Description: **Chlorinated Solvent**

Mix: False Reported Qty: 103 GAL

518.57226401969899 Kilo Qty: 1.3300000000000001 Density No:

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009 Description: Waste Acid Mix: False Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.0800000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

181.44000312076807 Kilo Qty:

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

Mix: False

Reported Qty: 2 LB

0.90720001560384034 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qtv: 263.08800452511372

Density No:

EDR ID Number

1000327746

Direction Distance

Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False 1100 LB Reported Qty:

Kilo Qty: 498.96000858211215

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009 Description: Aerosols False Reported Qty: 10 LB

4.5360000780192014 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

249.48000429105608 Kilo Qty:

Density No:

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

131.54400226255686 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No: 0

Density Qty: Not reported

Shipments Sent:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 78 LB

Kilo Qty: 35.3808006085498

Facility ID: 43881153 Data Year: 2008 7/15/2008 Shipment sent data:

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

50 LB Reported Qty:

Kilo Qty: 22.680000390096

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 25 LB

Kilo Qty: 11.340000195048

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 300 LB

136.080002340576 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 3 LB

1.36080002340576 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 18 LB

Kilo Qty: 8.16480014043456

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 117 LB

Kilo Qty: 53.0712009128247

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 3 LB

1.36080002340576 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 376 LB

Kilo Qty: 170.553602933522

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 5 LB

2.2680000390096 Kilo Qty:

Facility ID: 43881153 2008 Data Year: Shipment sent data: 4/4/2008 Reported Qty: 51 GAL

Kilo Qty: 193.059241295019 1000327746

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Direction Distance Elevation

Site EDR ID Number

Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Direction Distance Elevation

n Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153
Data Year: 2008
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

Facility Site ID Number: 43881153
EPA ID: WA8143690016
NAICS: 924110
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported

Permit by Rule:
No
Treatment by Generator:
No
Mixed radioactive waste:
No
Importer of hazardous waste:
No
Immediate recycler:
No

Treatment/Storage/Disposal/Recycling Facility: Nο Generator of dangerous fuel waste: No Generator marketing to burner: No Other marketers (i.e., blender, distributor, etc.): No Utility boiler burner: No Industry boiler burner: No Industrial Furnace: No Smelter defferal: No Universal waste - batteries - generate: No Universal waste - thermostats - generate: No Universal waste - mercury - generate: No Universal waste - lamps - generate: No Universal waste - batteries - accumulate: No Universal waste - thermostats - accumulate: No Universal waste - mercury - accumulate: No Universal waste - lamps - accumulate: No Destination Facility for Universal Waste: No

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Off-specification used oil burner - utility boiler: No Off-specification used oil burner - industrial boiler: No Off-specification used oil burner - industrial furnace: No Tay Page #1:

Tax Reg #: 601544288
Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E
Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: UNITED STATES

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal
Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES
Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: UNITED STATES
Operator phone nbr: (206)860-3316
Operator effective date: 04/15/2003
Site contact name: Ann A Byar

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)860-3316
Site Contact EMail: ann.byar@noaa.gov

Form Contact NAME: Ann A Byar

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City,ST,Zip: SEATTLE, WA 98112-2013

Form Contact Country: UNITED STATES
Form Contact Phone #: (206)860-3316
Form Contact EMail: ann.byar@noaa.gov

Gen Status CD: MQG Monthly Generation: Nο Batch Generation: No One Time Generation: No Transport Own Waste: No Tranports Other Waste: No Recycler Onsite: No Transfer Facility: No

Other Exemption: Not reported

UW Battery Gen:
Used Oil Transporter:
No
Used Oil Transfer Facility:
No
Used Oil Processor:
No
Used Oil Refiner:
No

Used Oil Fuel Marketer Directs Shipments: No

Direction
Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Used Oil Fuel Marketer Meets Specs: No

Waste Streams Generated:

Facility ID: 43881153
Data Year: 2008
Description: PCB Ballasts
Mix: False
Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

 Facility ID:
 43881153

 Data Year:
 2008

 Description:
 Aerosols

 Mix:
 False

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False

Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No: 0

Density Qty: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Lab Pack - Flam/Corr Description:

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No:

Density Qty: Not reported

Facility ID: 43881153 2008 Data Year:

Description: Waste Fixative Mix: False Reported Qty: 51 GAL

Kilo Qty: 193.05924129501898

Density No:

Density Qty: **SPG**

Facility ID: 43881153 Data Year: 2008

Description: Non Chlorinated Solvent

False Mix: Reported Qty: 93 GAL

Kilo Qty: 281.6393637715571 Density No: 0.80000000000000004

Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: **Chlorinated Solvent**

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899 Density No: 1.3300000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009 Description: Waste Acid Mix: False Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.0800000000000001

Density Qty: SPG

43881153 Facility ID: Data Year: 2009

Description: scintillation fluid in vials

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Mix: True Reported Qty: 400 LB

Kilo Qty: 181.44000312076807

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

Mix: False Reported Qty: 2 LB

Kilo Qty: 0.90720001560384034

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qty: 263.08800452511372

Density No: 0

Not reported Density Qty:

Facility ID: 43881153 Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False Reported Qty: 1100 LB

498.96000858211215 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009 Description: Aerosols Mix: False Reported Qty: 10 LB

4.5360000780192014 Kilo Qty:

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 2009 Data Year:

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

249.48000429105608 Kilo Qty:

Density No:

Data Year:

Density Qty: Not reported

Facility ID: 43881153 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

Kilo Qty: 131.54400226255686

Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No: 0

Density Qty: Not reported

Shipments Sent:

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 78 LB

Kilo Qty: 35.3808006085498

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 50 LB

Kilo Qty: 22.680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 25 LB

Kilo Qty: 11.340000195048

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

Facility ID: 43881153
Data Year: 2008

EDR ID Number

1000327746

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Shipment sent data: 7/15/2008 Reported Qty: 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

1000327746

EDR ID Number

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Direction Distance Elevation

ce EDR ID Number ion Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste.

They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153
Data Year: 2008
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

 Facility Site ID Number:
 43881153

 EPA ID:
 WA8143690016

 NAICS:
 924110

 SWC Desc:
 Not reported

 FWC Desc:
 Not reported

Form Comm: Generator of Mixed Radioactive Waste Notes: US Nuclear Regulatory

Commission License number 46-06377-04. State of Washington Department of Ecology Site Use Permit for Commercial Low-Level Radioactive Waste Disposal Site Permit Number G1006. Radiation Safety Officer Ann Byar,

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

206-860-3216.

Data Year: 2009
Permit by Rule: False
Treatment by Generator: True
Mixed radioactive waste: True
Importer of hazardous waste: False
Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False Tax Reg #: 601544288

Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: UNITED STATES

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES
Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E
Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: UNITED STATES
Operator phone nbr: (206)860-3316
Operator effective date: Not reported
Site contact name: Thea Junt

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013 **EDR ID Number**

1000327746

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)302-2438
Site Contact EMail: thea.junt@noaa.gov

Form Contact NAME: Thea Junt

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City,ST,Zip: SEATTLE, WA 98112-2013

Form Contact Country: UNITED STATES
Form Contact Phone #: (206)302-2438
Form Contact EMail: thea.Junt@noaa.gov

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153
Data Year: 2008
Description: PCB Ballasts
Mix: False
Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Aerosols
Mix: False
Reported Qty: 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Wastes

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

137.44080236398182 Kilo Qty:

Density No: 0

Not reported Density Qty:

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

9.5256001638403234 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

53.071200912824658 Kilo Qty:

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 2008 Data Year:

Description: Waste Fixative Mix: False Reported Qty: 51 GAL

193.05924129501898 Kilo Qty:

Density No: 1

Density Qty: **SPG**

Facility ID: 43881153 2008 Data Year:

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

Kilo Qty: 281.6393637715571

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

0.80000000000000004 Density No:

Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: **Chlorinated Solvent**

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899 Density No: 1.3300000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009 Description: Waste Acid Mix: False Reported Qty: 7 GAL

28.618193415496929 Kilo Qty: Density No: 1.0800000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True 400 LB Reported Qty:

Kilo Qty: 181.44000312076807

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

Mix: False Reported Qty: 2 LB

Kilo Qty: 0.90720001560384034

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qty: 263.08800452511372

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Specimens in ethanol - non-infectious

False Reported Qty: 1100 LB

Kilo Qty: 498.96000858211215

Density No:

Density Qty: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Facility ID: 43881153 Data Year: 2009 Description: Aerosols Mix: False Reported Qty: 10 LB

4.5360000780192014 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 1

False Mix: Reported Qty: 550 LB

249.48000429105608 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 2009 Data Year:

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

131.54400226255686 Kilo Qty:

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

False Mix: Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No:

Density Qty: Not reported

Shipments Sent:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 78 LB

Kilo Qty: 35.3808006085498

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 50 LB

Kilo Qty: 22.680000390096

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 25 LB

Kilo Qty: 11.340000195048

Facility ID: 43881153 Data Year: 2008

Direction Distance Elevation

n Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Shipment sent data: 7/15/2008 Reported Qty: 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

1000327746

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Direction Distance Elevation

ce EDR ID Number ion Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153
Data Year: 2008
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

> halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

Facility Site ID Number: 43881153 EPA ID: WA8143690016 NAICS: 924110 SWC Desc: Not reported

FWC Desc: Not reported Form Comm: Not reported Data Year: 2011 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: Off-specification used oil burner - industrial furnace: False Tax Reg #: 601544288

Business Type: Not reported

USDOC NOAA NW Fisheries Science Ctr Mail Name:

Mail addr line1: 2725 MONTLAKE BLVD E SEATTLE, WA 98112-2013 Mail city,st,zip:

UNITED STATES Mail country:

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES
Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: UNITED STATES
Operator phone nbr: (206)860-3316
Operator effective date: Not reported
Site contact name: Jon Buzitis

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)302-2438
Site Contact EMail: jon.buzitis@noaa.gov

Form Contact NAME: Jon Buzitis

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City,ST,Zip: SEATTLE, WA 98112-2013

Form Contact Country: UNITED STATES
Form Contact Phone #: (206)302-2438
Form Contact EMail: jon.buzitis@noaa.gov
Gen Status CD: MQG

Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153
Data Year: 2008
Description: PCB Ballasts
Mix: False
Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

 Facility ID:
 43881153

 Data Year:
 2008

 Description:
 Aerosols

 Mix:
 False

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Flam/Corr

Direction Distance Elevation

ation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Waste Fixative
Mix: False

Reported Qty: 51 GAL

Kilo Qty: 193.05924129501898

Density No: 1
Density Qty: SPG

Facility ID: 43881153
Data Year: 2008

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

 Kilo Qty:
 281.6393637715571

 Density No:
 0.80000000000000004

Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Chlorinated Solvent

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899 Density No: 1.330000000000001

Density Qty: SPG

Facility ID: 43881153
Data Year: 2009
Description: Waste Acid
Mix: False
Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.080000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

Kilo Qty: 181.44000312076807

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

Mix: False Reported Qty: 2 LB

Kilo Qty: 0.90720001560384034

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qty: 263.08800452511372

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False Reported Qty: 1100 LB

Kilo Qty: 498.96000858211215

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009
Description: Aerosols
Mix: False
Reported Qty: 10 LB

Kilo Qty: 4.5360000780192014

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

Kilo Qty: 249.48000429105608

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

Kilo Qty: 131.54400226255686

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No: 0

Density Qty: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Shipments Sent:

Facility ID: 43881153
Data Year: 2008
Shipment sent data: 7/15/2008
Reported Qty: 78 LB

Kilo Qty: 35.3808006085498

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 50 LB

Kilo Qty: 22.680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 25 LB

Kilo Qty: 11.340000195048

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 376 LB

Kilo Qty: 170.553602933522

Facility ID: 43881153
Data Year: 2008

Direction Distance Elevation

tion Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Shipment sent data:

Reported Qty:

7/15/2008 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

1000327746

EDR ID Number

Direction Distance Elevation

vation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 4388115 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153

Direction Distance Elevation

vation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Data Year: 2007

Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153
Data Year: 2008
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

 Facility Site ID Number:
 43881153

 EPA ID:
 WA8143690016

NAICS: 924110 SWC Desc: WT02

FWC Desc: D001, D002, D003, D006, D007, D008, D009, D022, F002, F003, F005, U188

Form Comm: H121 neutralization of D002 to pH7 and drain disposal

Data Year: 2013
Permit by Rule: False
Treatment by Generator: True
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

601544288 Tax Reg #: Business Type: Not reported

USDOC NOAA NW Fisheries Science Ctr Mail Name:

Mail addr line1: 2725 MONTLAKE BLVD E SEATTLE. WA 98112-2013 Mail city, st, zip:

Mail country: **UNITED STATES**

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: **UNITED STATES** Legal phone nbr: (206)860-3200 Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

UNITED STATES Land country: Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

2725 MONTLAKE BLVD E Operator addr line1: SEATTLE, WA 98112-2013 Operator city,st,zip:

UNITED STATES Operator country: Operator phone nbr: (206)860-3316 Operator effective date: Not reported Site contact name: Jon Buzitis

Site contact addr line1: 2725 MONTLAKE BLVD E SEATTLE, WA 98112-2013 Site Contact City/State/ Zip:

Site Contact Country: **UNITED STATES** Site Contact Phone #: (206)302-2438 Site Contact EMail: jon.buzitis@noaa.gov

Form Contact NAME: Jon Buzitis

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City, ST, Zip: SEATTLE, WA 98112-2013

Form Contact Country: **UNITED STATES** Form Contact Phone #: (206)302-2438 Form Contact EMail: jon.buzitis@noaa.gov

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153
Data Year: 2008
Description: PCB Ballasts
Mix: False
Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

 Facility ID:
 43881153

 Data Year:
 2008

 Description:
 Aerosols

 Mix:
 False

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096007

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No: 0

Density Qty: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Waste Fixative

Mix: False Reported Qty: 51 GAL

Kilo Qty: 193.05924129501898

Density No: 1
Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Chlorinated Solvent

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899 Density No: 1.330000000000001

Density Qty: SPG

Facility ID: 43881153
Data Year: 2009
Description: Waste Acid

1000327746

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Mix: False Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.080000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

Kilo Qty: 181.44000312076807

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

Mix: False Reported Qty: 2 LB

Kilo Qty: 0.90720001560384034

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qty: 263.08800452511372

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False Reported Qty: 1100 LB

Kilo Qty: 498.96000858211215

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009
Description: Aerosols
Mix: False
Reported Qty: 10 LB

Kilo Qty: 4.5360000780192014

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

Kilo Qty: 249.48000429105608

Direction Distance Elevation

vation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

Kilo Qty: 131.54400226255686

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No: 0

Density Qty: Not reported

Shipments Sent:

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 78 LB

Kilo Qty: 35.3808006085498

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 50 LB

Kilo Qty: 22.680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 25 LB

Kilo Qty: 11.340000195048

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

1000327746

EDR ID Number

Direction Distance Elevation

n Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

Direction Distance Elevation

nce EDR ID Number ation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Reported Qty: 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divide up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153
Data Year: 2008
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility Site ID Number:
 43881153

 EPA ID:
 WA8143690016

NAICS: 924110

SWC Desc: WT02,WSC2,WP03

FWC Desc: D001,D002,D007,D009,D022,F002,P105,U007,U018,U094,U219

Form Comm:

Data Year:

Permit by Rule:

Treatment by Generator:

Mixed radioactive waste:

Importer of hazardous waste:

False

Immediate recycler:

False

False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 601544288
Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: UNITED STATES

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal
Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E
Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E
Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: UNITED STATES

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Operator phone nbr: (206)860-3316 Operator effective date: Not reported Site contact name: Jon Buzitis

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: **UNITED STATES** Site Contact Phone #: (206)302-2438 Site Contact EMail: jon.buzitis@noaa.gov

Form Contact NAME: Jon Buzitis

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City,ST,Zip: SEATTLE, WA 98112-2013

Form Contact Country: **UNITED STATES** Form Contact Phone #: (206)302-2438 Form Contact EMail: jon.buzitis@noaa.gov

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153 Data Year: 2008 Description: **PCB Ballasts** Mix: False Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

22.680000390096009 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008 Description: Aerosols False Mix: Reported Qty: 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Density Qty: Not reported

43881153 Facility ID: Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Misc Codes 1

False Reported Qty: 25 LB

11.340000195048004 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No: 0

Density Qty: Not reported

43881153 Facility ID: Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

9.5256001638403234 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008 Description: Waste Fixative Mix: False

Reported Qty: 51 GAL

193.05924129501898 Kilo Qty:

Density No: SPG Density Qty:

Facility ID: 43881153

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

2008 Data Year:

Non Chlorinated Solvent Description:

Mix: False Reported Qty: 93 GAL

281.6393637715571 Kilo Qty: Density No: 0.80000000000000004

Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: **Chlorinated Solvent**

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899 Density No: 1.3300000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009 Description: Waste Acid Mix: False Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.080000000000001

Density Qty: SPG

43881153 Facility ID: Data Year: 2009

scintillation fluid in vials Description:

Mix: True Reported Qty: 400 LB

Kilo Qty: 181.44000312076807

Density No:

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009

Lab Pack - Misc Codes 3 Description:

Mix: False Reported Qty: 2 LB

0.90720001560384034 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False 580 LB Reported Qty:

263.08800452511372 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Specimens in ethanol - non-infectious Description:

Mix: False

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1100 LB

498.96000858211215 Kilo Qty:

Density No: 0

Reported Qty:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009 Description: Aerosols Mix: False Reported Qty: 10 LB

4.5360000780192014 Kilo Qty:

Density No:

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

249.48000429105608 Kilo Qty:

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

Kilo Qty: 131.54400226255686

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

False Mix: Reported Qty: 505 LB

229.06800393996969 Kilo Qty:

Density No: 0

Density Qty: Not reported

Shipments Sent:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 78 LB

35.3808006085498 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 50 LB

Kilo Qty: 22.680000390096

Facility ID: 43881153 Data Year: 2008 7/15/2008 Shipment sent data:

1000327746

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

25 LB Reported Qty:

Kilo Qty: 11.340000195048

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 300 LB

Kilo Qty: 136.080002340576

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 3 LB

1.36080002340576 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 18 LB

8.16480014043456 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 117 LB

Kilo Qty: 53.0712009128247

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 3 LB

Kilo Qty: 1.36080002340576

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 376 LB

170.553602933522 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 5 LB

Kilo Qty: 2.2680000390096

Facility ID: 43881153 Data Year: 2008 4/4/2008 Shipment sent data: Reported Qty: 51 GAL

193.059241295019 Kilo Qty:

Facility ID: 43881153 2008 Data Year: 5/16/2008 Shipment sent data: Reported Qty: 46 GAL

Kilo Qty: 139.305491757974 1000327746

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Direction Distance Elevation

EDR ID Number tion Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year =

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Data Year: 2008 Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

False

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

Facility Site ID Number: 43881153 EPA ID: WA8143690016 NAICS: 924110 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2008 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility:

Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 601544288
Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: **UNITED STATES**

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E SEATTLE, WA 98112-2013 Legal city,st,zip:

UNITED STATES Legal country: Legal phone nbr: (206)860-3200 Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: **UNITED STATES** (206)860-3200 Land phone nbr:

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E SEATTLE, WA 98112-2013 Operator city,st,zip:

Operator country: **UNITED STATES** Operator phone nbr: (206)860-3316 Operator effective date: 04/15/2003 Site contact name: Thea Smith

2725 MONTLAKE BLVD E Site contact addr line1: SEATTLE, WA 98112-2013 Site Contact City/State/ Zip:

Site Contact Country: **UNITED STATES** Site Contact Phone #: (206)302-2438 Site Contact EMail: thea.smith@noaa.gov

Form Contact NAME: Thea Smith

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City, ST, Zip: SEATTLE, WA 98112-2013

Form Contact Country: **UNITED STATES** Form Contact Phone #: (206)302-2438 Form Contact EMail: thea.smith@noaa.gov

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153 Data Year: 2008 Description: PCB Ballasts Mix: False

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Density No:

Reported Qty: 78 LB

0

Kilo Qty: 35.380800608549769

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Aerosols
Mix: False
Reported Qty: 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Lab Pack - Metals

Mix: False

Reported Qty: False 21 LB

Kilo Qty: 9.5256001638403234

Density No: 0

EDR ID Number

1000327746

Direction Distance Elevation

Database(s) EPA ID Number

Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Waste Fixative
Mix: False
Reported Qty: 51 GAL

Kilo Qty: 193.05924129501898

Density No: 1
Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Chlorinated Solvent

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899 Density No: 1.330000000000001

Density Qty: SPG

Facility ID: 43881153
Data Year: 2009
Description: Waste Acid
Mix: False
Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.0800000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

Kilo Qty: 181.44000312076807

Density No: 0

Density Qty: Not reported

Facility ID: 43881153

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

2009 Data Year:

Lab Pack - Misc Codes 3 Description:

Mix: False Reported Qty: 2 LB

0.90720001560384034 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

False Mix: Reported Qty: 580 LB

263.08800452511372 Kilo Qty:

Density No:

Not reported Density Qty:

Facility ID: 43881153 Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False Reported Qty: 1100 LB

498.96000858211215 Kilo Qty:

Density No:

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009 Description: Aerosols Mix: False Reported Qty: 10 LB

Kilo Qty: 4.5360000780192014

Density No:

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009

Lab Pack - Misc Codes 1 Description:

Mix: False Reported Qty: 550 LB

249.48000429105608 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Metals

Mix: False 290 LB Reported Qty:

131.54400226255686 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

505 LB Reported Qty:

229.06800393996969 Kilo Qty:

Density No: 0

Density Qty: Not reported

Shipments Sent:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 78 LB

35.3808006085498 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 50 LB

Kilo Qty: 22.680000390096

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 25 LB

11.340000195048 Kilo Qty:

43881153 Facility ID: Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 300 LB

136.080002340576 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 3 LB

Kilo Qty: 1.36080002340576

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 18 LB

Kilo Qty: 8.16480014043456

Facility ID: 43881153 Data Year: 2008 7/15/2008 Shipment sent data: Reported Qty: 117 LB

53.0712009128247 Kilo Qty:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 3 LB

Kilo Qty: 1.36080002340576

Facility ID: 43881153 Data Year: 2008 7/15/2008 Shipment sent data:

1000327746

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

EDR ID Number

1000327746

Reported Qty: 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

Direction Distance Elevation

vation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153
Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste.

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

43881153 Facility ID: Data Year: 2007 Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

> Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153 2008 Data Year:

Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

Facility Site ID Number: 43881153 EPA ID: WA8143690016 NAICS: 924110

SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2010 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False

Direction Distance Elevation

evation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 601544288
Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: UNITED STATES

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES
Land phone nbr: (206)860-3200

Operator org name: NOAA NMFS NW Fisheries Science Ctr

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: UNITED STATES
Operator phone nbr: (206)860-3316
Operator effective date: Not reported
Site contact name: Jon Buzitis

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)302-2438
Site Contact EMail: jon.buzitis@noaa.gov
Form Contact NAME: Jon Buzitis

Form Contact ADDR LINE1: 2725 MONTLAKE BLVD E Form Contact City,ST,Zip: SEATTLE, WA 98112-2013

Form Contact Country: UNITED STATES
Form Contact Phone #: (206)302-2438
Form Contact EMail: jon.buzitis@noaa.gov

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 43881153
Data Year: 2008
Description: PCB Ballasts
Mix: False
Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

Kilo Qty: 22.680000390096009

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Aerosols
Mix: False
Reported Qty: 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Misc Codes 1

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Waste Fixative
Mix: False

Reported Qty: 51 GAL

Kilo Qty: 193.05924129501898

Density No: 1
Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Non Chlorinated Solvent

Mix: False Reported Qty: 93 GAL

Density Qty: SPG

Facility ID: 43881153 Data Year: 2008

Description: Chlorinated Solvent

Mix: False Reported Qty: 103 GAL

Kilo Qty: 518.57226401969899

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Density No: 1.3300000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009 Description: Waste Acid Mix: False Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.080000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

181.44000312076807 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

False Mix: Reported Qty: 2 LB

Kilo Qty: 0.90720001560384034

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qty: 263.08800452511372

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False Reported Qty: 1100 LB

Kilo Qty: 498.96000858211215

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009 Description: Aerosols False Reported Qty: 10 LB

Kilo Qty: 4.5360000780192014

Density No:

Density Qty: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

Kilo Qty: 249.48000429105608

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

Kilo Qty: 131.54400226255686

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False

Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No:

Density Qty: Not reported

Shipments Sent:

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 78 LB

Kilo Qty: 35.3808006085498

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 50 LB

Kilo Qty: 22.680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 25 LB

Kilo Qty: 11.340000195048

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

1000327746

EDR ID Number

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Reported Qty: 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153
Data Year: 2008
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

43881153 Facility Site ID Number: EPA ID: WA8143690016 NAICS: 924110 SWC Desc: Not reported FWC Desc: Not reported Not reported Form Comm: Data Year: Not reported Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False False Utility boiler burner: Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 601544288
Business Type: Not reported

Mail Name: USDOC NOAA NW Fisheries Science Ctr

Mail addr line1: 2725 MONTLAKE BLVD E Mail city,st,zip: SEATTLE, WA 98112-2013

Mail country: UNITED STATES

Legal org name: USDOC NOAA NW Fisheries Science Ctr

Legal org type: Federal

Legal addr line1: 2725 MONTLAKE BLVD E Legal city,st,zip: SEATTLE, WA 98112-2013

Legal country: UNITED STATES
Legal phone nbr: (206)860-3200
Legal effective date: 07/17/1996

Land org name: USDOC NOAA NW Fisheries Science Ctr

Land org type: Federal Land person name: Not reported

Land addr line1: 2725 MONTLAKE BLVD E Land city,st,zip: SEATTLE, WA 98112-2013

Land country: UNITED STATES

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Land phone nbr: (206)860-3200

NOAA NMFS NW Fisheries Science Ctr Operator org name:

Operator org type: Federal

Operator addr line1: 2725 MONTLAKE BLVD E Operator city,st,zip: SEATTLE, WA 98112-2013

Operator country: **UNITED STATES** Operator phone nbr: (206)860-3316 04/15/2003 Operator effective date: Site contact name: Ann A Byar

Site contact addr line1: 2725 MONTLAKE BLVD E Site Contact City/State/ Zip: SEATTLE, WA 98112-2013

Site Contact Country: **UNITED STATES** Site Contact Phone #: (206)860-3316 Site Contact EMail: ann.byar@noaa.gov

Form Contact NAME: Ann A Byar

2725 MÓNTLAKE BLVD E Form Contact ADDR LINE1: Form Contact City, ST, Zip: SEATTLE. WA 98112-2013

UNITED STATES Form Contact Country: Form Contact Phone #: (206)860-3316 ann.byar@noaa.gov Form Contact EMail:

Gen Status CD: MQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

43881153 Facility ID: Data Year: 2008 **PCB Ballasts** Description: Mix: False Reported Qty: 78 LB

Kilo Qty: 35.380800608549769

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - State Waste mercury contaminated debris

Mix: False Reported Qty: 50 LB

22.680000390096009 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153

Direction Distance

Elevation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Data Year: 2008
Description: Aerosols
Mix: False
Reported Qty: 5 LB

Kilo Qty: 2.2680000390096007

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - State Wastes

Mix: False Reported Qty: 376 LB

Kilo Qty: 170.55360293352197

Density No: 0

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 25 LB

Kilo Qty: 11.340000195048004

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam for incineration

Mix: False Reported Qty: 303 LB

Kilo Qty: 137.44080236398182

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008

Description: Lab Pack - Metals

Mix: False Reported Qty: 21 LB

Kilo Qty: 9.5256001638403234

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2008

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 117 LB

Kilo Qty: 53.071200912824658

Density No:

Density Qty: Not reported

Facility ID: 43881153
Data Year: 2008
Description: Waste Fixative

Mix: False

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

Reported Qty: 51 GAL

193.05924129501898 Kilo Qty:

Density No: 1 Density Qty: SPG

Facility ID: 43881153 2008 Data Year:

Description: Non Chlorinated Solvent

False Mix: Reported Qty: 93 GAL

Kilo Qty: 281.6393637715571 Density No: 0.80000000000000004

Density Qty: SPG

43881153 Facility ID: Data Year: 2008

Description: **Chlorinated Solvent**

Mix: False Reported Qty: 103 GAL

518.57226401969899 Kilo Qty: 1.3300000000000001 Density No:

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009 Description: Waste Acid Mix: False Reported Qty: 7 GAL

Kilo Qty: 28.618193415496929 Density No: 1.0800000000000001

Density Qty: SPG

Facility ID: 43881153 Data Year: 2009

Description: scintillation fluid in vials

Mix: True Reported Qty: 400 LB

181.44000312076807 Kilo Qty:

Density No: 0

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 3

Mix: False Reported Qty: 2 LB

0.90720001560384034 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 2

Mix: False Reported Qty: 580 LB

Kilo Qtv: 263.08800452511372

Density No:

1000327746

Direction Distance

Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009

Description: Specimens in ethanol - non-infectious

Mix: False 1100 LB Reported Qty:

Kilo Qty: 498.96000858211215

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009 Description: Aerosols False Reported Qty: 10 LB

4.5360000780192014 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Misc Codes 1

Mix: False Reported Qty: 550 LB

Kilo Qty:

249.48000429105608

Density No:

Density Qty: Not reported

43881153 Facility ID: Data Year: 2009

Description: Lab Pack - Metals

Mix: False Reported Qty: 290 LB

131.54400226255686 Kilo Qty:

Density No:

Density Qty: Not reported

Facility ID: 43881153 Data Year: 2009

Description: Lab Pack - Flam/Corr

Mix: False Reported Qty: 505 LB

Kilo Qty: 229.06800393996969

Density No: n

Density Qty: Not reported

Shipments Sent:

Facility ID: 43881153 Data Year: 2008 Shipment sent data: 7/15/2008 Reported Qty: 78 LB

Kilo Qty: 35.3808006085498

Facility ID: 43881153 Data Year: 2008 7/15/2008 Shipment sent data:

Direction Distance Elevation

on Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

Reported Qty: 50 LB

Kilo Qty: 22.680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 25 LB

Kilo Qty: 11.340000195048

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 300 LB

Kilo Qty: 136.080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 18 LB

Kilo Qty: 8.16480014043456

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 117 LB

Kilo Qty: 53.0712009128247

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 3 LB

Kilo Qty: 1.36080002340576

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 376 LB

Kilo Qty: 170.553602933522

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 7/15/2008

 Reported Qty:
 5 LB

Kilo Qty: 2.2680000390096

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 51 GAL

Kilo Qty: 193.059241295019

1000327746

EDR ID Number

Direction Distance Elevation

vation Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 46 GAL

Kilo Qty: 139.305491757974

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 47 GAL

Kilo Qty: 142.333872013583

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 5/16/2008

 Reported Qty:
 53 GAL

Kilo Qty: 266.838155272272

 Facility ID:
 43881153

 Data Year:
 2008

 Shipment sent data:
 4/4/2008

 Reported Qty:
 50 GAL

Kilo Qty: 251.734108747427

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/1/2009

 Reported Qty:
 400 LB

Kilo Qty: 181.440003120768

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 10 LB

Kilo Qty: 4.5360000780192

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 2 LB

Kilo Qty: 0.90720001560384

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 12/28/2009

 Reported Qty:
 230 LB

Kilo Qty: 104.328001794442

 Facility ID:
 43881153

 Data Year:
 2009

 Shipment sent data:
 6/10/2009

 Reported Qty:
 350 LB

Kilo Qty: 158.760002730672

Waste Stream Comments:

Facility ID: 43881153 Data Year: 2006

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal 12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year =

3 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Facility ID: 43881153 Data Year: 2006

Comments: One time clean up of shop area - generated 500# oil based

paints/laquers. 8/2006

Facility ID: 43881153 Data Year: 2006

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153

Direction Distance Elevation

Site Database(s) EPA ID Number

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

EDR ID Number

Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006

Amount in storage at end of year = 29 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Facility ID: 43881153 Data Year: 2007

Comments: Lab Packs sent to vendor; divied up and sent to other TSDFs. Final

Management code list in B-4.

Facility ID: 43881153 Data Year: 2007

Comments: A-3: 2003 Removed unused waste codes. Solvent is now just a mixture of

acetone, alcohols, hexane, ect. 2006 - June 29, 2006 shipment had 2 55 gal drums of non-chlor solvent shipped and treated as MeCl2 waste. They are listed under MeCl2 GM. Amount in storage at end of year = 48.5 gal 12/31/2004 Amount in storage at end of year = 9 gal

12/31/2005 Amount in storage at end of year = 34 gal 12/31/2006 Amount

in storage at end of year = 25 gal 12/31/2007

Facility ID: 43881153
Data Year: 2007
Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: Lab Pack wastes with state only waste codes.

Facility ID: 43881153 Data Year: 2008

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NW FISHERIES SCIENCE CENTER (Continued)

1000327746

Comments: A-8: Histology Waste (eng. formaldehyde, picric acid, ethanol, xylene)

> Amount in storage at end of year = 30 gal 12/31/2004 Amount in storage at end of year = 26 gal 12/31/2005 Amount in storage at end of year = 3 gal 12/31/2006 Amount in storage at end of year = 48 gal 12/31/2007

Amount in storage at end of year = 45 gal 12/31/2008

Facility ID: 43881153 Data Year: 2008 Comments: Aerosol cans

Facility ID: 43881153 Data Year: 2008

Comments: A-3: 2003 Removed old waste codes. Waste stream is now only

> halogenated solvents, 95% methylene chloride. 2006 - June 29, 2006 shipment had two 55 gallon drums of non-chlorinated solvents shipped and treated as chlorinated solvents. Because of the treatment, they have been included under the MeCl2 waste here. Amount in storage at end of year = 22.5 gal 12/31/2004 Amount in storage at end of year = 15 gal 12/31/2005 Amount in storage at end of year = 35 gal 12/31/2006 Amount in storage at end of year = 29 gal 12/31/2007 Amount in storage

at end of year = 54 gal 12/31/2009

Facility ID: 43881153 Data Year: 2008

Comments: Barometer spill in office space - this waste was the carpet from the

spill after mercury clean up.

22 **GEOSAFE CORP** South **U OF W MORE HALL STEVENS WAY**

ALLSITES 1000376626 RCRA NonGen / NLR WAD982657546

1/4-1/2 0.409 mi.

2159 ft.

SEATTLE, WA 98195

Relative: ALLSITES: Higher Facility Name: **GEOSAFE CORP** Facility Id: 54413667 Actual:

56 ft.

Interaction: 50737 Interaction 1: Interaction 2: **HWG Ecology Program: HAZWASTE** Program Data: **TURBOWASTE** Facility Alt.: Not reported Program ID: WAD982657546 Date Interaction: 1989-03-24 00:00:00 Date Interaction 3: Hazardous Waste Generator 47.635564377000001 Latitude: Longitude: -122.297645105

RCRA NonGen / NLR:

Date form received by agency: 03/24/1989 **GEOSAFE CORP** Facility name:

Facility address: U OF W MORE HALL STEVENS WAY

SEATTLE, WA 98195

EPA ID: WAD982657546

Direction Distance

Elevation Site Database(s) EPA ID Number

GEOSAFE CORP (Continued)

1000376626

EDR ID Number

Mailing address: UW MORE HALL STEVENS WAY

SEATTLE, WA 98195-0001

Contact: GEOSAFE CORP BA GEOSAFE CORP BA

Contact address: UW MORE HALL STEVENS WAY

SEATTLE, WA 98195-0001

Contact country: US

Contact telephone: 000-000-0000 Contact email: Not reported

EPA Region: 10

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: GEOSAFE CORP BA G

Owner/operator address: UW MORE HALL STEVENS WAY

SEATTLE, WA 98195

Owner/operator country: US

Owner/operator telephone: 000-000-0000 Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Legal status: Private Owner/Operator Type: Owner 05/02/1996 Owner/Op start date: Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 03/24/1989
Site name: GEOSAFE CORP
Classification: Not a generator, verified

Violation Status: No violations found

Direction Distance

Elevation Site Database(s) **EPA ID Number**

F23 **BROADMOOR GULF CLUB ICR** 1001819202 SE 2340 BROADMOOR DR. E. N/A

09/13/91

1/4-1/2 SEATTLE, WA 98112

0.409 mi.

2161 ft. Site 1 of 3 in cluster F

Relative: ICR:

Higher Date Ecology Received Report:

Contaminants Found at Site: Petroleum products Actual:

Media Contaminated: Soil 122 ft. Waste Management: Tank

> Region: North Western Type of Report Ecology Received: Final cleanup report

Site Register Issue: 92-07 County Code: 17

Contact: Not reported Report Title: Not reported

11/25/91 Date Ecology Received Report:

Contaminants Found at Site: Petroleum products

Media Contaminated: Soil Waste Management: Tank

North Western Region: Type of Report Ecology Received: Final cleanup report

Site Register Issue: 92-12 County Code: 17

Contact: Not reported Report Title: Not reported

-122.2934

BROADMOOR GOLF CLUB F24 SE 2340 BROADMOOR DR E 1/4-1/2 SEATTLE, WA 98112

0.409 mi.

2161 ft. Site 2 of 3 in cluster F

UST: Relative: Higher

31812733 Facility ID: Site Id: 4661 Actual: 122 ft. UBI: Not reported Phone Number: Not reported 47.6396 Decimal Latitude:

Decimal Longitude:

Tank Name: Tag Number: A3629 Removed Tank Status: 08/06/1996 Tank Status Date: Tank Install Date: 00/31/1964 Tank Closure Date: Not reported Not reported Capacity Range: Tank Permit Expiration Date: Not reported Tank Upgrade Date: Not reported Tank Spill Prevention: Not reported Tank Overfill Prevention: Not reported Tank Material: Not reported Tank Construction: Not reported Tank Tightness Test: Not reported Tank Corrosion Protection: Not reported Tank Manifold: Not reported Tank Release Detection: Not reported

1000145598

N/A

UST

ALLSITES

CSCSL NFA

EDR ID Number

Direction Distance Elevation

ation Site Database(s) EPA ID Number

BROADMOOR GOLF CLUB (Continued)

1000145598

EDR ID Number

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: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

Tank Name: 1991D
Tag Number: A3629
Tank Status: Operational
Tank Status Date: 08/06/1996
Tank Install Date: 00/30/1991
Tank Closure Date: Not reported

Capacity Range: 111 TO 1,100 Gallons

Tank Permit Expiration Date: 09/30/2018
Tank Upgrade Date: 04/15/1998

Tank Spill Prevention:

Tank Overfill Prevention:

Tank Material:

Tank Construction:

Tank Tightness Test:

Tank Corrosion Protection:

Tank Manifold:

Spill Bucket/Spill Box

Ball Float Valve (vent line)

Dielectric Coated Steel

Single Wall Tank

Not reported

Sacrificial Anode

Not reported

Tank Release Detection: Automatic Tank Gauging

Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Double Wall Pipe

Pipe Primary Release Detection: Safe Suction (No Leak Detection)
Pipe Second Release Detection: Interstitial Monitoring (or Sump Sensor)

Pipe Corrosion Protection:

Pipe Pumping System:

Responsible Unit:

Dispencer/Pump SFC Type:

Corrosion Resistant
Safe Suction
NORTHWEST
Not reported

Tank Name: 1991UL
Tag Number: A3629
Tank Status: Operational
Tank Status Date: 08/06/1996
Tank Install Date: 00/30/1991
Tank Closure Date: Not reported

Capacity Range: 1,101 to 2,000 Gallons

Tank Permit Expiration Date: 09/30/2018
Tank Upgrade Date: 04/15/1998

Tank Spill Prevention:

Tank Overfill Prevention:

Tank Material:

Tank Construction:

Tank Tightness Test:

Tank Corrosion Protection:

Tank Manifold:

Spill Bucket/Spill Box

Ball Float Valve (vent line)

Dielectric Coated Steel

Single Wall Tank

Not reported

Sacrificial Anode

Not reported

Tank Release Detection: Automatic Tank Gauging

Tank SFC Type: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BROADMOOR GOLF CLUB (Continued)

1000145598

Pipe Material: **Fiberglass** Double Wall Pipe Pipe Construction:

Pipe Primary Release Detection: Safe Suction (No Leak Detection) Pipe Second Release Detection: Interstitial Monitoring (or Sump Sensor)

Pipe Corrosion Protection: Corrosion Resistant Pipe Pumping System: Safe Suction Responsible Unit: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

2 Tank Name: Tag Number: A3629 Tank Status: Removed Tank Status Date: 08/06/1996 Tank Install Date: 00/31/1964 Tank Closure Date: Not reported Not reported Capacity Range: Tank Permit Expiration Date: Not reported Tank Upgrade Date: Not reported Tank Spill Prevention: Not reported Tank Overfill Prevention: Not reported Tank Material: Not reported Tank Construction: Not reported Tank Tightness Test: Not reported Not reported Tank Corrosion Protection: 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 Pipe Second Release Detection: Not reported Pipe Corrosion Protection: Not reported Pipe Pumping System: Not reported NORTHWEST Responsible Unit: Dispencer/Pump SFC Type: Not reported

ALLSITES:

BROADMOOR GOLF CLUB Facility Name:

Facility Id: 31812733

Interaction: 37585 Interaction 1: LUST Interaction 2: **Ecology Program: TOXICS** Program Data: ISIS Facility Alt.: Not reported Program ID: 4661

Date Interaction: 1991-06-24 00:00:00 Date Interaction 3: **LUST Facility** Latitude: 47.639594375999998 Longitude: -122.293385105

Interaction: 37586 Interaction 1: UST Interaction 2:

Direction Distance

Elevation Site Database(s) EPA ID Number

BROADMOOR GOLF CLUB (Continued)

1000145598

EDR ID Number

Ecology Program: TOXICS
Program Data: UST
Facility Alt.: Not reported
Program ID: 4661

 Date Interaction:
 2000-03-20 00:00:00

 Date Interaction 3:
 Underground Storage Tank

 Latitude:
 47.639594375999998

 Longitude:
 -122.293385105

Interaction: 37587 Interaction 1: A

Interaction 2: **ENFORFNL Ecology Program: TOXICS** Program Data: DMS Facility Alt.: Not reported Program ID: Not reported Date Interaction: 2009-01-09 00:00:00 Date Interaction 3: **Enforcement Final** 47.639594375999998 Latitude: Longitude: -122.293385105

Interaction: 37584 Interaction 1: Interaction 2: **HWG Ecology Program: HAZWASTE** Program Data: **TURBOWASTE** Facility Alt.: Not reported WAD057322927 Program ID: Date Interaction: 1990-03-27 00:00:00 Date Interaction 3: Hazardous Waste Generator Latitude: 47.639594375999998 Longitude: -122.293385105

CSCSL NFA:

Facility/Site Id: 31812733

CS Id: 8685

NFA Date: 02/02/2012

Rank: Not reported

VCP: No

Latitude: 47.6396

Longitude: -122.2934

F25 BROADMOOR GOLF CLUB ALLSITES S110036263
SE 2340 BROADMOOR DR E Financial Assurance N/A

1/4-1/2 0.409 mi.

2161 ft. Site 3 of 3 in cluster F

SEATTLE, WA 98112

Relative: ALLSITES:
Higher Facility Name:

Facility Name: BROADMOOR GOLF CLUB IRRIGATION LK

Actual: Facility Id: 9115

122 ft.

Interaction: 85201
Interaction 1: A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BROADMOOR GOLF CLUB (Continued)

S110036263

Interaction 2: CONSTSWGP WATQUAL **Ecology Program:** Program Data: **PARIS**

Facility Alt.: BROADMOOR GOLF CLUB IRRIGATION LK

Program ID: WAR010423 Date Interaction: 2008-02-27 00:00:00 Date Interaction 3: Construction SW GP Latitude: 47.641094375999998 Longitude: -122.292985104

WA Financial Assurance 1:

DOE Site ID: 4661

Financial Resp Type: **GREAT AMERICAN E & S INSURANCE**

Inception Date: 03/15/2017 **Expiration Date:** 04/01/2018 Address 2: Not reported Policy Number: BTA9989239-05 Effective Date: 03/15/2017 Liability Limit Type: Not reported Compliance Method: Not reported Proof of Responsibility Document Flag: Not reported Retroactive Date: Not reported 47.6396 Latitude: -122.2934 Longitude:

26 **GRAHAM HEATING OIL TANK** ALLSITES S116363572 **SPILLS** N/A

wsw 1928 E BLAINE ST 1/4-1/2 SEATTLE, WA 98112

0.416 mi. 2198 ft.

Relative: ALLSITES: Higher

Facility Name: GRAHAM HEATING OIL TANK Facility Id: 12447

Actual: 94 ft.

Interaction: 123455 Interaction 1: Α Interaction 2: SCS Ecology Program: **TOXICS** Program Data: ISIS

Facility Alt.: Graham Heating Oil Tank

Program ID: Not reported

Date Interaction: 2014-03-21 00:00:00 Date Interaction 3: State Cleanup Site 47.638332589999997 Latitude: -122.306015622 Longitude:

SPILLS:

Facility ID: 647699 Medium: SOIL

PETROLEUM - OIL OTHER Material Desc:

Material Qty: Not reported Not reported Material Units: Date Received: Not reported Contact Name: UNKNOWN

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GRAHAM HEATING OIL TANK (Continued)

S116363572

Incident Date: Not reported Incident Category Type: Not reported Incident Category: Not reported Latitude: Not reported Longitude: Not reported Source Type: Not reported Source: Not reported Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

647699 Facility ID: Medium: SOIL

Material Desc: PETROLEUM - OIL OTHER

Material Qty: Not reported Not reported Material Units: Date Received: 03/21/2014 UNKNOWN Contact Name: Incident Date: Not reported Incident Category Type: Not reported Incident Category: Not reported Latitude: Not reported Longitude: Not reported Source Type: Not reported Not reported Source: Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

FLATIRON FOSTER ISLAND DIESEL SPILL

27 FLATIRON FOSTER ISLAND DIESEL SPILL NE WSDOT SR 520 WEST APPROACH BRIDGE NORTH

ALLSITES S118345237 **CSCSL NFA** N/A

SEATTLE, WA 98112

1/4-1/2 0.429 mi. 2267 ft.

Relative: ALLSITES: Lower Facility Name:

Facility Id: 9404

Actual: 26 ft.

Interaction: 114614 Interaction 1:

Interaction 2: INDPNDNT **Ecology Program: TOXICS** Program Data: ISIS

Facility Alt.: Flatiron Foster Island Diesel Spill

Program ID: Not reported Date Interaction: 2015-07-02 00:00:00 Date Interaction 3: Independent Cleanup 47.645577973000002 Latitude: Longitude: -122.291167599

CSCSL NFA:

Facility/Site Id: 9404 CS Id: 12755 09/02/2015 NFA Date: Rank: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FLATIRON FOSTER ISLAND DIESEL SPILL (Continued)

S118345237

VCP: No

47.645583524 Latitude: Longitude: -122.29118383

28 **WA UW WASHINGTON PARK ARBORETUM** ALLSITES 1001491306

SSE 2300 ARBORETUM DR E RCRA NonGen / NLR WAR000008730 1/4-1/2 SEATTLE, WA 98112 **FINDS**

-122.294477159

0.440 mi. **ECHO MANIFEST** 2324 ft. **NPDES**

Relative:

Higher ALLSITES: WASHINGTON PARK ARBORETUM Facility Name: Actual:

Facility Id: 10352 118 ft.

Longitude:

Interaction: 113971 Interaction 1:

CONSTSWGP Interaction 2: WATQUAL **Ecology Program:** Program Data: **PARIS**

Washington Park Arboretum Facility Alt.:

Program ID: WAR303252 Date Interaction: 2015-07-14 00:00:00 Date Interaction 3: Construction SW GP Latitude: 47.640238009000001

WA UW WASHINGTON PARK ARBORETUM Facility Name:

Facility Id: 12491789

26872 Interaction: Interaction 1: Interaction 2: **HWG Ecology Program: HAZWASTE** Program Data: **TURBOWASTE** Facility Alt.: Not reported WAR000008730 Program ID: Date Interaction: 2006-12-31 00:00:00 Date Interaction 3: Hazardous Waste Generator Latitude: 47.635564377000001 Longitude: -122.296666105

102051 Interaction: Interaction 1:

CONSTSWGP Interaction 2: **Ecology Program:** WATQUAL Program Data: **PARIS**

Facility Alt.: Washington Park Arboretum New Zealand Forest

WAR126018 Program ID: Date Interaction: 2012-06-14 00:00:00 Date Interaction 3: Construction SW GP Latitude: 47.635564377000001 Longitude: -122.296666105

Interaction: 116914

Direction Distance

Elevation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Interaction 1:

Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE

Facility Alt.: WA UW Washington Park Arboretum

 Program ID:
 WAR00008730

 Date Interaction:
 2015-12-31 00:00:00

 Date Interaction 3:
 Hazardous Waste Generator

 Latitude:
 47.635564377000001

 Longitude:
 -122.296666105

Interaction: 26871 Interaction 1: I

Interaction 2: **HWOTHER HAZWASTE Ecology Program:** Program Data: **TURBOWASTE** Facility Alt.: Not reported Program ID: WAR000008730 Date Interaction: 2003-12-31 00:00:00 Date Interaction 3: Haz Waste Management Acti Latitude: 47.635564377000001 Longitude: -122.296666105

Interaction: 90414
Interaction 1: I

Interaction 2: HWOTHER
Ecology Program: HAZWASTE
Program Data: TURBOWASTE

Facility Alt.: WA UW Washington Park Arboretum

 Program ID:
 WAR00008730

 Date Interaction:
 2009-12-31 00:00:00

 Date Interaction 3:
 Haz Waste Management Acti

 Latitude:
 47.635564377000001

 Longitude:
 -122.296666105

26874 Interaction: Interaction 1: HWG Interaction 2: Ecology Program: **HAZWASTE** Program Data: **TURBOWASTE** Facility Alt.: Not reported Program ID: WAR000008730 Date Interaction: 2008-12-31 00:00:00 Date Interaction 3: Hazardous Waste Generator Latitude: 47.635564377000001 Longitude: -122.296666105

 Interaction:
 26868

 Interaction 1:
 I

 Interaction 2:
 HWG

 Ecology Program:
 HAZWASTE

 Program Data:
 TURBOWASTE

Facility Alt.: WA UW WASHINGTON PARK ARBORETUM

Direction Distance

Elevation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

 Program ID:
 WAR000008730

 Date Interaction:
 1997-06-19 00:00:00

 Date Interaction 3:
 Hazardous Waste Generator

 Latitude:
 47.635564377000001

 Longitude:
 -122.296666105

Interaction: 26873 Interaction 1: I

Interaction 2: HWOTHER
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAR00008730
Date Interaction: 2007-12-31 00:00:00
Date Interaction 3: Haz Waste Management Acti

Latitude: 47.635564377000001 Longitude: -122.296666105

 Interaction:
 121177

 Interaction 1:
 A

 Interaction 2:
 HWOTHER

 Ecology Program:
 HAZWASTE

 Program Data:
 TURBOWASTE

Facility Alt.: WA UW Washington Park Arboretum

 Program ID:
 WAR00008730

 Date Interaction:
 2016-12-31 00:00:00

 Date Interaction 3:
 Haz Waste Management Acti

 Latitude:
 47.635564377000001

 Longitude:
 -122.296666105

Interaction: 26870 Interaction 1: Interaction 2: **HWG Ecology Program: HAZWASTE** Program Data: **TURBOWASTE** Facility Alt.: Not reported WAR000008730 Program ID: Date Interaction: 2002-01-24 00:00:00 Date Interaction 3: Hazardous Waste Generator Latitude: 47.635564377000001

Longitude: -122.296666105

RCRA NonGen / NLR:

Date form received by agency: 02/14/2012

Facility name: WA UW WASHINGTON PARK ARBORETUM

Facility address: 2300 ARBORETUM DR E

SEATTLE, WA 98112

EPA ID: WAR000008730
Mailing address: PO BOX 354400
SEATTLE, WA 98195

Contact: DAVE LUNDSTROM
Contact address: PO BOX 354400

SEATTLE, WA 98195

Direction Distance

Elevation Site Database(s) **EPA ID Number**

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Contact country: US

Contact telephone: 206-543-0467

DLUND@U.WASHINGTON.EDU Contact email:

EPA Region: 10 Land type: Municipal Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SEATTLE CITY PU S Owner/operator address: 100 DEXTER AVE N SEATTLE, WA 98109

Owner/operator country: US

Owner/operator telephone: 206-684-3000 Owner/operator email: Not reported Not reported Owner/operator fax: Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 11/12/1996 Owner/Op end date: Not reported

Owner/operator name: WA UW

Owner/operator address: PO BOX 354400

SEATTLE, WA 98195

Owner/operator country: US

206-543-0467 Owner/operator telephone: Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: State

Owner/Operator Type: Owner Owner/Op start date: 01/24/2002 Owner/Op end date: Not reported

Owner/operator name: WA UW W PO BOX 354400 Owner/operator address: SEATTLE, WA 98195

Owner/operator country: US

206-543-0467 Owner/operator telephone: Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 01/24/2002 Owner/Op end date: Not reported

SEATTLE CITY PUBLIC UTILITIES Owner/operator name:

Owner/operator address: 100 DEXTER AVE N SEATTLE, WA 98109

US

Owner/operator country:

Owner/operator telephone: 206-684-3000 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Municipal

Distance Elevation

tion Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Owner/Operator Type: Operator
Owner/Op start date: 11/12/1996
Owner/Op end date: Not reported

Owner/operator name: WA UW

Owner/operator address: PO BOX 354400

SEATTLE, WA 98195

Owner/operator country: US

Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: State Owner/Operator Type: Owner Owner/Op start date: 01/24/2002 Owner/Op end date: Not reported

Owner/operator name: SEATTLE CITY PUBLIC UTILITIES

Owner/operator address: 100 DEXTER AVE N SEATTLE, WA 98109

Owner/operator country: US

Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Municipal Legal status: Owner/Operator Type: Operator Owner/Op start date: 11/12/1996 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: Nο Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 02/17/2011

Site name: WA UW WASHINGTON PARK ARBORETUM

Classification: Not a generator, verified

Date form received by agency: 02/02/2010

Site name: WA UW WASHINGTON PARK ARBORETUM

Classification: Not a generator, verified

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

Date form received by agency: 12/31/2007

Site name: WA UW WASHINGTON PARK ARBORETUM

Classification: Not a generator, verified

Date form received by agency: 12/31/2005

Site name: WA UW WASHINGTON PARK ARBORETUM

Classification: Not a generator, verified

Date form received by agency: 12/31/2003

Site name: WA UW WASHINGTON PARK ARBORETUM

Classification: Not a generator, verified

Date form received by agency: 03/01/2002

Site name: WA UW WASHINGTON PARK ARBORETUM

Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 03/21/2003

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

FINDS:

Registry ID: 110005404570

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Direction Distance Elevation

ance EDR ID Number vation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001491306 Registry ID: 110005404570

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005404570

WA MANIFEST:

Facility Site ID Number: 12491789 EPA ID: WAR00008730

NAICS: 61131
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported

Permit by Rule:

Treatment by Generator:

No
Mixed radioactive waste:

No
Importer of hazardous waste:

No
Immediate recycler:

No

Treatment/Storage/Disposal/Recycling Facility: No Generator of dangerous fuel waste: No Generator marketing to burner: No Other marketers (i.e., blender, distributor, etc.): No Utility boiler burner: No Industry boiler burner: No Industrial Furnace: No Smelter defferal: No Universal waste - batteries - generate: No Universal waste - thermostats - generate: No Universal waste - mercury - generate: No Universal waste - lamps - generate: No Universal waste - batteries - accumulate: No Universal waste - thermostats - accumulate: No Universal waste - mercury - accumulate: No Universal waste - lamps - accumulate: No Destination Facility for Universal Waste: No Off-specification used oil burner - utility boiler: Nο Off-specification used oil burner - industrial boiler: No Off-specification used oil burner - industrial furnace: No

Tax Reg #: 178019988
Business Type: Botanical Garden

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city,st,zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

Legal country:
Legal phone nbr:
Legal phone nbr:
Legal effective date:
Land org name:

UNITED STATES
(206)543-0467
United States
(206)543-0467
Seattle City Parks

Direction Distance Elevation

vation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Land org type: Municipal
Land person name: Not reported
Land addr line1: 100 DEXTER AVE
Land city,st,zip: SEATTLE, WA 98109
Land country: UNITED STATES
Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N
Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Dave Lundstrom
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

XQG Gen Status CD: Monthly Generation: No Batch Generation: No One Time Generation: No Transport Own Waste: No Tranports Other Waste: No Recycler Onsite: No Transfer Facility: No

Other Exemption: Not reported

UW Battery Gen:
Used Oil Transporter:
No
Used Oil Transfer Facility:
No
Used Oil Processor:
No
Used Oil Refiner:
No

Used Oil Fuel Marketer Directs Shipments: No Used Oil Fuel Marketer Meets Specs: No

Facility Site ID Number: 12491789 EPA ID: WAR00008730

NAICS: 61131
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: False

Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False

Direction Distance Elevation

ation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Generator marketing to burner: False False Other marketers (i.e., blender, distributor, etc.): Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False Tax Reg #: 178019988

Tax Reg #: 1/8019988
Business Type: Botanical Garden

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city,st,zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

Legal country: **UNITED STATES** Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Land org name: Seattle City Parks Land org type: Municipal Land person name: Not reported 100 DEXTER AVE Land addr line1: SEATTLE, WA 98109 Land city,st,zip: **UNITED STATES** Land country: Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N
Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Dave Lundstrom
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Direction Distance Elevation

nce EDR ID Number ation Site Database(s) EPA ID Number

False

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

 Facility Site ID Number:
 12491789

 EPA ID:
 WAR000008730

 NAICS:
 611310

 SWC Desc:
 WP01,WT02

 FWC Desc:
 D001

 Form Comm:
 Not reported

 Data Year:
 2015

 Permit by Rule:
 False

Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility:

Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 178019988
Business Type: Botanical Garden

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city,st,zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW

Direction Distance

Elevation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

UNITED STATES Legal country: Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Land org name: Seattle City Parks Land org type: Municipal Land person name: Not reported Land addr line1: 100 DEXTER AVE SEATTLE, WA 98109 Land city,st,zip: **UNITED STATES** Land country: Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N
Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Doug Gallucci
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: SQG Monthly Generation: True Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12491789
EPA ID: WAR000008730
NAICS: 611310
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2016

Direction Distance

Elevation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False **Destination Facility for Universal Waste:** False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False Tax Reg #: 178019988

Business Type: Botanical Garden

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city,st,zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

Legal country: **UNITED STATES** Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Land org name: Seattle City Parks Land org type: Municipal Land person name: Not reported Land addr line1: 100 DEXTER AVE Land city,st,zip: SEATTLE, WA 98109 Land country: **UNITED STATES** Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N

Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Doug Gallucci
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Direction Distance Elevation

tion Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12491789 EPA ID: WAR000008730 NAICS: 611310 SWC Desc: Not reported FWC Desc: Not reported Not reported Form Comm: Data Year: 2014 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Direction Distance

Elevation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Tax Reg #: 178019988
Business Type: Botanical Garden

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city, st, zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

Legal country: **UNITED STATES** Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Land org name: Seattle City Parks Land org type: Municipal Land person name: Not reported Land addr line1: 100 DEXTER AVE SEATTLE, WA 98109 Land city, st, zip: Land country: **UNITED STATES** Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N

Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Doug Gallucci
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Direction Distance

Elevation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Facility Site ID Number: 12491789 WAR000008730 EPA ID: NAICS: 611310 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2012 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False Treatment/Storage/Disposal/Recycling Facility:

False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 178019988
Business Type: Botanical Garden

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city,st,zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

Legal country: **UNITED STATES** Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Land org name: Seattle City Parks Land org type: Municipal Land person name: Not reported 100 DEXTER AVE Land addr line1: SEATTLE, WA 98109 Land city,st,zip: **UNITED STATES** Land country: Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N
Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES

Direction Distance Elevation

tion Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Dave Lundstrom
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: XQG Monthly Generation: False False Batch Generation: One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12491789 EPA ID: WAR000008730 NAICS: 611310 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2013 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 178019988 Business Type: **Botanical Garden**

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

SEATTLE, WA 98195-4400 Mail city,st,zip:

Mail country: **UNITED STATES**

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

SEATTLE. WA 98195-4400 Legal city,st,zip:

Legal country: **UNITED STATES** Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Land org name: Seattle City Parks Land org type: Municipal Land person name: Not reported Land addr line1: 100 DEXTER AVE Land city,st,zip: SEATTLE, WA 98109 Land country: **UNITED STATES** Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

100 DEXTER AVE N Operator addr line1: SEATTLE, WA 98109-5102 Operator city,st,zip:

Operator country: **UNITED STATES** Operator phone nbr: 206-684-3000 Operator effective date: 11/12/1996 Site contact name: Dave Lundstrom Site contact addr line1: PO Box 354400

SEATTLE, WA 98195-4400 Site Contact City/State/ Zip:

Site Contact Country: **UNITED STATES** Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City, ST, Zip: SEATTLE, WA 98195-4400

Form Contact Country: **UNITED STATES** (206)543-0467 Form Contact Phone #:

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Not reported Other Exemption: UW Battery Gen: False Used Oil Transporter: False

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12491789 EPA ID: WAR000008730 NAICS: 611310 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2010 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 178019988 Business Type: **Botanical Garden**

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

SEATTLE, WA 98195-4400 Mail city,st,zip:

Mail country: **UNITED STATES**

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

SEATTLE, WA 98195-4400 Legal city,st,zip:

UNITED STATES Legal country: Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Seattle City Parks Land org name: Land org type: Municipal Land person name: Not reported 100 DEXTER AVE Land addr line1: SEATTLE, WA 98109 Land city,st,zip:

Direction Distance Elevation

Site Database(s) **EPA ID Number**

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Land country: **UNITED STATES** Land phone nbr: (206)684-4075

Seattle City Public Utilities Operator org name:

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: **UNITED STATES** Operator phone nbr: 206-684-3000 Operator effective date: 11/12/1996 Site contact name: Dave Lundstrom Site contact addr line1: PO Box 354400

SEATTLE, WA 98195-4400 Site Contact City/State/ Zip:

Site Contact Country: **UNITED STATES** Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

SEATTLE, WA 98195-4400 Form Contact City, ST, Zip:

Form Contact Country: **UNITED STATES** Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

611310

Facility Site ID Number: 12491789 EPA ID: WAR000008730 NAICS:

SWC Desc: Not reported Not reported FWC Desc: Form Comm: Not reported Data Year: 2009 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False Immediate recycler: False

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

Tax Reg #: 178019988
Business Type: Botanical Garden

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city,st,zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW
Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

Legal country: **UNITED STATES** Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Land org name: Seattle City Parks Land org type: Municipal Land person name: Not reported Land addr line1: 100 DEXTER AVE Land city,st,zip: SEATTLE, WA 98109 Land country: **UNITED STATES** Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N
Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Dave Lundstrom
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12491789 EPA ID: WAR000008730

NAICS: 61131 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Not reported Data Year: Permit by Rule: **FALSE** Treatment by Generator: **FALSE** Mixed radioactive waste: **FALSE** Importer of hazardous waste: **FALSE** Immediate recycler: **FALSE**

Treatment/Storage/Disposal/Recycling Facility: **FALSE** Generator of dangerous fuel waste: **FALSE** Generator marketing to burner: **FALSE FALSE** Other marketers (i.e., blender, distributor, etc.): Utility boiler burner: **FALSE** Industry boiler burner: **FALSE** Industrial Furnace: **FALSE** Smelter defferal: **FALSE** Universal waste - batteries - generate: **FALSE** Universal waste - thermostats - generate: **FALSE FALSE** Universal waste - mercury - generate: Universal waste - lamps - generate: **FALSE** Universal waste - batteries - accumulate: **FALSE** Universal waste - thermostats - accumulate: **FALSE** Universal waste - mercury - accumulate: **FALSE** Universal waste - lamps - accumulate: **FALSE Destination Facility for Universal Waste: FALSE** Off-specification used oil burner - utility boiler: **FALSE** Off-specification used oil burner - industrial boiler: **FALSE** Off-specification used oil burner - industrial furnace: FALSE

Tax Reg #: 178019988 Business Type: **Botanical Garden**

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city, st, zip: SEATTLE, WA 98195-4400

Mail country: **UNITED STATES**

WA UW Legal org name: Legal org type: State

Legal addr line1: PO Box 354400

SEATTLE. WA 98195-4400 Legal city,st,zip:

Legal country: **UNITED STATES**

Direction Distance

Elevation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

(206)543-0467 Legal phone nbr: Legal effective date: 01/24/2002 Seattle City Parks Land org name: Municipal Land org type: Land person name: Not reported 100 DEXTER AVE Land addr line1: SEATTLE, WA 98109 Land city,st,zip: Land country: **UNITED STATES** Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N
Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Dave Lundstrom
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: SQG Monthly Generation: **FALSE** Batch Generation: **FALSE** One Time Generation: **FALSE** Transport Own Waste: **FALSE** Tranports Other Waste: **FALSE** Recycler Onsite: **FALSE** Transfer Facility: **FALSE** Other Exemption: Not reported UW Battery Gen: **FALSE** Used Oil Transporter: **FALSE** Used Oil Transfer Facility: **FALSE** Used Oil Processor: **FALSE** Used Oil Refiner: **FALSE**

Used Oil Fuel Marketer Directs Shipments: FALSE
Used Oil Fuel Marketer Meets Specs: FALSE

Facility Site ID Number: 12491789 EPA ID: WAR00008730

NAICS: 61131
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2008

Data Year: 2008
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False

Direction Distance Elevation

ation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Immediate recycler: False Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False Universal waste - thermostats - accumulate: False Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False Tax Reg #: 178019988

Tax Reg #: 178019988
Business Type: Botanical Garden

Mail Name: WA UW Washington Park Arboretum

Mail addr line1: PO Box 354400

Mail city,st,zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

Legal country: **UNITED STATES** Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Seattle City Parks Land org name: Land org type: Municipal Not reported Land person name: Land addr line1: 100 DEXTER AVE Land city,st,zip: SEATTLE, WA 98109 Land country: **UNITED STATES** (206)684-4075 Land phone nbr:

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N
Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Dave Lundstrom
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

Form Contact Country: **UNITED STATES** Form Contact Phone #: (206)543-0467

douglasg@u.washington.edu Form Contact EMail:

Gen Status CD: SQG Monthly Generation: False **Batch Generation:** False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12491789 EPA ID: WAR000008730 NAICS: 611310 SWC Desc: Not reported FWC Desc: Not reported Form Comm: Not reported Data Year: 2011 Permit by Rule: False Treatment by Generator: False Mixed radioactive waste: False Importer of hazardous waste: False

Immediate recycler:

Treatment/Storage/Disposal/Recycling Facility: False Generator of dangerous fuel waste: False Generator marketing to burner: False Other marketers (i.e., blender, distributor, etc.): False Utility boiler burner: False Industry boiler burner: False Industrial Furnace: False Smelter defferal: False Universal waste - batteries - generate: False Universal waste - thermostats - generate: False Universal waste - mercury - generate: False Universal waste - lamps - generate: False Universal waste - batteries - accumulate: False False Universal waste - thermostats - accumulate: Universal waste - mercury - accumulate: False Universal waste - lamps - accumulate: False Destination Facility for Universal Waste: False Off-specification used oil burner - utility boiler: False Off-specification used oil burner - industrial boiler: False Off-specification used oil burner - industrial furnace: False

False

Tax Reg #: 178019988 Business Type: **Botanical Garden**

WA UW Washington Park Arboretum Mail Name:

Mail addr line1: PO Box 354400

Direction Distance Elevation

vation Site Database(s) EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

EDR ID Number

Mail city,st,zip: SEATTLE, WA 98195-4400

Mail country: UNITED STATES

Legal org name: WA UW Legal org type: State

Legal addr line1: PO Box 354400

Legal city,st,zip: SEATTLE, WA 98195-4400

UNITED STATES Legal country: Legal phone nbr: (206)543-0467 Legal effective date: 01/24/2002 Land org name: Seattle City Parks Land org type: Municipal Land person name: Not reported Land addr line1: 100 DEXTER AVE Land city,st,zip: SEATTLE, WA 98109 Land country: **UNITED STATES** Land phone nbr: (206)684-4075

Operator org name: Seattle City Public Utilities

Operator org type: Municipal

Operator addr line1: 100 DEXTER AVE N
Operator city,st,zip: SEATTLE, WA 98109-5102

Operator country: UNITED STATES
Operator phone nbr: 206-684-3000
Operator effective date: 11/12/1996
Site contact name: Dave Lundstrom
Site contact addr line1: PO Box 354400

Site Contact City/State/ Zip: SEATTLE, WA 98195-4400

Site Contact Country: UNITED STATES
Site Contact Phone #: (206)543-0467

Site Contact EMail: dlund@u.washington.edu

Form Contact NAME: Doug Gallucci Form Contact ADDR LINE1: PO Box 354400

Form Contact City,ST,Zip: SEATTLE, WA 98195-4400

Form Contact Country: UNITED STATES Form Contact Phone #: (206)543-0467

Form Contact EMail: douglasg@u.washington.edu

Gen Status CD: XQG Monthly Generation: False Batch Generation: False One Time Generation: False Transport Own Waste: False Tranports Other Waste: False Recycler Onsite: False Transfer Facility: False Other Exemption: Not reported UW Battery Gen: False Used Oil Transporter: False Used Oil Transfer Facility: False Used Oil Processor: False Used Oil Refiner: False

Used Oil Fuel Marketer Directs Shipments: False Used Oil Fuel Marketer Meets Specs: False

NPDES:

Facility Status: Not reported
Facility Type: Construction SW GP
Admin Region: Headqarters

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

WA UW WASHINGTON PARK ARBORETUM (Continued)

1001491306

Date Issued: 11/18/2015 Latitude: Not reported Longitude: Not reported Permit ID: WAR303252 Permit Version: Not reported Permit Status: Active Permit SubStatus: Not reported Not reported **Ecology Contact:** WRIA: Not reported Permit Expiration Date: 12/31/2020 Effective Date: 01/01/2016 Days to Expiration: 1171

29 GINIGER PROPERTY ICR \$104486832 WSW 1814 E. LYNN N/A

1/4-1/2 SEATTLE, WA 98112

0.473 mi. 2500 ft.

Relative: ICR:

Higher Date Ecology Received Report: 06/30/93

Actual: Contaminants Found at Site: Petroleum products

52 ft. Media Contaminated: Soil Waste Management: Tank

Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 93-04
County Code: 17

Contact: Not reported Report Title: Not reported

Date Ecology Received Report: 06/30/93

Contaminants Found at Site: Petroleum products

Media Contaminated: Soil

Waste Management: Heating fuel tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 93-08 County Code: 17

Contact: Not reported Report Title: Not reported

 30
 ROSTOMILY PROPERTY
 CSCSL 1007079325

 West
 1633 E CALHOUN ST
 ALLSITES N/A

 1/2-1
 SEATTLE, WA 98112
 FINDS

0.506 mi. 2674 ft.

Relative: CSCSL: Lower Facility

LowerFacility ID:2216199Actual:Region:Northwest

33 ft. Lat/Long: 47.641028 / -122.310278

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 4548

Site Status: Awaiting Cleanup

Direction Distance

Elevation Site Database(s) EPA ID Number

ROSTOMILY PROPERTY (Continued)

1007079325

EDR ID Number

PSI?: Not reported

Contaminant Name: Petroleum Products-Unspecified Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:

Facility Name: ROSTOMILY PROPERTY

Facility Id: 2216199

Interaction: 10091
Interaction 1: A

Interaction 2: INDPNDNT Ecology Program: TOXICS Program Data: ISIS

Facility Alt.: ROSTOMILY PROPERTY

Program ID: Not reported

 Date Interaction:
 2003-06-03 00:00:00

 Date Interaction 3:
 Independent Cleanup

 Latitude:
 47.641022378999999

 Longitude:
 -122.31026310199999

FINDS:

Registry ID: 110015560329

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

adanty i rograms.

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

31 WTD-INTERBAY PUMP STATION
SW 1601 WEST GARFIELD ST
1/2-1 SEATTLE, WA 98119

LUST UST ALLSITES

CSCSL

0.788 mi. 4158 ft.

Relative: CSCSL:

HigherFacility ID:56292726Actual:Region:Northwest

343 ft. Lat/Long: 47.6333 / -122.378679

Brownfield Status: Not reported Rank Status: N

Clean Up Siteid: 9735

Site Status: Cleanup Started

U000594230

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

WTD-INTERBAY PUMP STATION (Continued)

U000594230

EDR ID Number

PSI?: Yes

Contaminant Name: Petroleum-Other Ground Water: Not reported Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

LUST:

Facility ID: 56292726 Lust Status Type: Cleanup Started

Cleanup Site ID: 9735 Cleanup Unit Type: Upland

Process Type: Independent Action

Cleanup Unit Name: METRO INTERBAY PUMP STATION

Lust Status Date: 07/01/2011
Response Section: Northwest

Lat/Long: 47.6333 / -122.37867

UST:

Facility ID: 56292726
Site Id: 10082
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.6333
Decimal Longitude: -122.378679

INTBYPS-1 Tank Name: Tag Number: A5580 Tank Status: Exempt Tank Status Date: 08/06/1996 00/31/1964 Tank Install Date: Tank Closure Date: Not reported Not reported Capacity Range: Tank Permit Expiration Date: 03/08/1994 Tank Upgrade Date: Not reported Tank Spill Prevention: Not reported Tank Overfill Prevention: Not reported Tank Material: Not reported Tank Construction: Single Wall Tank Not reported Tank Tightness Test: 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 Not reported Pipe Primary Release Detection: Pipe Second Release Detection: Not reported Not reported Pipe Corrosion Protection: Pipe Pumping System: Not reported Responsible Unit: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

WTD-INTERBAY PUMP STATION (Continued)

U000594230

EDR ID Number

INTBYPS-2 Tank Name: Tag Number: A5580 Tank Status: Removed Tank Status Date: 08/06/1996 Tank Install Date: 00/31/1964 Tank Closure Date: Not reported

111 TO 1,100 Gallons Capacity Range:

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: Single Wall Tank 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: Steel

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

INTBYPS-3 Tank Name: Tag Number: A5580 Tank Status: Removed Tank Status Date: 08/06/1996 Tank Install Date: 00/31/1964 Tank Closure Date: Not reported

111 TO 1,100 Gallons Capacity Range:

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: Single Wall Tank Tank Tightness Test: Not reported Tank Corrosion Protection: Not reported Tank Manifold: Not reported Not reported Tank Release Detection: Tank SFC Type: Not reported Pipe Material:

Steel

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 **NORTHWEST** Responsible Unit: Dispencer/Pump SFC Type: Not reported

Tank Name: **INTERBAY 1**

Direction Distance

Elevation Site Database(s) EPA ID Number

WTD-INTERBAY PUMP STATION (Continued)

U000594230

EDR ID Number

Tag Number: A5580 Operational Tank Status: Tank Status Date: 01/24/2017 Tank Install Date: 00/12/2011 Tank Closure Date: Not reported Not reported Capacity Range: 06/30/2018 Tank Permit Expiration Date: Tank Upgrade Date: Not reported Tank Spill Prevention: Spill Bucket/Spill Box Tank Overfill Prevention: Automatic Shutoff (fill pipe) Tank Material: Fiberglass Reinforced Plastic

Tank Construction: Double Wall Tank

Tank Tightness Test: Part of Automatic Tank Gauging (ATG) System

Tank Corrosion Protection: Corrosion Resistant Tank Manifold: Not reported

Tank Release Detection: Automatic Tank Gauging

Tank SFC Type: Not reported
Pipe Material: Flexible Piping
Pipe Construction: Double Wall Pipe

Pipe Primary Release Detection: Interstitial Monitoring (or Sump Sensor)
Pipe Second Release Detection: Safe Suction (No Leak Detection)

Pipe Corrosion Protection:
Pipe Pumping System:
Responsible Unit:
Dispencer/Pump SFC Type:

Corrosion Resistant
Non-Safe Suction
NORTHWEST
Not reported

ALLSITES:

Facility Name: INTERBAY PUMP STATION

Facility Id: 56292726

 Interaction:
 51978

 Interaction 1:
 A

 Interaction 2:
 UST

 Ecology Program:
 TOXICS

 Program Data:
 UST

Facility Alt.: WTD INTERBAY PUMP STATION

Program ID: 10082

 Date Interaction:
 2000-03-20 00:00:00

 Date Interaction 3:
 Underground Storage Tank

 Latitude:
 47.63329438699999

 Longitude:
 -122.378664093

 Interaction:
 51977

 Interaction 1:
 I

 Interaction 2:
 LUST

 Ecology Program:
 TOXICS

 Program Data:
 ISIS

 Facility Alt.:
 Not reported

 Program ID:
 10082

 Date Interaction:
 1991-01-10 00:00:00

 Date Interaction 3:
 LUST Facility

 Latitude:
 47.633294386999999

 Longitude:
 -122.378664093

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

32 QUEEN CITY YACHT CLUB CSCSL S108277936 WNW 2608 BOYER AVE E ALLSITES N/A

1/2-1 0.789 mi. 4165 ft.

Relative: CSCSL: Lower Facility ID: 49595538

SEATTLE, WA 98102

Actual: Region: Northwest

17 ft. Lat/Long: 47.643636622 / -122.3165639

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 3432

Site Status: Awaiting Cleanup PSI?: Not reported

Contaminant Name: Petroleum Products-Unspecified

Ground Water: Suspected Surface Water: Remediated

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:

Facility Name: QUEEN CITY YACHT CLUB

Facility Id: 49595538

Interaction: 48087 Interaction 1: Interaction 2: **HWG HAZWASTE** Ecology Program: Program Data: **TURBOWASTE** Facility Alt.: Not reported WAH000007104 Program ID: Date Interaction: 1998-12-14 00:00:00 Date Interaction 3: Hazardous Waste Generator 47.643631100999997 Latitude: Longitude: -122.31654122

Interaction: 48088
Interaction 1: A

 Interaction 2:
 ENFORFNL

 Ecology Program:
 WATQUAL

 Program Data:
 DMS

 Facility Alt.:
 Not reported

 Program ID:
 Not reported

 Date Interaction:
 2008-01-16 00:00:00

Date Interaction 3: Enforcement Final Latitude: 47.643631100999997 Longitude: -122.31654122

 Interaction:
 91316

 Interaction 1:
 A

 Interaction 2:
 SCS

 Ecology Program:
 TOXICS

 Program Data:
 ISIS

SPILLS

Direction Distance

Elevation Site Database(s) EPA ID Number

QUEEN CITY YACHT CLUB (Continued)

S108277936

EDR ID Number

Facility Alt.: Queen City Yacht Club

Program ID: Not reported

 Date Interaction:
 2010-03-01 00:00:00

 Date Interaction 3:
 State Cleanup Site

 Latitude:
 47.643631100999997

 Longitude:
 -122.31654122

SPILLS:

Facility ID: 616753

Medium: SURFACE WATER-MARINE
Material Desc: PETROLEUM - DIESEL FUEL

Material Qty: Not reported Material Units: **GALLON** Date Received: 11/26/2009 Contact Name: **JENNERICH** Incident Date: Not reported Incident Category Type: Not reported Incident Category: Not reported Not reported Latitude: Longitude: Not reported Source Type: Not reported Source: Not reported Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

Facility ID: 610590

Medium: SURFACE WATER-MARINE Material Desc: PETROLEUM - UNKNOWN

Material Qty: Not reported Material Units: **GALLON** 01/16/2009 Date Received: UNKNOWN Contact Name: Incident Date: Not reported Incident Category Type: Not reported Incident Category: Not reported Latitude: Not reported Longitude: Not reported Source Type: Not reported Source: Not reported Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

Facility ID: 526342 Medium: Not reported

Material Desc: PETROLEUM - WASTE/USED OIL

Material Qty: 10 **GALLON** Material Units: Date Received: 05/10/2002 **THOMPSON** Contact Name: Not reported Incident Date: Incident Category Type: Not reported Incident Category: Not reported Latitude: Not reported Longitude: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

QUEEN CITY YACHT CLUB (Continued)

S108277936

CSCSL

ALLSITES

S110486424

N/A

Source Type: Not reported Not reported Source: Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

Facility ID: 649149

Medium: SURFACE WATER-FRESH Material Desc: PETROLEUM - DIESEL FUEL

Material Qty: Material Units: **GALLON** Date Received: 06/02/2014 **RANDOLPH** Contact Name: Incident Date: Not reported Incident Category Type: Not reported Incident Category: Not reported Not reported Latitude: Longitude: Not reported Source Type: Not reported Source: Not reported Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported

WA UW POWER PLANT DRYWELL CLOSURE 33 NNW

MASON RD & JEFFERSON RD

1/2-1 SEATTLE, WA 98195

0.795 mi. 4195 ft.

Relative: CSCSL: Higher

7508 Facility ID: Region: Northwest Actual:

Lat/Long: 47.652584 / -122.304037 89 ft. Not reported

Brownfield Status: Rank Status: Clean Up Siteid: 11382

Site Status: **Awaiting Cleanup** PSI?: Not reported Contaminant Name: Arsenic

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported Soil: Not reported Sediment: Not reported Air: Not reported Bedrock: Not reported Responsible Unit: Northwest

Facility ID: 7508 Region: Northwest

47.652584 / -122.304037 Lat/Long:

Brownfield Status: Not reported

Rank Status: Ν Clean Up Siteid: 11382

Site Status: Awaiting Cleanup PSI?: Not reported

Contaminant Name: Lead

Ground Water: Confirmed Above Cleanup Level

Direction Distance

Elevation Site Database(s) EPA ID Number

WA UW POWER PLANT DRYWELL CLOSURE (Continued)

S110486424

EDR ID Number

Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 7508 Region: Northwest

Lat/Long: 47.652584 / -122.304037

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 11382

Site Status: Awaiting Cleanup
PSI?: Not reported
Contaminant Name: Petroleum-Diesel
Ground Water: Not reported
Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 7508 Region: Northwest

Lat/Long: 47.652584 / -122.304037

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 11382

Site Status: Awaiting Cleanup PSI?: Not reported

Contaminant Name: Polycyclic Aromatic Hydrocarbons

Ground Water: Not reported Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:

Facility Name: WA UW POWER PLANT DRYWELL CLOSURE

Facility Id: 7508

 Interaction:
 93182

 Interaction 1:
 A

 Interaction 2:
 SCS

 Ecology Program:
 TOXICS

 Program Data:
 ISIS

Facility Alt.: WA UW Power Plant Drywell Closure

 Program ID:
 Not reported

 Date Interaction:
 2010-03-09 00:00:00

 Date Interaction 3:
 State Cleanup Site

 Latitude:
 47.652578376999998

 Longitude:
 -122.3040221

Direction Distance

Elevation Site Database(s) EPA ID Number

34 MADISON PARK TEXACO INC CSCSL U000591604

ESE 4000 E MADISON LUST N/A
1/2-1 SEATTLE, WA 98112 UST

0.955 mi. VCP 5045 ft. ALLSITES

Relative:CSCSL:HigherFacility ID:10554734Actual:Region:Northwest

52 ft. Lat/Long: 47.63323 / -122.282596

Brownfield Status: Not reported Rank Status: N

Clean Up Siteid: 5519
Site Status: Cleanup Started

PSI?: Not reported
Contaminant Name: Benzene

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 10554734 Region: Northwest

Lat/Long: 47.63323 / -122.282596

Brownfield Status: Not reported

Rank Status: N Clean Up Siteid: 5519

Site Status: Cleanup Started PSI?: Not reported

Contaminant Name: Non-Halogenated Solvents
Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 10554734 Region: Northwest

Lat/Long: 47.63323 / -122.282596

Brownfield Status: Not reported

Rank Status: N
Clean Up Siteid: 5519
Site Status: Clear

Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Gasoline

Ground Water: Confirmed Above Cleanup Level

Surface Water: Not reported

Soil: Confirmed Above Cleanup Level

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

EDR ID Number

Direction Distance Elevation

Site Database(s) EPA ID Number

MADISON PARK TEXACO INC (Continued)

U000591604

EDR ID Number

LUST:

Facility ID: 10554734 Lust Status Type: Awaiting Cleanup

Cleanup Site ID: 5519 Cleanup Unit Type: Upland

Process Type: Voluntary Cleanup Program Cleanup Unit Name: Madison Park Texaco

Lust Status Date: 11/02/2001 Response Section: Northwest

Lat/Long: 47.63323 / -122.28259

UST:

Facility ID: 10554734
Site Id: 7034
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.63323
Decimal Longitude: -122.282596

Tank Name: FIVE
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 00/31/1964
Tank Closure Date: Not reported

Capacity Range: 111 TO 1,100 Gallons

Tank Permit Expiration Date:

Tank Upgrade Date:

Tank Spill Prevention:

Tank Overfill Prevention:

Tank Material:

Steel

Not reported

Tank Construction: Not reported Tank Tightness Test: Not reported Not reported Tank Corrosion Protection: 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 Pipe Second Release Detection: Not reported Pipe Corrosion Protection: Not reported Pipe Pumping System: Not reported Responsible Unit: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

Tank Name: **FOUR** Tag Number: Not reported Tank Status: Removed Tank Status Date: 08/06/1996 00/31/1964 Tank Install Date: Tank Closure Date: Not reported Not reported Capacity Range: Tank Permit Expiration Date: Not reported Tank Upgrade Date: Not reported

Direction Distance Elevation

n Site Database(s) EPA ID Number

MADISON PARK TEXACO INC (Continued)

Tank Spill Prevention:

Tank Material:

Tank Construction:

Responsible Unit:

Dispencer/Pump SFC Type:

Tank Overfill Prevention:

Not reported Not reported Steel Not reported

Tank Tightness Test: Not reported Not reported Tank Corrosion Protection: Tank Manifold: Not reported Tank Release Detection: Not reported Not reported Tank SFC Type: Pipe Material: Not reported Not reported Pipe Construction: Pipe Primary Release Detection: Not reported Pipe Second Release Detection: Not reported Pipe Corrosion Protection: Not reported Pipe Pumping System: Not reported

NORTHWEST

Not reported

Tank Name: ONE

Tag Number: Not reported Tank Status: Removed 08/06/1996 Tank Status Date: 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 Tank Spill Prevention: Tank Overfill Prevention:

Not reported Not reported Tank Material: Steel Tank Construction: Not reported Tank Tightness Test: Not reported Tank Corrosion Protection: Not reported Tank Manifold: Not reported Not reported Tank Release Detection: Not reported Tank SFC Type: 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: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

Tank Name: **THREE** Tag Number: Not reported Removed Tank Status: Tank Status Date: 08/06/1996 Tank Install Date: 00/31/1964 Tank Closure Date: Not reported Capacity Range: Not reported Not reported Tank Permit Expiration Date: Tank Upgrade Date: Not reported Tank Spill Prevention: Not reported

U000591604

EDR ID Number

Direction
Distance
Elevation

Site Database(s) EPA ID Number

MADISON PARK TEXACO INC (Continued)

U000591604

EDR ID Number

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 Not reported Pipe Material: 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 **NORTHWEST** Responsible Unit: Dispencer/Pump SFC Type: Not reported

Tank Name: TWO Tag Number: Not reported Tank Status: Removed Tank Status Date: 08/06/1996 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 Not reported Tank Release Detection: Tank SFC Type: Not reported Not reported Pipe Material: 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: **NORTHWEST** Dispencer/Pump SFC Type: Not reported

VCP:

edr_fstat: WA 98112-3160 edr_fzip: edr_fcnty: KING edr_zip: Not reported Facility ID: 10554734 VCP Status: Not reported VCP: Yes **Ecology Status:** Not reported NFA Type: Not reported Date NFA: Not reported

Rank: N

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MADISON PARK TEXACO INC (Continued)

U000591604

Cleanup Siteid: 5519

WA edr_fstat: edr_fzip: 98112-3160 edr_fcnty: **KING** Not reported edr_zip: Facility ID: 10554734 VCP Status: Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported

Rank: Ν Cleanup Siteid: 5519

edr_fstat: WA

edr_fzip: 98112-3160 edr_fcnty: **KING** edr_zip: Not reported Facility ID: 10554734 VCP Status: Not reported

VCP: Yes

Ecology Status: Not reported NFA Type: Not reported Date NFA: Not reported Rank: Ν

Cleanup Siteid: 5519

ALLSITES:

Facility Name: MADISON PARK TEXACO INC

Facility Id: 10554734

25804 Interaction: Interaction 1: LUST Interaction 2: **TOXICS Ecology Program:** Program Data: ISIS Facility Alt.: Not reported

Program ID: 7034 Date Interaction: 2001-11-02 00:00:00 **LUST Facility** Date Interaction 3: Latitude: 47.633224374999998

Longitude: -122.282581108

Interaction: 25803 Interaction 1:

Interaction 2: **VOLCLNST Ecology Program: TOXICS** Program Data: ISIS

Facility Alt.: MADISON PARK TEXACO INC

Program ID: NW0799

Date Interaction: 2001-11-19 00:00:00 Voluntary Cleanup Sites Date Interaction 3: 47.633224374999998 Latitude: Longitude: -122.282581108

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MADISON PARK TEXACO INC (Continued)

U000591604

SPILLS

Interaction: 25802 Interaction 1: Interaction 2: UST **Ecology Program: TOXICS** Program Data: UST Facility Alt.: Not reported Program ID: 7034

Date Interaction: 2000-02-29 00:00:00 Date Interaction 3: Underground Storage Tank Latitude: 47.633224374999998 -122.282581108 Longitude:

BOAT STREET MARINA 35 CSCSL

S109136942 NW **1401 BOAT ST BROWNFIELDS** N/A 1/2-1 SEATTLE, WA 98105 **ALLSITES**

0.987 mi. 5209 ft.

Relative: CSCSL: Lower Facility ID: 3690385 Region: Northwest Actual:

Lat/Long: 47.599089 / -122.331361 27 ft.

Brownfield Status: Yes Rank Status: Ν Clean Up Siteid: 400

Site Status: Cleanup Started

PSI?: Yes

Contaminant Name: Petroleum Products-Unspecified

Ground Water: Suspected Surface Water: Not reported

Confirmed Above Cleanup Level Soil:

Sediment: Not reported Not reported Air: Not reported Bedrock: Responsible Unit: Northwest

BROWNFIELDS:

Facilty ID: 3690385 Rank: Not reported

Cleanup Site Id: 400

Facility Status: Cleanup Started ISIS User Display Name: Northwest Region Latitude: 47.599089 Longitude: -122.331361

Is VCP Flag: No Is NFA Flag: No

ALLSITES:

WA UW BOAT ST MARINA Facility Name:

Facility Id: 3690385

Interaction: 96937 Interaction 1:

VOLCLNST Interaction 2: **TOXICS Ecology Program:** Program Data: ISIS

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BOAT STREET MARINA (Continued)

S109136942

BOAT STREET MARINA Facility Alt.:

Program ID: NW2410

Date Interaction: 2011-05-27 00:00:00 Date Interaction 3: Voluntary Cleanup Sites Latitude: 47.599083382000003 -122.33134610800001 Longitude:

Interaction: 13246 Interaction 1: Interaction 2: SCS TOXICS **Ecology Program:** Program Data: ISIS

Facility Alt.: WA UW BOAT ST MARINA

Program ID: Not reported 2008-05-14 00:00:00 Date Interaction: Date Interaction 3: State Cleanup Site 47.599083382000003 Latitude: Longitude: -122.33134610800001

SPILLS:

Facility ID: 635294

SURFACE WATER-FRESH Medium: Material Desc: PETROLEUM - MOTOR OIL

Material Qty: Not reported Material Units: **GALLON** Date Received: 07/22/2012 Contact Name: UNKNOWN Not reported Incident Date: Incident Category Type: Not reported Not reported Incident Category: Latitude: Not reported Longitude: Not reported Source Type: Not reported Not reported Source: Vessel Facility Name2: Not reported Recovered Quantity: Not reported Not reported Resp Party Name:

Facility ID: 635298

Medium: SURFACE WATER-FRESH Material Desc: PETROLEUM - UNKNOWN

Material Qty: Not reported Material Units: **GALLON** Date Received: 07/21/2012 Contact Name: UNKNOWN Not reported Incident Date: Incident Category Type: Not reported Incident Category: Not reported Not reported Latitude: Longitude: Not reported Source Type: Not reported Not reported Source: Vessel Facility Name2: Not reported Recovered Quantity: Not reported Resp Party Name: Not reported Count: 10 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KING COUNTY	S118401451	ADS METAL	40 LAKE BELLEVUE STE 100		SWF/LF
SEATTLE	1006260738	SEATTLE CY OF UNION BAY	LAKE WASHINGTON STORM DRAIN OU	98105	ICIS, FINDS, ECHO
SEATTLE	S105805995	JUDKINS STREET DISPOSAL SITE	WEST OF 22ND AVENUE SOUTH, SOU		SWF/LF
SEATTLE	S105805991	NORTH AURORA DISPOSAL SITE	EAST OF STONE AVENUE NORTH, SO		SWF/LF
SEATTLE	S105805990	MONTLAKE DISPOSAL SITE	EAST OF MONTLAKE BOULEVARD, SO		SWF/LF
SEATTLE	S105805989	GENESEE LANDFILL	NORTH OF SOUTH ALASKA STREET T		SWF/LF
SEATTLE	S105805994	GREEN LAKE LANDFILL SITE	NORTH, SOUTH, EAST, WEST PERIM		SWF/LF
SEATTLE	S118084413	UW LEWIS HALL	4185 E STEVENS WAY NE	98195	CSCSL, ALLSITES
SEATTLE	S105805996	WASHINGTON PARK LANDFILL SITE	UNIVERSITY OF WASHINGTON ARBOR		SWF/LF
SEATTLE	1001226300	SEATTLE CITY SDOT UNIVERSITY BRIDG	UNIVERSITY BRG EASTLAKE AVE E	98105	ICR, RCRA NonGen / NLR, MANIFES

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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

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.

Date of Government Version: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 07/16/2018
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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 14

Source: EPA Telephone: N/A

Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 07/16/2018
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: 11/07/2016 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 92

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/16/2018 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: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 66

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 07/30/2018 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: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 66

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 07/30/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency Telephone: (206) 553-1200

Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

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: 02/16/2018 Date Data Arrived at EDR: 02/22/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 78

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/09/2018

Next Scheduled EDR Contact: 08/27/2018 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: 02/13/2018 Date Data Arrived at EDR: 02/27/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/27/2018

Next Scheduled EDR Contact: 06/11/2018 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: 02/13/2018 Date Data Arrived at EDR: 02/27/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/27/2018

Next Scheduled EDR Contact: 06/11/2018

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: 01/16/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 63

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

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: 02/21/2018 Date Data Arrived at EDR: 03/15/2018 Date Made Active in Reports: 04/11/2018

Number of Days to Update: 27

Source: Department of Ecology Telephone: 360-407-7200 Last EDR Contact: 12/04/2017

Next Scheduled EDR Contact: 03/19/2018 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: 01/17/2018 Date Data Arrived at EDR: 01/18/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 26

Source: Department of Ecology Telephone: 360-407-7200 Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Quarterly

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: 03/05/2018 Date Data Arrived at EDR: 03/13/2018 Date Made Active in Reports: 04/11/2018

Number of Days to Update: 29

Source: Department of Ecology Telephone: 360-407-6132 Last EDR Contact: 03/01/2018

Next Scheduled EDR Contact: 06/18/2018 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: 02/13/2018 Date Data Arrived at EDR: 02/15/2018 Date Made Active in Reports: 03/08/2018

Number of Days to Update: 21

Source: Department of Ecology Telephone: 360-407-7183 Last EDR Contact: 02/15/2018

Next Scheduled EDR Contact: 05/28/2018 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: 10/24/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/06/2018 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 10/16/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018

Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 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: 05/01/2018 Date Data Arrived at EDR: 05/01/2018 Date Made Active in Reports: 05/09/2018

Number of Days to Update: 8

Source: Department of Ecology Telephone: 360-407-7183 Last EDR Contact: 05/01/2018

Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015 Date Data Arrived at EDR: 02/02/2016 Date Made Active in Reports: 05/03/2016

Number of Days to Update: 91

Source: Department of Ecology Telephone: 360-407-7562 Last EDR Contact: 04/30/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Varies

INDIAN UST R10: 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 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN UST R8: 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 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 01/13/2018 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN UST R9: 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 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN UST R5: 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 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/16/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 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: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 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 land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

INDIAN UST R6: 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 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 134

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List Sites that have institutional controls.

Date of Government Version: 01/17/2018 Date Data Arrived at EDR: 01/18/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 26

Source: Department of Ecology Telephone: 360-407-7170 Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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: 03/21/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 01/17/2018 Date Data Arrived at EDR: 01/18/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 26

Source: Department of Ecology Telephone: 360-407-7200 Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Varies

ICR: 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

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located 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

State and tribal Brownfields sites

BROWNFIELDS: 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: 01/18/2017 Date Data Arrived at EDR: 01/20/2017 Date Made Active in Reports: 03/17/2017

Number of Days to Update: 56

Source: Department of Ecology Telephone: 360-725-4030 Last EDR Contact: 04/20/2018

Next Scheduled EDR Contact: 07/30/2018
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: 01/19/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/21/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Solid Waste Tire Facilities

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

Date of Government Version: 11/01/2005 Date Data Arrived at EDR: 03/16/2006 Date Made Active in Reports: 04/13/2006

Number of Days to Update: 28

Source: Department of Ecology

Telephone: N/A

Last EDR Contact: 09/08/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Varies

SWRCY: Recycling Facility List

A llisting of recycling center locations.

Date of Government Version: 01/23/2018 Date Data Arrived at EDR: 01/26/2018 Date Made Active in Reports: 03/15/2018

Number of Days to Update: 48

Source: Department of Ecology Telephone: 360-407-6105 Last EDR Contact: 04/20/2018

Next Scheduled EDR Contact: 08/06/2018 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 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 01/30/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Varies

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

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: 04/18/2018

Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 05/04/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Varies

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.

Date of Government Version: 02/22/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 71

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/27/2018

Next Scheduled EDR Contact: 06/11/2018
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: 02/01/2018 Date Data Arrived at EDR: 02/02/2018 Date Made Active in Reports: 03/08/2018

Number of Days to Update: 34

Source: Department of Ecology Telephone: 360-407-6423 Last EDR Contact: 04/30/2018

Next Scheduled EDR Contact: 08/13/2018 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: 01/17/2018 Date Data Arrived at EDR: 02/13/2018 Date Made Active in Reports: 03/07/2018

Number of Days to Update: 22

Source: Department of Health Telephone: 360-236-3380 Last EDR Contact: 05/04/2018

Next Scheduled EDR Contact: 08/20/2018 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 Date Data Arrived at EDR: 06/26/2007 Date Made Active in Reports: 07/19/2007

Number of Days to Update: 23

Source: Department of Health Telephone: 360-236-3381 Last EDR Contact: 06/02/2008

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: 01/17/2018 Date Data Arrived at EDR: 01/18/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 26

Source: Department of Ecology Telephone: 360-407-7170 Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Quarterly

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: 02/22/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 71

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/27/2018

Next Scheduled EDR Contact: 06/11/2018 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: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 94

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Semi-Annually

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: 01/19/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 63

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

SPILLS: Reported Spills

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

Date of Government Version: 03/05/2018 Date Data Arrived at EDR: 03/08/2018 Date Made Active in Reports: 04/11/2018

Number of Days to Update: 34

Source: Department of Ecology Telephone: 360-407-6950 Last EDR Contact: 03/01/2018

Next Scheduled EDR Contact: 06/18/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: (206) 553-1200

Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

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: 02/21/2018

Next Scheduled EDR Contact: 06/04/2018 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: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 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: 04/11/2018

Next Scheduled EDR Contact: 07/23/2018

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: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 02/16/2018

Next Scheduled EDR Contact: 05/28/2018 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: 01/11/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 03/02/2018

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 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 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/07/2018

Next Scheduled EDR Contact: 08/20/2018 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: 05/08/2018

Next Scheduled EDR Contact: 08/20/2018

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: 12/31/2016 Date Data Arrived at EDR: 06/21/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/23/2018

Next Scheduled EDR Contact: 07/02/2018 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: 12/31/2016 Date Data Arrived at EDR: 01/10/2018 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/23/2018

Next Scheduled EDR Contact: 06/04/2018 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 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/09/2018

Next Scheduled EDR Contact: 08/06/2018 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: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 94

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 06/18/2018 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: 11/02/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/20/2018

Next Scheduled EDR Contact: 08/06/2018
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 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/20/2018 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: 06/01/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 126

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 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: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 04/09/2018

Next Scheduled EDR Contact: 07/23/2018 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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 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: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission Telephone: 301-415-7169 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/20/2018
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 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 03/09/2018

Next Scheduled EDR Contact: 06/18/2018 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 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 03/06/2018

Next Scheduled EDR Contact: 06/18/2018 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: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018

Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/03/2018 Date Data Arrived at EDR: 01/04/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 99

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/05/2018

Next Scheduled EDR Contact: 07/16/2018 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: 10/19/2006 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: 12/17/2008

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: 05/03/2018

Next Scheduled EDR Contact: 08/13/2018 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: 12/31/2017 Date Data Arrived at EDR: 01/24/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/02/2018

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: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 02/23/2018

Next Scheduled EDR Contact: 06/04/2018 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: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/11/2018

Next Scheduled EDR Contact: 07/23/2018 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: 12/23/2016 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 52

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 05/07/2018

Next Scheduled EDR Contact: 08/20/2018 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: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/23/2018

Next Scheduled EDR Contact: 06/04/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 03/02/2018

Number of Days to Update: 24

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 07/16/2018 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 Source: Am

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: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 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: 01/25/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 72

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 02/28/2018

Next Scheduled EDR Contact: 06/11/2018 Data 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 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 03/02/2018

Next Scheduled EDR Contact: 06/11/2018 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 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 03/02/2018

Next Scheduled EDR Contact: 06/11/2018 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/20/2017 Date Data Arrived at EDR: 12/21/2017 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 92

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/07/2018

Next Scheduled EDR Contact: 06/25/2018 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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: 02/21/2018 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 28

Source: EPA

Telephone: (206) 553-1200 Last EDR Contact: 02/23/2018

Next Scheduled EDR Contact: 06/18/2018 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/13/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 03/02/2018

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 03/07/2018

Next Scheduled EDR Contact: 06/18/2018 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 73

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 03/02/2018

Next Scheduled EDR Contact: 06/11/2018 Data Release Frequency: Varies

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: 02/20/2018 Date Data Arrived at EDR: 02/21/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 30

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 02/21/2018

Next Scheduled EDR Contact: 06/04/2018 Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 01/10/2017 Date Made Active in Reports: 03/17/2017

Number of Days to Update: 66

Source: Department of Ecology Telephone: 360-407-6040 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 03/13/2018 Date Data Arrived at EDR: 03/16/2018 Date Made Active in Reports: 04/11/2018

Number of Days to Update: 26

Source: Department of Labor & Industries

Telephone: 360-902-6209 Last EDR Contact: 02/20/2018

Next Scheduled EDR Contact: 06/04/2018 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 03/08/2018 Date Data Arrived at EDR: 03/13/2018 Date Made Active in Reports: 04/11/2018

Number of Days to Update: 29

Source: Department of Ecology Telephone: 360-407-6933 Last EDR Contact: 03/01/2018

Next Scheduled EDR Contact: 06/18/2018 Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 01/17/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 25

Source: Department of Ecology Telephone: 360-407-6732 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank 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: 01/02/2018 Date Data Arrived at EDR: 03/23/2018 Date Made Active in Reports: 04/24/2018

Number of Days to Update: 32

Source: Department of Ecology Telephone: 360-586-1060 Last EDR Contact: 02/26/2018

Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: No Update Planned

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous 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: 01/26/2018 Date Data Arrived at EDR: 02/13/2018 Date Made Active in Reports: 03/07/2018

Number of Days to Update: 22

Source: Department of Ecology Telephone: 360-407-6754 Last EDR Contact: 05/14/2018

Next Scheduled EDR Contact: 08/27/2018 Data Release Frequency: Varies

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: 11/15/2017 Date Data Arrived at EDR: 11/20/2017 Date Made Active in Reports: 01/04/2018

Number of Days to Update: 45

Source: Department of Ecology Telephone: 360-407-6136 Last EDR Contact: 05/14/2018

Next Scheduled EDR Contact: 08/27/2018

Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 01/17/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 25

Source: Department of Ecology Telephone: 360-407-6732 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/27/2017 Date Made Active in Reports: 06/05/2017

Number of Days to Update: 39

Source: Department of Ecology

Telephone: N/A

Last EDR Contact: 03/19/2018

Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data
A listing of permitted wastewater facilities.

Date of Government Version: 10/17/2017 Date Data Arrived at EDR: 10/18/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 2

Source: Department of Ecology Telephone: 360-407-6073 Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 01/17/2018 Date Data Arrived at EDR: 01/18/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 26

Source: Department of Ecology Telephone: 360-407-6143 Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 07/30/2018 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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto 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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical 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 C

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/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

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.

Source: Department of Ecology

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/10/2014

Telephone: N/A Last EDR Contact: 06/01/2012 Number of Days to Update: 193 Next Scheduled EDR Contact: N/A Data 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: 03/23/2018

Next Scheduled EDR Contact: 07/02/2018 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: 01/03/2018 Date Data Arrived at EDR: 02/14/2018 Date Made Active in Reports: 03/22/2018

Number of Days to Update: 36

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 02/14/2018

Next Scheduled EDR Contact: 05/28/2018
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.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 01/31/2018 Date Made Active in Reports: 03/09/2018

Number of Days to Update: 37

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 09/25/2017

Number of Days to Update: 62

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/12/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/13/2017 Date Made Active in Reports: 07/14/2017

Number of Days to Update: 92

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/08/2018

Next Scheduled EDR Contact: 06/25/2018 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

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.

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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

PORTAGE BAY 2508 LAKE WASHINGTON BOULEVARD EAST SEATTLE, WA 98112

TARGET PROPERTY COORDINATES

Latitude (North): 47.641556 - 47° 38' 29.60" Longitude (West): 122.298278 - 122° 17' 53.80"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 552708.4 UTM Y (Meters): 5276481.5

Elevation: 36 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 6005541 SEATTLE NORTH, WA

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:

- 1. Groundwater flow direction, and
- 2. 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.

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).

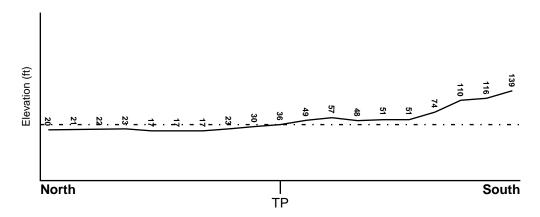
TOPOGRAPHIC INFORMATION

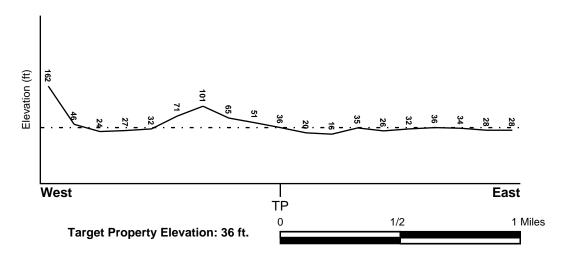
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

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

Flood Plain Panel at Target Property FEMA Source Type

53033C0345F FEMA Q3 Flood data

Additional Panels in search area: FEMA Source Type

53033C0340F FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

SEATTLE NORTH 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 Location Relative to TP: 1/2 - 1 Mile SSE

Site Name: SEATTLE, CY OF, WASH. PLYFIELD/ARBORETUM

Site EPA ID Number: WAD980974422
Groundwater Flow Direction: NOT AVAILABLE
Inferred Depth to Water: 4 feet to 7 feet

Hydraulic Connection:

Sole Source Aquifer:

Data Quality:

The unsaturated zone is considered to be less permeable.

A sole source aquifer is not persent at or near the site

Information is inferred in the CERCLIS investigation report(s)

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
1	1/4 - 1/2 Mile SW	NNW
2	1/4 - 1/2 Mile NW	SW

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
5	1/2 - 1 Mile NNW	NE
1G	1/2 - 1 Mile NNW	NE
2G	1/4 - 1/2 Mile NW	SW
3G	1/4 - 1/2 Mile SW	NNW

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

System: 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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: ALDERWOOD

Soil Surface Texture: gravelly - sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic

conductivity, wet state high in the profile. Depth to water table is 3

to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.10
2	7 inches	35 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.10
3	35 inches	39 inches	cemented	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam

very gravelly - sandy loam

Surficial Soil Types: silt loam

very gravelly - sandy loam

Shallow Soil Types: very gravelly - loam

Deeper Soil Types: very gravelly - coarse sand

stratified

very gravelly - loamy sand very gravelly - sand

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

MAP ID	WELL ID	LOCATION FROM TP	
3	USGS40001266420	1/2 - 1 Mile NW	
6	USGS40001262337	1/2 - 1 Mile SSW	

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

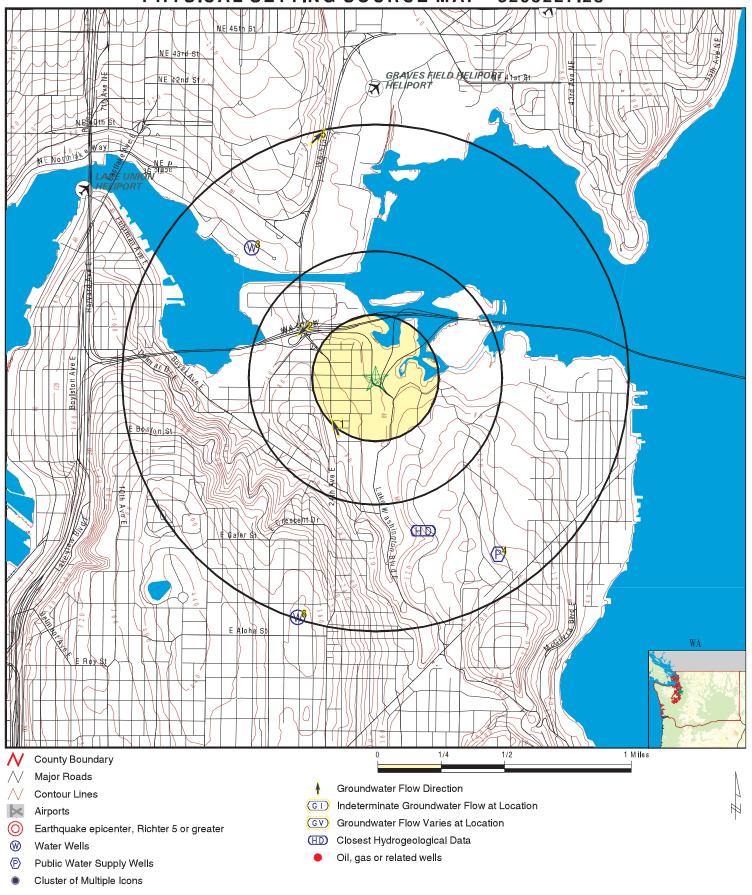
LOCATION MAP ID WELL ID FROM TP 4 WA5377138 1/2 - 1 Mile SE

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

STATE DATABASE WELL INFORMATION

LOCATION MAP ID WELL ID FROM TP No Wells Found

PHYSICAL SETTING SOURCE MAP - 5293227.2s



SITE NAME: PORTAGE BAY

ADDRESS: 2508 Lake Washington Boulevard East

Seattle WA 98112 LAT/LONG: 47.641556 / 122.298278 CLIENT: Trileaf Corporation CONTACT: Karen Campbell INQUIRY#: 5293227.2s DATE: May 15, 2018 10:07 am

Map ID Direction Distance

Database EDR ID Number Elevation

SW 1/4 - 1/2 Mile Higher

Site ID: 403485 **AQUIFLOW** 61315 Groundwater Flow: NNW Shallowest Water Table Depth: 3.58

Deepest Water Table Depth: 13.20 Average Water Table Depth: Not Reported 01/22/1998 Date:

Site ID: 2 NW 1/4 - 1/2 Mile

2726 **AQUIFLOW** 61135 Groundwater Flow: SW

Shallowest Water Table Depth: Not Reported Higher Deepest Water Table Depth: Not Reported

Average Water Table Depth: 06/01/1992 Date:

NW **FED USGS** USGS40001266420

1/2 - 1 Mile Higher

> Org. Identifier: USGS-WA

Formal name: **USGS** Washington Water Science Center

Monloc Identifier: USGS-473857122182701

25N/04E-16N01 Monloc name:

Monloc type: Well

Monloc desc: Not Reported Huc code: 17110012

Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported 47.6489872 Contrib drainagearea units: Not Reported Latitude: -122.3087373 24000 Longitude: Sourcemap scale: Horiz Acc measure: 1 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

NAD83 Horiz coord refsys: Vert measure val: 10 Vert measure units: feet Vertacc measure val: 2

Vert accmeasure units: feet Vertcollection method: Interpolated from topographic map

NGVD29 Vert coord refsys: Countrycode: US

Not Reported Aquifername: Not Reported Formation type: Not Reported Aquifer type:

Construction date: 19520101 Welldepth: 160

Welldepth units: Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 1

Feet below Feet to Date Surface Sealevel

1952-12-17 22

Higher

FRDS PWS WA5377138 1/2 - 1 Mile

TC5293227.2s Page A-9

Epa region: 10 State: WA

Pwsid: WA5377138

Pwsname: SEATTLE YACHT CLUB - HENRY ISLAND

City served:Not ReportedState served:WAZip served:Not ReportedFips county:53055Status:ActivePop srvd:98

Pwssvcconn:11Source:Surface_waterPws type:TNCWSOwner:Private

Contact: Marcia Plows

Contactor gname: SEATTLE YACHT CLUB - HENRY ISLAND

Contact phone: Not Reported Contact address1: PO Box 4433
Contact address2: Not Reported Contact city: Roche Harbor
Contact state: WA Contact zip: 98250

Activity code: A

Facid: 3282

Facname: Seawater Source

Facility type: Treatment_plant Activity code: A

Treatment obj: disinfection Treatment process: hypochlorination, post Treatment obj: inorganics removal Treatment process: reverse osmosis
Treatment obj: particulate removal Treatment process: filtration, pressure sand

Location Information:

Name: SEATTLE YACHT CLUB - HENRY ISLAND

Pwstypcd: TNCWS Primsrccd: SW

Popserved: 98

Add1: PO BOX 4433 Add2: Not Reported

City: ROCHE HARBOR State: WA

Zip:98250Phone:Not ReportedCityserv:Not ReportedCntyserv:San JuanStateserv:WAZipserv:Not Reported

Enforcement Information:

Violation id: 0666794 Orig cd: S

Enf fy: 2007 Enf act date: 01/01/2007 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 0666794 Orig cd: S

Enf fy: 2007 Enf act date: 01/01/2007 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 0666794 Orig cd: S

Enf fy:2007Enf act date:06/19/2007Enf act detail:St Compliance achievedEnf act cat:Resolving

Enforcement Information:

Violation id: 0666794 Orig cd: S

Enf fy: 2007 Enf act date: 06/19/2007 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 0666794 Orig cd: S

Enf fy:2007Enf act date:06/19/2007Enf act detail:St Compliance achievedEnf act cat:Resolving

Enforcement Information:

Violation id: 0052760 Orig cd: S

Enf fy: 2000 Enf act date: 02/29/2000 Enf act detail: St Violation/Reminder Notice Enf act cat: Informal

Violations Information:

 Violation id:
 0666794
 Orig cd:
 S

 State:
 WA
 Viol fy:
 2006

Contamcd: 1040 Contamnm: Nitrate Viol code: 03

Viol name: Monitoring, Regular

Rule code: 331 Rule name: Nitrates

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:01/01/2006

Cmpedt: 12/31/2006

Violations Information:

 Violation id:
 0666388
 Orig cd:
 S

 State:
 WA
 Viol fy:
 2006

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 23

Viol name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:11/01/2006

Cmpedt: 11/30/2006

Violations Information:

 Violation id:
 0635130
 Orig cd:
 S

 State:
 WA
 Viol fy:
 2006

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 23

Viol name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:07/01/2006

Cmpedt: 07/31/2006

Violations Information:

 Violation id:
 0572806
 Orig cd:
 S

 State:
 WA
 Viol fy:
 2005

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 23

Viol name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR

Violmeasur: Not Reported Unitmeasur: Not Reported

State mcl: Not Reported Cmpbdt: 05/01/2005

Cmpedt: 05/31/2005

Violations Information:

 Violation id:
 0525941
 Orig cd:
 S

 State:
 WA
 Viol fy:
 2005

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 23

Viol name: Monitoring, Routine Major (TCR)

Rule code: 110

Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:11/01/2005

Cmpedt: 11/30/2005

Violations Information:

 Violation id:
 0052760
 Orig cd:
 S

 State:
 WA
 Viol fy:
 2000

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 23

Viol name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR

Violmeasur:0Unitmeasur:Not ReportedState mcl:0Cmpbdt:02/01/2000

Cmpedt: 02/29/2000

PWS ID: WA5377138

Date Initiated: Not Reported Date Deactivated: Not Reported

PWS Name: SEATTLE YACHT CLUB - HENRY ISLAND

ROCHE HARBOR, WA 98250

Addressee / Facility: Not Reported

Facility Latitude: 47 37 54 Facility Longitude: 122 17 12 City Served: Not Reported

Treatment Class: Treated Population: 00000025

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate: 03/31/2009 Pwsid: WA5377138

Pwsname: SEATTLE YACHT CLUB - HENRY ISLAND

Retpopsrvd: 63 Pwstypecod: NC

Vioid: 0052760 Contaminant: COLIFORM (TCR)

Viol. Type: Monitoring, Routine Major (TCR)

Complperbe: 2/1/2000 0:00:00

Complperen: 2/29/2000 0:00:00 Enfdate: 2/29/2000 0:00:00

Enf action: State Violation/Reminder Notice

Violmeasur: 0

Truedate: 03/31/2009 Pwsid: WA5377138

Pwsname: SEATTLE YACHT CLUB - HENRY ISLAND

Retpopsrvd: 63 Pwstypecod: NC

Vioid: 0525941 Contaminant: COLIFORM (TCR)

Viol. Type: Monitoring, Routine Major (TCR)

Complperbe: 11/1/2005 0:00:00

Compleren: 11/30/2005 0:00:00 Enfdate: No Enf Action as of

Enf action: 7/8/2009 0:00:00 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: WA5377138

Pwsname: SEATTLE YACHT CLUB - HENRY ISLAND

Retpopsrvd: 63 Pwstypecod: NC

Vioid: 0572806 Contaminant: COLIFORM (TCR)

Viol. Type: Monitoring, Routine Major (TCR)
Complerbe: 5/1/2005 0:00:00

Complperbe: 5/1/2005 0:00:00 Enfdate: No Enf Action as of

Enf action: 7/8/2009 0:00:00
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: WA5377138

Pwsname: SEATTLE YACHT CLUB - HENRY ISLAND

Retpopsrvd: 63 Pwstypecod: NC

Vioid: 0635130 Contaminant: COLIFORM (TCR)

Viol. Type: Monitoring, Routine Major (TCR)

Complperbe: 7/1/2006 0:00:00

Complperen: 7/31/2006 0:00:00 Enfdate: No Enf Action as of

Enf action: 7/8/2009 0:00:00
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: WA5377138

Pwsname: SEATTLE YACHT CLUB - HENRY ISLAND

Retpopsrvd: 63 Pwstypecod: NC

Vioid: 0666388 Contaminant: COLIFORM (TCR)

Viol. Type: Monitoring, Routine Major (TCR)

Complperbe: 11/1/2006 0:00:00

Compleren: 11/30/2006 0:00:00 Enfdate: No Enf Action as of

Enf action: 7/8/2009 0:00:00
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: WA5377138

Pwsname: SEATTLE YACHT CLUB - HENRY ISLAND

Retpopsrvd: 63 Pwstypecod: NC Vioid: 0666794 Contaminant: NITRATE

Viol. Type: 3

Complperbe: 1/1/2006 0:00:00

Compleren: 12/31/2006 0:00:00 Enfdate: 6/19/2007 0:00:00

Enf action: State Compliance Achieved

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: WA5377138

Pwsname: SEATTLE YACHT CLUB - HENRY ISLAND

Retpopsrvd: 63 Pwstypecod: NC

Vioid: 0794039 Contaminant: COLIFORM (TCR)

Viol. Type: Monitoring, Routine Major (TCR)

Complerbe: 11/1/2007 0:00:00

Complperen: 11/30/2007 0:00:00 Enfdate: No Enf Action as of

Enf action: 7/8/2009 0:00:00 Violmeasur: Not Reported

ENFORCEMENT INFORMATION:

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 2/1/2000 0:00:00 - 2/29/2000 0:00:00

Violation ID: 0052760

Enforcement Date: 2/29/2000 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 02/01/00 - 02/29/00

Violation ID: 0052760

Enforcement Date: 02/29/00 Enf. Action: State Violation/Reminder Notice

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 11/1/2005 0:00:00 - 11/30/2005 0:00:00

Violation ID: 0525941

Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 11/1/2005 0:00:00 - 11/30/2005 0:00:00

Violation ID: 0525941

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 5/1/2005 0:00:00 - 5/31/2005 0:00:00

Violation ID: 0572806

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 5/1/2005 0:00:00 - 5/31/2005 0:00:00

Violation ID: 0572806

Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 7/1/2006 0:00:00 - 7/31/2006 0:00:00

Violation ID: 0635130

Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 11/1/2006 0:00:00 - 11/30/2006 0:00:00

Violation ID: 0666388

Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: SEATTLE YACHT CLUB - HENRY ISLAND

Violation Type: 3

Contaminant: NITRATE

Compliance Period: 1/1/2006 0:00:00 - 12/31/2006 0:00:00

Violation ID: 0666794

Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

ENFORCEMENT INFORMATION:

System Name: SEATTLE YACHT CLUB - HENRY Violation Type: Monitoring, Repeat Major (TCR)

Contaminant: COLIFORM (TCR) Compliance Period: 1995-05-01 - 1995-05-31

Violation ID: 9550381

Enforcement Date: 1995-05-31 Enf. Action: State Violation/Reminder Notice

CONTACT INFORMATION:

Name: SEATTLE YACHT CLUB - HENRY ISLANDopulation:

Not Reported Contact: Dick & Marcia Plows Phone:

Address: PO Box 4433 Address 2: Roche Harbor WA, 98

Site ID: 375146 **AQUIFLOW** 61049

NNW Groundwater Flow: ΝE 1/2 - 1 Mile

Shallowest Water Table Depth: 37 Higher Deepest Water Table Depth: 46

> Average Water Table Depth: Not Reported Date: 06/04/1997

FED USGS USGS40001262337 SSW

1/2 - 1 Mile Higher

> Org. Identifier: **USGS-WA**

USGS Washington Water Science Center Formal name:

USGS-473333122180701 Monloc Identifier:

Monloc name: 25N/04E-21C01

Monloc type: Well

Monloc desc: Not Reported

Huc code: 17110012 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported 47.6278762 Contrib drainagearea units: Not Reported Latitude: Longitude: -122.304848 Sourcemap scale: 24000 Horiz Acc measure: 5 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

40 Horiz coord refsys: NAD83 Vert measure val: Vert measure units: feet Vertacc measure val: 25

Vert accmeasure units: feet

Interpolated from topographic map Vertcollection method:

Vert coord refsys: NGVD29 US Countrycode:

Aquifername: Not Reported Formation type: Not Reported Not Reported Aquifer type:

Construction date: 19630116 Welldepth: 775

Welldepth units: Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 1

Feet below Feet to Surface Sealevel

1963-04-01 15

Date

Lower

1G Site ID: 375146 NNW Groundwater Flow: NE

1/2 - 1 Mile Shallowest Water Table Depth: 37 Lower Deepest Water Table Depth: 46

Average Water Table Depth: Not Reported Date: 06/04/1997

2G NW Site ID: 2726 **AQUIFLOW** 61135 Groundwater Flow: SW

1/4 - 1/2 Mile Shallowest Water Table Depth: Not Reported Lower Deepest Water Table Depth: Not Reported

Average Water Table Depth: Date: 06/01/1992

3G SW Site ID: 403485 **AQUIFLOW** 61315 Groundwater Flow: NNW 1/4 - 1/2 Mile Shallowest Water Table Depth: 3.58

Deepest Water Table Depth: 13.20 Average Water Table Depth: Not Reported Date: 01/22/1998

AQUIFLOW

61049

AREA RADON INFORMATION

Federal EPA Radon Zone for KING County: 3

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 KING COUNTY, WA

Number of sites tested: 106

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.334 pCi/L	99%	1%	0%
Living Area - 2nd Floor	0.800 pCi/L	100%	0%	0%
Basement	0.538 pCi/L	97%	3%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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^R 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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Interviews and Records Requests

Interview Documentation

Property Owner – Washington Department of Transportation Mr. Gil Gurule, ROW and Utility Lead

Phone: (206) 770-3645

Contacted by phone on May 21, 2018, by Ms. Karen Campbell

Seattle Fire Marshal's Office Ms. Nancy Sherman, Administrative Assistant

Phone: (206) 386-1450

Website: http://www.seattle.gov/public-records/public-records-request-center PRR submitted via online form on May 14, 2018, by Ms. Karen Campbell

No response received as of the date of this report.

Site Name Portage Bay ws Dot Site Owner Gil Gurle, 120W and Utility Lead Person Completing Form Karen Campbell Position with Company Contact Number/Email (206) 770-3645	
Date (m/d/yyyy) S121/ZOR 3:43pm 1. Parent Parcel History A. How long have you owned the property ~ M61 B. Who was the previous owner Swillands owned by State C. Are there any buildings on the property no permanent, Just trailer D. What year were they built N/A E. What was there before the building(s) were built? W developed riphian F. Where are the buildings in relationship to the tower? N/A 2. Petroleum Products Use on the Parent Parcel	j)
A. Are there any petroleum products (oil, gas, and diesel) stored, dispensed, or used on the property presently? Not that I am awale of, wot storage tank, drums, etc)? What type of storage containers are used (e.g., underground storage tank, drums, etc)? What I know of the past? What I know of the past? What I know of the past? What type of storage containers were used (e.g., underground storage tank, drums, etc.)? N/A E. If underground storage tanks or aboveground storage tanks are/were present, when was/were the tank/tanks installed? W/A F. Were underground or aboveground storage tank(s) removed and if so, when? N/A G. If underground storage tanks were removed, was a closure assessment conducted at the time the tanks were removed?	J
 3. Non-petroleum Underground or Aboveground Storage Tanks Used on Parent Parcel: A. Are there any present or historical underground or aboveground storage tanks on the property? D. B. Type: Underground Aboveground Further Details C. If yes, what are the contents? D. When was/were the tanks installed? E. Were any leaks reported? F. If historical, when was/were the tank/tanks removed? 	
 4. Hazardous Material Used on the Parent Parcel: A. Are any hazardous materials (toxic waste, used oil, herbicides, pesticides, etc.) stored or disposed of on the property? NO, but Some Otoled to N in DOT facilities 	

- B. If yes, can you elaborate on types of hazardous materials, storage, use and disposal? (i.e. drums) ASK-ING WODOT HOZ MOH deft.

 C. If yes, can you elaborate on types of hazardous materials, storage, use and disposal? (i.e. D. Have there ever been any spills on the property? () E. Are records of disposal of hazardous wastes kept? N 5. Waste Disposal on Parent Parcel: A. Are any dump sites present on property? MUNICIPAL + (OSh Selvices, No dump sites B. If yes, what types of materials are disposed of? C. How long have the sites been in use? D. Where on the property is dumpsite (e.g., a gulley on the northern portion of the property was used for dumping household waste until the 1980[s or old appliances have been disposed of in the woods approximately 100 feet northwest of the tower)? E. How is solid waste generated on the site disposed of? MUN! Cloal Selvas 6. Propane Gas/ Heating Oil Use on Parent Parcel A. Is propane gas or heating oil provided to the property? () B. If yes, where is it stored and who delivers (how obtained)? 1/1/4 7. Utilities Provided to Parent Parcel: A. How are drinking water and sewer services provided to the property? MUNICIPAL B. Is there a septic tank on property? NO C. Are there any wells on the property? NO D. Has there ever been any testing conducted on the well water? N/A E. Who provides electricity to the property? PGBE 8. Prior Environmental Studies of Parent Parcel: A. Have there ever been any previous environmental studies conducted on the site (Phase I ESAs, Asbestos testing, Lead testing, etc.)? NO, NOT QUARE of any B. If yes, were there any concerns identified? C. If yes, what were the concerns? D. When and who performed the study? E. May we have a copy of the report(s)? 9. Neighboring properties A. Are there any environmental concerns from neighboring properties (e.g., tanks, leaks, spills, etc)? Historically a landfill to the north (Miller Street)

 over Information
- 10. Other Information
 - A. Is there other relevant information concerning environmental issues that you would like to share?

C027645-051418 - Fire Marshal's Office - Underground Tanks; NOVs;

Message History (3)

011 3/17

On 5/17/2018 9:42:54 AM, City of Seattle Public Records Request Center wrote:

05/17/2018

Dear Karen Campbell,

This acknowledges receipt of your public disclosure request C027645-051418 received on May 14, 2018 regarding:

Decommissioned Underground Storage Tanks | Hazmat Permit Face - Cancelled | Hazmat Permit Face - Open | Notices of Violation - Closed | Notices of Violation - Open | Spills / Releases (land only) |

2500 Lake Washington Blvd E

WSDOT Peninsula

Pursuant to RCW 42.56.520, this is notification that the City of Seattle has received your public disclosure request and needs additional time to respond. At this time, the City anticipates that it will be able to provide the requested records or a first installment of records on or about **June 29, 2018.**

Sincerely,
Nancy Sherman
Administrative Specialist
Fire Marshals Office
206-386-1450



User Questionnaire



ASTM PHASE I E 1527-05 USER QUESTIONNAIRE

Property: PORTAGE BAY – 2508 Lake Washington Boulevard East, Seattle, WA 98112

As the User of a Phase I Environmental Assessment, you are required to answer the following questions about the Property to the best of your knowledge. (Please insert space as needed.)

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state of local law? *Not to my knowledge*

2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.28).

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? *Not to my knowledge*

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? *Not to my knowledge*

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? *Not to my knowledge*

5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

- a. Do you know the past uses of the property? Cell tower
- b. Do you know of specific chemicals that are present or once were present at the property? Not to my knowledge
- c. Do you know of spills or other chemical releases that have taken place at the property? Not to my knowledge
- d. Do you know of any environmental cleanups that have taken place at the property? Not to my knowledge
- 6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.21).

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? *Not to my knowledge*

User Questionnaire Provided by: **Crown Castle**

Title Report

N/A

Special Scope of Work or Contractual Conditions between User and Environmental Professional

N/A

Qualification(s) of the Environmental Professional(s) and Others



RICHARD MORDINI

SENIOR PROJECT SCIENTIST II

Education

B.S. Environmental Biology emphasis in Criminal Justice Blackburn College / Carlinville, IL

Areas of Expertise

Mr. Mordini has 8 years of experience performing site inspections and conducting environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM), and performing Indoor Air Quality (IAQ) assessments for a variety of projects, as well as National Environmental Policy Act (NEPA) reviews for wireless telecommunications projects specializing in work within the Western Region.

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments

Phase II Environmental Site Assessments

Field Reconnaissance Land Use History

Historical City Directories

Indoor Air Quality Assessments

Asbestos Inspections

Environmental Evaluation Summaries

Flood Insurance Rate Maps

Soil Characterization

Mold and Lead-Based Paint Surveys

Historical Topographic Maps and Aerial Imagery

National Wetlands Inventory Maps

Critical Habitat Maps

Preliminary Risk Assessments

Section 106 Compliance

NEPA Environmental Assessments

Form 620/621 Submittals

Local Government Consultation

Migratory Bird Evaluations Native American Consultation

Archaeological and Architectural Impacts

Additionally, Mr. Mordini has experience performing Phase I and Phase II Environmental Site Assessments for various types of properties including commercial, industrial, agricultural, and residential properties.

Certifications/Affiliations

OSHA 40-Hour HAZWOPER

38-hour Army Corps of Engineers Wetland Delineation Training Program

ANSI/FCC RF Radiation Safety Competent Person

Environmental Professional (EP) as defined by ASTM Standard E1527-13 (AAI)

Certified AHERA Asbestos Building Inspector – WA (License #154601)

Certified Lead Based Paint Inspector –EPA (License # LBP-I-I162196-1), WA (License #6701)



KAREN E. CAMPBELL

Assistant Project Manager

Education

B.S. Environmental Scientist with an Emphasis in Soil Science Brigham Young University / Provo, UT

Areas of Expertise

Ms. Campbell has experience performing site inspections and conducting environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM).

Ms. Campbell has experience executing environmental due diligence projects throughout various regions of the United States, and specializes in the Western Regions.

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments
Phase II Environmental Site Assessments
Historical City Directories
Indoor Air Quality Assessments
Asbestos Inspections
Environmental Evaluation Summaries
National Wetlands Inventory Maps
Soil Characterization

Field Reconnaissance
Historical Topographic Maps and Aerial Imagery
Land Use History
Preliminary Risk Assessments
Migratory Bird Evaluations
Flood Insurance Rate Maps
Lead-Based Paint Surveys

Additionally, Ms. Campbell has conducted Phase I Environmental Site Assessments for various property types, including commercial, industrial, agricultural, and residential properties.

Ms. Campbell worked for two years within the Brigham Young University Environmental Analytical Lab as a research assistant conducting soil sampling and various geotechnical soil analysis.

Certifications/Affiliations

OSHA 40-Hour HAZWOPER

Certified Asbestos Building Inspector (License #CA-089-05)
ANSI/FCC RF Radiation Safety Competent Person
Salt River Pima-Maricopa Indian Community Cultural Sensitivity Training
Adult Child Infant CARE CPR & First Aid Certification
Certified Lead Renovator (Certificate #R-I-08846-16-04199)



ANDREW FOREMAN

GROUP MANAGER

Education

M.S. Geospatial Sciences in Geography and Geology Missouri State University / Springfield, MO

B.S. Physical Geography (First Class w/ hons) Liverpool John Moores University / Liverpool, England

Areas of Expertise

Mr. Foreman has experience with the investigation and management of environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM), as well as National Environmental Policy Act (NEPA) and environmental permitting projects. Mr. Foreman operates as the primary point-of-contact for clients over a large geography, specializing within the Midwest of the United States.

Environmental service expertise includes:

Environmental Site Assessments
Soil and Groundwater Management Plans
Environmental Evaluation Summaries
Indoor Air Quality Assessments
Asbestos Inspections
DAS In-Building Limited Site Inspections
CERCLA Liability
Mold and Lead-Based Paint Surveys
FCC Regulatory Compliance
Vendor Management

Small Cell Solutions
NEPA Environmental Assessments
Critical Habitat and Species Review
Migratory Bird Evaluations
Nationwide Programmatic Agreement Review
Groundwater Well Installation and Monitoring
Property Condition Assessments
Underground Storage Tank Assessment/Removal
Construction Environmental Oversight
Soil Characterization

Additionally, Mr. Foreman has experience with water quality and habitat loss research, and a thorough understanding of topographic analysis, fluvial dynamics, and flood hydrology.

Certifications/Affiliations

OSHA 40-Hour HAZWOPER ANSI/FCC RF Radiation Safety Competent Person and Certified Trainer



JARRED SCHMIDT

ASSISTANT PROJECT MANAGER II

Education

B.S. Geology Missouri State University / Springfield, MO

Areas of Expertise

Mr. Schmidt has experience in environmental engineering and consulting, with particular emphasis in commercial properties. Mr. Schmidt specializes in performing Phase I ESA, Phase II ESA, IAQ Assessments, ACM Building Inspections, and UST management activities.

Mr. Schmidt operates as the primary point-of-contact for commercial clients over a large geography.

Environmental service expertise includes:

Phase I Environmental Site Assessments Phase II Environmental Site Assessments Indoor Air Quality Assessments Asbestos Building Inspections Underground Storage Tank Closures Site Characterization and Investigations Risk Based Corrective Action

Certifications/Affiliations

OSHA 40-Hour HAZWOPER
Missouri Licensed Monitoring Well Installer
Certified Asbestos Building Inspector – Missouri and Illinois
Environmental Professional (EP) as defined by ASTM Standard E1527-13 (AAI)
Association of Environmental and Engineering Geologists

Exhibit 6 Radio Frequency Evaluation



Crown Castle
Site ID – Relo of 880324
Assessment Purpose – Site
Relocation
Site Name – Relo of PORTAGE
BAY
Site Compliance Report

2508 Lake Washington Blvd E Seattle, WA 98112

Latitude: N47-38-29.50 Longitude: W122-17-53.85 Structure Type: Monopole

Report generated date: May 30, 2018

Report by: Sam Cosgrove

Customer Contact: Kasheik McGee

The Facility is compliant based on FCC Rules and Regulations.

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Crown Castle Relo of PORTAGE BAY-880324 Radio Frequency (RF) Site Compliance Report



2508 Lake Washington Blvd E, Seattle, WA 98112



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1 Executive Summary

Crown Castle has contracted with Sitesafe, LLC. (Sitesafe), an independent Radio Frequency (RF) regulatory and engineering consulting firm, to determine whether the proposed communications site, Relo of 880324 - PORTAGE BAY, located at 2508 Lake Washington Blvd E, SEATTLE,, WA, is in compliance with Federal Communication Commission (FCC) Rules and Regulations for RF emissions.

This report contains a detailed summary of the RF environment at the site including:

- Diagram of the site
- Inventory of the make / model of all antennas
- Theoretical MPE based on modeling

This report addresses exposure to radio frequency electromagnetic fields in accordance with the FCC Rules and Regulations for all individuals, classified in two groups, "Occupational or Controlled" and "General Public or Uncontrolled."

The facility is compliant with the FCC rules and regulations, as described in OET Bulletin 65.

Crown Castle proposes a new site build. The proposed antennas are noted as "proposed" in the antenna table under section 6.

This document and the conclusions herein are based on the information provided by Crown Castle.

If you have any questions regarding RF safety and regulatory compliance, please do not hesitate to contact Sitesafe's Customer Support Department at (703) 276-1100.



2 Regulatory Basis

2.1 FCC Rules and Regulations

In 1996, the Federal Communications Commission (FCC) adopted regulations for the evaluating of the effects of RF emissions in 47 CFR § 1.1307 and 1.1310. The guideline from the FCC Office of Engineering and Technology is Bulletin 65 ("OET Bulletin 65"), Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields, Edition 97-01, published August 1997. Since 1996 the FCC periodically reviews these rules and regulations as per their congressional mandate.

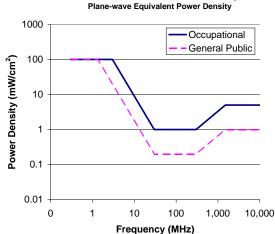
FCC regulations define two separate tiers of exposure limits: Occupational or "Controlled environment" and General Public or "Uncontrolled environment". The General Public limits are generally five times more conservative or restrictive than the Occupational limit. These limits apply to accessible areas where workers or the general public may be exposed to Radio Frequency (RF) electromagnetic fields.

Occupational or Controlled limits apply in situations in which persons are exposed as a consequence of their employment and where those persons exposed have been made fully aware of the potential for exposure and can exercise control over their exposure.

An area is considered a Controlled environment when access is limited to these aware personnel. Typical criteria are restricted access (i.e. locked or alarmed doors, barriers, etc.) to the areas where antennas are located coupled with proper RF warning signage. A site with Controlled environments is evaluated with Occupational limits.

All other areas are considered Uncontrolled environments. If a site has no access controls or no RF warning signage it is evaluated with General Public limits.

The theoretical modeling of the RF electromagnetic fields has been performed in accordance with OET Bulletin 65. The Maximum Permissible Exposure (MPE) limits utilized in this analysis are outlined in the following diagram:



FCC Limits for Maximum Permissible Exposure (MPE)



Limits for Occupational/Controlled Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500			f/300	6
1500-			5	6
100,000				

Limits for General Population/Uncontrolled Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-			1.0	30
100,000				

f = frequency in MHz

2.2 OSHA Statement

The General Duty clause of the OSHA Act (Section 5) outlines the occupational safety and health responsibilities of the employer and employee. The General Duty clause in Section 5 states:

- (a) Each employer -
 - (1) shall furnish to each of his employees employment and a place of employment which are free from recognized hazards that are causing or are likely to cause death or serious physical harm to his employees;
 - (2) shall comply with occupational safety and health standards promulgated under this Act.
- (b) Each employee shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to his own actions and conduct.

OSHA has defined Radiofrequency and Microwave Radiation safety standards for workers who may enter hazardous RF areas. Regulation Standards 29 CFR § 1910.147 identify a generic Lock Out Tag Out procedure aimed to control the unexpected energization or start up of machines when maintenance or service is being performed.

^{*}Plane-wave equivalent power density



3 Site Compliance

3.1 Site Compliance Statement

Upon evaluation of the cumulative RF emission levels from all operators at this site, Sitesafe has determined that:

The facility is compliant with the FCC rules and regulations, as described in OET Bulletin 65.

The compliance determination is based on theoretical modeling, RF signage placement recommendations, proposed antenna inventory and the level of restricted access to the antennas at the site. Any deviation from the Sprint proposed deployment plan could result in the site being rendered non-compliant.

3.2 Actions for Site Compliance

Based on common industry practice and our understanding of FCC and OSHA requirements, this section provides a statement of recommendations for site compliance. RF alert signage recommendations have been proposed based on theoretical analysis of MPE levels. Barriers can consist of locked doors, fencing, railing, rope, chain, paint striping or tape, combined with RF alert signage.

This facility is compliant with the FCC rules and regulations:



4 Safety Plan and Procedures

The following items are general safety recommendations that should be administered on a site by site basis as needed by the carrier.

<u>General Maintenance Work</u>: Any maintenance personnel required to work immediately in front of antennas and / or in areas indicated as above 100% of the Occupational MPE limits should coordinate with the wireless operators to disable transmitters during their work activities.

<u>Training and Qualification Verification:</u> All personnel accessing areas indicated as exceeding the General Population MPE limits should have a basic understanding of EME awareness and RF Safety procedures when working around transmitting antennas. Awareness training increases a workers understanding to potential RF exposure scenarios. Awareness can be achieved in a number of ways (e.g. videos, formal classroom lecture or internet based courses).

<u>Physical Access Control:</u> Access restrictions to transmitting antennas locations is the primary element in a site safety plan. Examples of access restrictions are as follows:

- Locked door or gate
- Alarmed door
- Locked ladder access
- Restrictive Barrier at antenna (e.g. Chain link with posted RF Sign)

<u>RF Signage:</u> Everyone should obey all posted signs at all times. RF signs play an important role in properly warning a worker prior to entering into a potential RF Exposure area.

Assume all antennas are active: Due to the nature of telecommunications transmissions, an antenna transmits intermittently. Always assume an antenna is transmitting. Never stop in front of an antenna. If you have to pass by an antenna, move through as quickly and safely as possible thereby reducing any exposure to a minimum.

<u>Maintain a 3 foot clearance from all antennas:</u> There is a direct correlation between the strength of an EME field and the distance from the transmitting antenna. The further away from an antenna, the lower the corresponding EME field is.

Site RF Emissions Diagram: Section 5 of this report contains an RF Diagram that outlines various theoretical Maximum Permissible Exposure (MPE) areas at the site. The modeling is a worst case scenario assuming a duty cycle of 100% for each transmitting antenna at full power. This analysis is based on one of two access control criteria: General Public criteria means the access to the site is uncontrolled and anyone can gain access. Occupational criteria means the access is restricted and only properly trained individuals can gain access to the antenna locations.



5 Analysis

5.1 RF Emissions Diagram

The RF diagram(s) below display theoretical spatially averaged percentage of the Maximum Permissible Exposure for all systems at the site unless otherwise noted. These diagrams use modeling as prescribed in OET Bulletin 65 and assumptions detailed in Appendix B.

The key at the bottom of each diagram indicates if percentages displayed are referenced to FCC General Population Maximum Permissible Exposure (MPE) limits. Color coding on the diagram is as follows:

- Gray represents areas predicted to be at 5% of the MPE limits, or below.
- Green represents areas predicted to be between 5% and 100% of the MPE limits.
- Blue represents areas predicted to be between 100% and 500% of the MPE limits.
- Yellow represents areas predicted to be between 500% and 5000% of the MPE limits.
- Red areas indicated predicted levels greater than 5000% of the MPE limits.

The theoretical analysis identified the maximum predicted MPE levels on the ground to be:

Maximum Cumulative Theoretical General Public MPE level: 0.0%

Maximum Sprint Theoretical General Public or Uncontrolled MPE level: 0.0%

General Population diagrams are specified when an area is accessible to the public; i.e. personnel that do not meet Occupational or RF Safety trained criteria, could gain access.

If trained occupational personnel require access to areas that are delineated as **Blue** or above 100% of the limit, Sitesafe recommends that they utilize the proper personal protection equipment (RF monitors), coordinate with the carriers to reduce or shutdown power, or make real-time power density measurements with the appropriate power density meter to determine real-time MPE levels. This will allow the personnel to ensure that their work area is within exposure limits.

The key at the bottom also indicates the level or height of the modeling with respect to the main level. The origin is typically referenced to the main rooftop level, or ground level for a structure without access to the antenna level. For example:

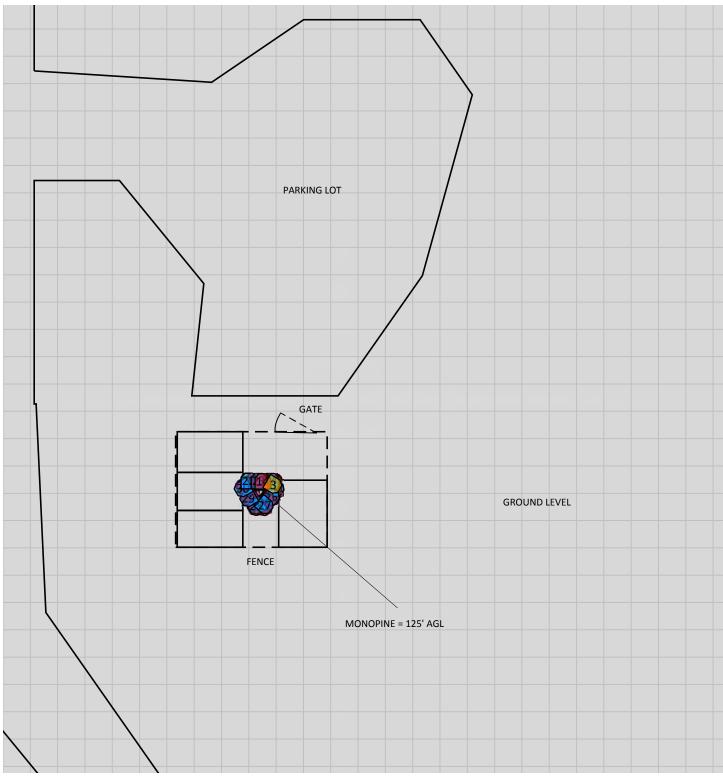
Average from 0 feet above to 6 feet above origin and Average from 20 feet above to 26 feet above origin

The first indicates modeling at the main rooftop (or ground) level averaged over 6 feet. The second indicates modeling at a higher level (possibly a penthouse level) of 20 feet averaged over 6 feet.

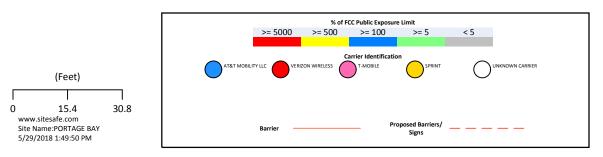
Abbreviations used in the RF Emissions Diagrams

PH=##' Penthouse at ## feet above main roof





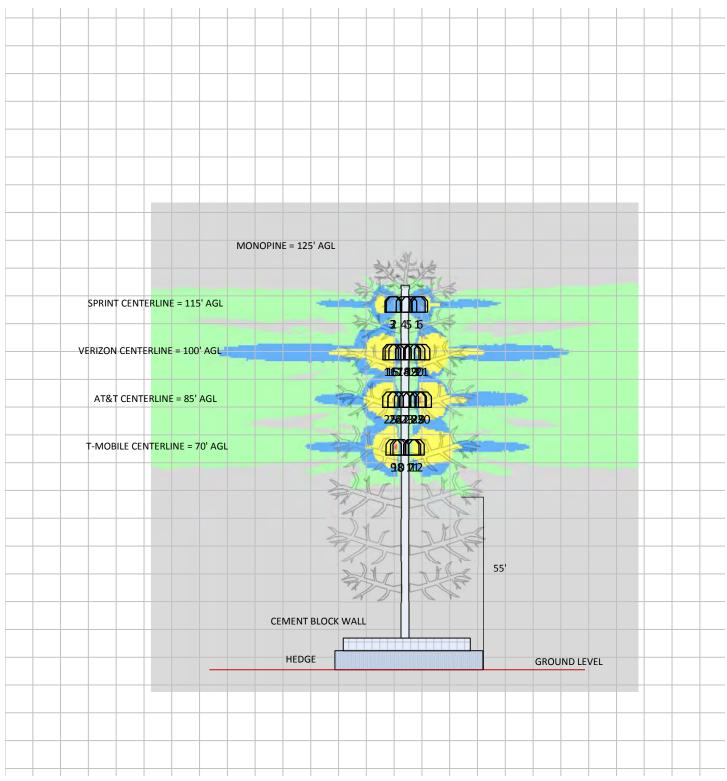
% of FCC Public Exposure Limit Spatial average 0' - 6'



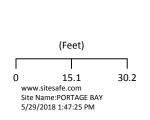


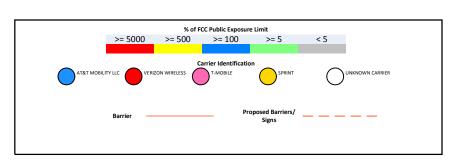
RF Exposure Simulation For: Relo of PORTAGE BAY Elevation View





% of FCC Public Exposure Limit





Sitesafe OET-65 Model Near Field Boundary: 1.5 * Aperture Reflection Factor: 1 Single Level (0)



6 Antenna Inventory

The Antenna Inventory shows all transmitting antennas at the site. This inventory was provided by the customer, and was utilized by Sitesafe to perform theoretical modeling of RF emissions. The inventory coincides with the site diagrams in this report, identifying each antenna's location at Relo of 880324 - PORTAGE BAY. The antenna information collected includes the following information:

- Licensee or wireless operator name
- Frequency or frequency band
- Transmitter power Effective Radiated Power ("ERP"), or Equivalent Isotropic Radiated Power ("EIRP") in Watts
- Antenna manufacturer make, model, and gain

For other carriers at this site, the use of "Generic" as an antenna model, or "Unknown" for an operator means the information with regard to carrier, their FCC license and/or antenna information was not available nor could it be secured while on site. Equipment, antenna models and nominal transmit power were used for modeling, based on past experience with radio service providers.



The following antenna inventory was provided by the customer and was utilized to create the site model diagrams:

				Table	3: Ante	enna Inv	entory										
Ant #	Operated By	Antenna Model	Ant Type	Len (ft)	TX Freq (MHz)	TECH	Az (Deg)	Antenna Gain (dBd)	Horizontal Half Power Beamwidth (Deg)	POWER	POWER TYPE	POWER UNITS	# of Trans	ERP (Watts)	Z (ff)	DT	EDT
1	SPRINT	Alpha Wireless AW3266 (Proposed)	Panel	4.7	2500	LTE	0	14.07	90	1600	ERP	Watt	1	1600	115	0	0
2	SPRINT	Samsung 64T64R (Proposed)	Panel	3.9	2500	LTE	0	14.36	64.07	1600	ERP	Watt	1	1600	115	0	0
3	SPRINT	RFS APXVBBLL15X_43-c-I20 (Proposed)	Panel	5.6	1900	LTE	120	15.66	59.7	60	TPO	Watt	1	2208.8	115	0	0
3	SPRINT	RFS APXVBBLL15X_43-c-I20 (Proposed)	Panel	5.6	1900	CDMA	120	15.66	59.7	60	TPO	Watt	1	2208.8	115	0	0
3	SPRINT	RFS APXVBBLL15X_43-c-I20 (Proposed)	Panel	5.6	862	LTE	120	12.06	61.8	40	TPO	Watt	1	642.8	115	0	0
4	SPRINT	Samsung 64T64R (Proposed)	Panel	3.9	2500	LTE	120	14.36	64.07	1600	ERP	Watt	1	1600	115	0	0
5	SPRINT	RFS APXVBBLL15X_43-c-I20 (Proposed)	Panel	5.6	1900	LTE	255	15.66	59.7	60	TPO	Watt	1	2208.8	115	0	0
5	SPRINT	RFS APXVBBLL15X_43-c-I20 (Proposed)	Panel	5.6	1900	CDMA	255	15.66	59.7	60	TPO	Watt	1	2208.8	115	0	0
5	SPRINT	RFS APXVBBLL15X_43-c-I20 (Proposed)	Panel	5.6	862	LTE	255	12.06	61.8	40	TPO	Watt	1	642.8	115	0	0
6	SPRINT	Samsung 64T64R (Proposed)	Panel	3.9	2500	LTE	255	14.36	64.07	1600	ERP	Watt	1	1600	115	0	0
7	T-MOBILE	Generic	Panel	4.6	2100	LTE	0	15.23	65	60	TPO	Watt	1	2000.6	70	0	0
7	T-MOBILE	Generic	Panel	4.6	1900	LTE	0	15.43	65	60	TPO	Watt	1	2094.8	70	0	0
8	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	700	LTE	0	12.72	63	60	TPO	Watt	1	1122.4	70	0	0
8	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	600	LTE	0	12.08	67	60	TPO	Watt	1	968.6	70	0	0
8	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	600	LTE	0	12.08	67	60	TPO	Watt	1	968.6	70	0	0
8	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	2100	UMTS	0	16.37	64	60	TPO	Watt	1	2601.1	70	0	0
8	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	1900	GSM	0	15.63	66	60	TPO	Watt	1	2193.6	70	0	0
9	T-MOBILE	Generic	Panel	4.6	2100	LTE	130	15.23	65	60	TPO	Watt	1	2000.6	70	0	0
9	T-MOBILE	Generic	Panel	4.6	1900	LTE	130	15.43	65	60	TPO	Watt	1	2094.8	70	0	0
10	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	700	LTE	130	12.72	63	60	TPO	Watt	1	1122.4	70	0	0
10	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	600	LTE	130	12.08	67	60	TPO	Watt	1	968.6	70	0	0
10	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	600	LTE	130	12.08	67	60	TPO	Watt	1	968.6	70	0	0
10	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	2100	UMTS	130	16.37	64	60	TPO	Watt	1	2601.1	70	0	0
10	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	1900	GSM	130	15.63	66	60	TPO	Watt	1	2193.6	70	0	0
11	T-MOBILE	Generic	Panel	4.6	2100	LTE	240	15.23	65	60	TPO	Watt	1	2000.6	70	0	0
11	T-MOBILE	Generic	Panel	4.6	1900	LTE	240	15.43	65	60	TPO	Watt	1	2094.8	70	0	0
12	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	700	LTE	240	12.72	63	60	TPO	Watt	1	1122.4	70	0	0



				Table	3: Ante	nna Inv	entory										
Ant #	Operated By	Antenna Model	Ant Type	Len (ff)	TX Freq (MHz)	TECH	Az (Deg)	Antenna Gain (dBd)	Horizontal Half Power Beamwidth (Deg)	POWER	POWER TYPE	POWER UNITS	# of Trans	ERP (Watts)	Z (ff)	DT	EDT
12	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	600	LTE	240	12.08	67	60	TPO	Watt	1	968.6	70	0	0
12	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	600	LTE	240	12.08	67	60	TPO	Watt	1	968.6	70	0	0
12	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	2100	UMTS	240	16.37	64	60	TPO	Watt	1	2601.1	70	0	0
12	T-MOBILE	Commscope FFHH-65C-R3	Panel	8	1900	GSM	240	15.63	66	60	TPO	Watt	1	2193.6	70	0	0
13	VERIZON WIRELESS	Antel BXA-80090-8CF	Panel	7.9	850	CDMA	0	14.01	90	160	TPO	Watt	1	4028.3	100	0	0
14	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	751	LTE	0	12.56	65	80	TPO	Watt	1	1442.4	100	0	2
14	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	1900	LTE	0	16.26	65	120	TPO	Watt	1	5072	100	0	0
15	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	850	LTE	0	13.43	65	160	TPO	Watt	1	3524.7	100	0	2
15	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	2100	LTE	0	15.53	65	120	TPO	Watt	1	4287.3	100	0	0
16	VERIZON WIRELESS	Antel BXA-80090-8CF	Panel	7.9	850	CDMA	100	14.01	90	160	TPO	Watt	1	4028.3	100	0	0
17	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	751	LTE	100	12.56	65	80	TPO	Watt	1	1442.4	100	0	2
17	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	1900	LTE	100	16.26	65	120	TPO	Watt	1	5072	100	0	0
18	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	850	LTE	100	13.43	65	160	TPO	Watt	1	3524.7	100	0	2
18	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	2100	LTE	100	15.53	65	120	TPO	Watt	1	4287.3	100	0	0
19	VERIZON WIRELESS	Antel BXA-80090-8CF	Panel	7.9	850	CDMA	240	14.01	90	160	TPO	Watt	1	4028.3	100	0	0
20	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	751	LTE	240	12.56	65	80	TPO	Watt	1	1442.4	100	0	2
20	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	1900	LTE	240	16.26	65	120	TPO	Watt	1	5072	100	0	0
21	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	850	LTE	240	13.43	65	160	TPO	Watt	1	3524.7	100	0	2
21	VERIZON WIRELESS	Generic 6 Ft./65 Deg.	Panel	6.3	2100	LTE	240	15.53	65	120	TPO	Watt	1	4287.3	100	0	0
22	AT&T MOBILITY LLC	Andrew SBNHH-1D65B	Panel	6.5	850	UMTS	0	12.58	66	80	TPO	Watt	1	1449.1	85	0	0
23	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	737	LTE	0	11.79	69	60	TPO	Watt	1	906	85	0	0
23	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	1900	LTE	0	14.2	60	60	TPO	Watt	1	1578.2	85	0	0
23	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	2100	AWS	0	14.11	60	60	TPO	Watt	1	1545.8	85	0	0
23	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	763	LTE	0	11.79	69	60	TPO	Watt	1	906	85	0	0
24	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	850	LTE	0	12.55	65	60	TPO	Watt	1	1079.3	85	0	0
24	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	2300	LTE	0	14.68	58	60	TPO	Watt	1	1762.6	85	0	0
25	AT&T MOBILITY LLC	Andrew SBNHH-1D65B	Panel	6.5	850	UMTS	130	12.58	66	80	TPO	Watt	1	1449.1	85	0	0
26	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	737	LTE	130	11.79	69	60	TPO	Watt	1	906	85	0	0



	Table 3: Antenna Inventory																
Ant #	Operated By	Antenna Model	Ant Type	Len (ft)	TX Freq (MHz)	TECH	Az (Deg)	Antenna Gain (dBd)	Horizontal Half Power Beamwidth (Deg)	POWER	POWER TYPE	POWER UNITS	# of Trans	ERP (Watts)	Z (ft)	DT	EDT
26	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	1900	LTE	130	14.2	60	60	TPO	Watt	1	1578.2	85	0	0
26	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	2100	AWS	130	14.11	60	60	TPO	Watt	1	1545.8	85	0	0
26	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	763	LTE	130	11.79	69	60	TPO	Watt	1	906	85	0	0
27	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	850	LTE	130	12.55	65	60	TPO	Watt	1	1079.3	85	0	0
27	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	2300	LTE	130	14.68	58	60	TPO	Watt	1	1762.6	85	0	0
28	AT&T MOBILITY LLC	Andrew SBNHH-1D65B	Panel	6.5	850	UMTS	240	12.58	66	80	TPO	Watt	1	1449.1	85	0	0
29	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	737	LTE	240	11.79	69	60	TPO	Watt	1	906	85	0	0
29	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	1900	LTE	240	14.2	60	60	TPO	Watt	1	1578.2	85	0	0
29	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	2100	AWS	240	14.11	60	60	TPO	Watt	1	1545.8	85	0	0
29	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	763	LTE	240	11.79	69	60	TPO	Watt	1	906	85	0	0
30	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	850	LTE	240	12.55	65	60	TPO	Watt	1	1079.3	85	0	0
30	AT&T MOBILITY LLC	Commscope NNH4-65B-R6	Panel	6	2300	LTE	240	14.68	58	60	TPO	Watt	1	1762.6	85	0	0

NOTE: Z indicates relative position of the antenna to the origin location on the site, displayed in the model results diagram. The Z reference indicates antenna height above the main site level unless otherwise indicated. ERP values provided by the client and used in the modeling may be greater than are currently deployed. For other carriers at this site the use of "Generic" as an antenna model or "Unknown" for a wireless operator means the information with regard to carrier, their FCC license and/or antenna information was not available nor could it be secured while on site. Equipment, antenna models and nominal transmit power were used for modeling, based on past experience with radio service providers.

SITESAFE AF BOMPLIANCE EXPERTS

7 Engineer Certification

The professional engineer whose seal appears on the cover of this document hereby certifies

and affirms:

That I am registered as a Professional Engineer in the jurisdiction indicated in the

professional engineering stamp on the cover of this document; and

That I am an employee of Sitesafe, LLC., in Vienna, Virginia, at which place the staff

and I provide RF compliance services to clients in the wireless communications

industry; and

That I am thoroughly familiar with the Rules and Regulations of the Federal

Communications Commission (FCC) as well as the regulations of the Occupational

Safety and Health Administration (OSHA), both in general and specifically as they

apply to the FCC Guidelines for Human Exposure to Radio-frequency Radiation; and

That I have thoroughly reviewed this Site Compliance Report and believe it to be true

and accurate to the best of my knowledge as assembled by and attested to by Sam

Cosgrove.

May 30, 2018



Appendix A – Statement of Limiting Conditions

Sitesafe will not be responsible for matters of a legal nature that affect the site or property.

Due to the complexity of some wireless sites, Sitesafe performed this analysis and created this report utilizing best industry practices and due diligence. Sitesafe cannot be held accountable or responsible for anomalies or discrepancies due to actual site conditions (i.e., mislabeling of antennas or equipment, inaccessible cable runs, inaccessible antennas or equipment, etc.) or information or data supplied by Crown Castle, the site manager, or their affiliates, subcontractors or assigns.

Sitesafe has provided computer generated model(s) in this Site Compliance Report to show approximate dimensions of the site, and the model is included to assist the reader of the compliance report to visualize the site area, and to provide supporting documentation for Sitesafe's recommendations.

Sitesafe may note in the Site Compliance Report any adverse physical conditions, such as needed repairs, observed during the survey of the subject property or that Sitesafe became aware of during the normal research involved in performing this survey. Sitesafe will not be responsible for any such conditions that do exist or for any engineering or testing that might be required to discover whether such conditions exist. Because Sitesafe is not an expert in the field of mechanical engineering or building maintenance, the Site Compliance Report must not be considered a structural or physical engineering report.

Sitesafe obtained information used in this Site Compliance Report from sources that Sitesafe considers reliable and believes them to be true and correct. Sitesafe does not assume any responsibility for the accuracy of such items that were furnished by other parties. When conflicts in information occur between data provided by a second party and physical data collected by Sitesafe, the physical data will be used.



Appendix B – Assumptions and Definitions

General Model Assumptions

In this site compliance report, it is assumed that all antennas are operating at **full power at all times**. Software modeling was performed for all transmitting antennas located on the site. Sitesafe has further assumed a 100% duty cycle and maximum radiated power.

The site has been modeled with these assumptions to show the maximum RF energy density. Sitesafe believes this to be a worst-case analysis, based on best available data. Areas modeled to predict emissions greater than 100% of the applicable MPE level may not actually occur, but are shown as a worst-case prediction that could be realized real time. Sitesafe believes these areas to be safe for entry by occupationally trained personnel utilizing appropriate personal protective equipment (in most cases, a personal monitor).

Thus, at any time, if power density measurements were made, we believe the real-time measurements would indicate levels below those depicted in the RF emission diagram(s) in this report. By modeling in this way, Sitesafe has conservatively shown exclusion areas – areas that should not be entered without the use of a personal monitor, carriers reducing power, or performing real-time measurements to indicate real-time exposure levels.

Use of Generic Antennas

For the purposes of this report, the use of "Generic" as an antenna model, or "Unknown" for an operator means the information about a carrier, their FCC license and/or antenna information was not provided and could not be obtained while on site. In the event of unknown information, Sitesafe will use our industry specific knowledge of equipment, antenna models, and transmit power to model the site. If more specific information can be obtained for the unknown measurement criteria, Sitesafe recommends remodeling of the site utilizing the more complete and accurate data. Information about similar facilities is used when the service is identified and associated with a particular antenna. If no information is available regarding the transmitting service associated with an unidentified antenna, using the antenna manufacturer's published data regarding the antenna's physical characteristics makes more conservative assumptions.

Where the frequency is unknown, Sitesafe uses the closest frequency in the antenna's range that corresponds to the highest Maximum Permissible Exposure (MPE), resulting in a conservative analysis.



Definitions

5% Rule – The rules adopted by the FCC specify that, in general, at multiple transmitter sites actions necessary to bring the area into compliance with the guidelines are the shared responsibility of all licensees whose transmitters produce field strengths or power density levels at the area in question in excess of 5% of the exposure limits. In other words, any wireless operator that contributes 5% or greater of the MPE limit in an area that is identified to be greater than 100% of the MPE limit is responsible taking corrective actions to bring the site into compliance.

Compliance – The determination of whether a site is safe or not with regards to Human Exposure to Radio Frequency Radiation from transmitting antennas.

Decibel (dB) – A unit for measuring power or strength of a signal.

Duty Cycle – The percent of pulse duration to the pulse period of a periodic pulse train. Also, may be a measure of the temporal transmission characteristic of an intermittently transmitting RF source such as a paging antenna by dividing average transmission duration by the average period for transmission. A duty cycle of 100% corresponds to continuous operation.

Effective (or Equivalent) Isotropic Radiated Power (EIRP) – The product of the power supplied to the antenna and the antenna gain in a given direction relative to an isotropic antenna.

Effective Radiated Power (ERP) – In a given direction, the relative gain of a transmitting antenna with respect to the maximum directivity of a half wave dipole multiplied by the net power accepted by the antenna from the connecting transmitter.

Gain (of an antenna) – The ratio of the maximum intensity in a given direction to the maximum radiation in the same direction from an isotropic radiator. Gain is a measure of the relative efficiency of a directional antennas as compared to an omni directional antenna.

General Population/Uncontrolled Environment – Defined by the FCC, as an area where RFR exposure may occur to persons who are **unaware** of the potential for exposure and who have no control of their exposure. General Population is also referenced as General Public.

Generic Antenna – For the purposes of this report, the use of "Generic" as an antenna model means the antenna information was not provided and could not be obtained while on site. In the event of unknown information, Sitesafe will use our industry specific knowledge of antenna models to select a worst case scenario antenna to model the site.

Isotropic Antenna – An antenna that is completely non-directional. In other words, an antenna that radiates energy equally in all directions.

Maximum Measurement – This measurement represents the single largest measurement recorded when performing a spatial average measurement.



Maximum Permissible Exposure (MPE) – The rms and peak electric and magnetic field strength, their squares, or the plane-wave equivalent power densities associated with these fields to which a person may be exposed without harmful effect and with acceptable safety factor.

Occupational/Controlled Environment – Defined by the FCC, as an area where Radio Frequency Radiation (RFR) exposure may occur to persons who are **aware** of the potential for exposure as a condition of employment or specific activity and can exercise control over their exposure.

OET Bulletin 65 – Technical guideline developed by the FCC's Office of Engineering and Technology to determine the impact of Radio Frequency radiation on Humans. The guideline was published in August 1997.

OSHA (Occupational Safety and Health Administration) – Under the Occupational Safety and Health Act of 1970, employers are responsible for providing a safe and healthy workplace for their employees. OSHA's role is to promote the safety and health of America's working men and women by setting and enforcing standards; providing training, outreach and education; establishing partnerships; and encouraging continual process improvement in workplace safety and health. For more information, visit www.osha.gov.

Radio Frequency Radiation – Electromagnetic waves that are propagated from antennas through space.

Spatial Average Measurement – A technique used to average a minimum of ten (10) measurements taken in a ten (10) second interval from zero (0) to six (6) feet. This measurement is intended to model the average energy an average sized human body will absorb while present in an electromagnetic field of energy.

Transmitter Power Output (TPO) – The radio frequency output power of a transmitter's final radio frequency stage as measured at the output terminal while connected to a load.



Appendix C - Rules & Regulations

Explanation of Applicable Rules and Regulations

The FCC has set forth guidelines in OET Bulletin 65 for human exposure to radio frequency electromagnetic fields. Specific regulations regarding this topic are listed in Part 1, Subpart I, of Title 47 in the Code of Federal Regulations. Currently, there are two different levels of MPE - General Public MPE and Occupational MPE. An individual classified as Occupational can be defined as an individual who has received appropriate RF training and meets the conditions outlined below. General Public is defined as anyone who does not meet the conditions of being Occupational. FCC and OSHA Rules and Regulations define compliance in terms of total exposure to total RF energy, regardless of location of or proximity to the sources of energy.

It is the responsibility of all licensees to ensure these guidelines are maintained at all times. It is the ongoing responsibility of all licensees composing the site to maintain ongoing compliance with FCC rules and regulations. Individual licensees that contribute less than 5% MPE to any total area out of compliance are not responsible for corrective actions.

OSHA has adopted and enforces the FCC's exposure guidelines. A building owner or site manager can use this report as part of an overall RF Health and Safety Policy. It is important for building owners/site managers to identify areas in excess of the General Population MPE and ensure that only persons qualified as Occupational are granted access to those areas.

Occupational Environment Explained

The FCC definition of Occupational exposure limits apply to persons who:

- are exposed to RF energy as a consequence of their employment;
- have been made aware of the possibility of exposure; and
- can exercise control over their exposure.

OSHA guidelines go further to state that persons must complete RF Safety Awareness training and must be trained in the use of appropriate personal protective equipment.

In order to consider this site an Occupational Environment, the site must be controlled to prevent access by any individuals classified as the General Public. Compliance is also maintained when any non-occupational individuals (the General Public) are prevented from accessing areas indicated as Red or Yellow in the attached RF Emissions diagram. In addition, a person must be aware of the RF environment into which they are entering. This can be accomplished by an RF Safety Awareness class, and by appropriate written documentation such as this Site Compliance Report.

All Crown Castle employees who require access to this site must complete RF Safety Awareness training and must be trained in the use of appropriate personal protective equipment.



Appendix D – General Safety Recommendations

The following are general recommendations appropriate for any site with accessible areas in excess of 100% General Public MPE. These recommendations are not specific to this site. These are safety recommendations appropriate for typical site management, building management, and other tenant operations.

- 1. All individuals needing access to the main site (or the area indicated to be in excess of General Public MPE) should wear a personal RF Exposure monitor, successfully complete proper RF Safety Awareness training, and have and be trained in the use of appropriate personal protective equipment.
- 2. All individuals needing access to the main site should be instructed to read and obey all posted placards and signs.
- 3. The site should be routinely inspected and this or similar report updated with the addition of any antennas or upon any changes to the RF environment including:
- adding new antennas that may have been located on the site
- removing of any existing antennas
- changes in the radiating power or number of RF emitters
- 4. Post the appropriate **NOTICE**, **CAUTION**, or **WARNING** sign at the main site access point(s) and other locations as required. Note: Please refer to RF Exposure Diagrams in Appendix B, to inform <u>everyone</u> who has access to this site that beyond posted signs there may be levels in excess of the limits prescribed by the FCC. In addition to RF Advisory Signage, a RF Guideline Signage is recommended to be posted at the main site access point(s). The signs below are examples of signs meeting FCC guidelines.









- 5. Ensure that the site door remains locked (or appropriately controlled) to deny access to the general public if deemed as policy by the building/site owner.
- 6. For a General Public environment the four color levels identified in this analysis can be interpreted in the following manner:
- Gray represents area at below 5% of the General Public MPE limits or below. This level is safe for a worker to be in at any time.



- Green represents areas predicted to be between 5% and 100% of the General Public MPE limits. This level is safe for a worker to be in at any time.
- Blue represents areas predicted to be between 100% and 500% of the General Public MPE limits. This level is safe for a worker to be in at any time.
- Yellow represents areas predicted to be between 500% and 5000% of the General Public MPE limits. This level is safe for a worker to be in.
- Red areas indicated predicted levels greater than 5000% of the General Public MPE limits. This level is not safe for the General Public to be in.

7. For an Occupational environment the five color levels identified in this analysis can be interpreted in the following manner:

- Areas indicated as Gray are at 5% of the Occupational MPE limits or below.
 This level is safe for a worker to be in at any time.
- Green represents areas predicted to be between 5% and 20% of the Occupational MPE limits. This level is safe for a worker to be in at any time.
- Blue represents areas predicted to be between 20% and 100% of the Occupational MPE limits. This level is safe for a worker to be in at any time.
- Yellow represents areas predicted to be between 100% and 500% of the
 Occupational MPE limits. Only individuals that have been properly trained in RF
 Health and Safety should be allowed to work in this area. This is not an area
 that is suitable for the General Public to be in.s
- Red areas indicated predicted levels greater than 500% of the Occupational MPE limits. This level is not safe for the Occupational worker to be in for prolonged periods of time. Special procedures must be adhered to such as lock out tag out procedures to minimize the workers exposure to EME.

8. Use of a Personal Protective Monitor: When working around antennas, Sitesafe strongly recommends the use of a Personal Protective Monitor (PPM). Wearing a PPM will properly forewarn the individual prior to entering an RF exposure area.

Keep a copy of this report available for all persons who must access the site. They should read this report and be aware of the potential hazards with regards to RF and MPE limits.

Additional Information

Additional RF information is available by visiting both www.Sitesafe.com and www.fcc.gov/oet/rfsafety. OSHA has additional information available at: http://www.osha-slc.gov/SLTC/radiofrequencyradiation.

Exhibit 7

Section 4(f) de minimis impact documentation for the Washington Park Arboretum historic property

Section 4(f) De Minimis Impact Determination (per 23 CFR 774)

Summary Table

Date:	August 24, 2018
WSDOT Region:	ESO Mega Projects
Project Number:	U52004B
Project:	SR 520, I-5 to Medina: Bridge Replacement and HOV Project
Project Description:	Minor expansion of limits of construction within a construction staging area of the previously-approved SR 520 I-5 to Medina project to replace SR 520's Portage Bay and Evergreen Point bridges and improve the existing roadway between Interstate 5 (I-5) in Seattle and Evergreen Point Road in Medina. The record of decision and Section 4(f) determination was signed August 4, 2011.
Section 4(f) Resource:	Washington Park Arboretum NRHP-eligible historic property
Type of 4(f) Resource:	NRHP-eligible historic property. The portion of the historic property affected is within WSDOT right-of-way and is not a publicly-owned recreational resource open to the public.
Size of the <i>de minimis</i> use of the 4(f) Resource (in acres):	Approximately 47,200 square feet (1.1 acres) total included in 3 individual expansions of project limits of construction of 11,000, 24,100, and 12,100 square feet within a non-contributing portion of the approximately 230-acre historic property.
Primary Purpose/Function of the 4(f) Resource:	230-acre Olmsted-designed arboretum designated in its master plan for conservation, recreation, and education. The portion of the arboretum with <i>de minimis</i> impact is protected under Section 4(f) as a historic property and is outside of the boundary of the publicly-owned recreational resource that is open to the public.
Official with Jurisdiction:	State Historic Preservation Officer

De minimis Documentation

1. Describe the Section 4(f) property and the attributes and features that qualify if to Section 4(f) protection, attach a map showing the boundaries of the resource, the locations of key features (e.g. ball fields, structures) and the area to be used.

The following description is excerpted from the SR 520, I-5 to Medina: Bridge Replacement and HOV Project Cultural Resources Assessment Discipline Report, May 2011.

The Arboretum is a public facility that was developed as part of the Olmsted Plan for Seattle Parks, Boulevards, and Playgrounds. Stretching across approximately 230 acres, the Arboretum is governed by the Arboretum Botanical Garden Committee, composed of the City of Seattle Parks and Recreation and the UW (Exhibit 1).

The Arboretum was first known as Washington Park and was one of Seattle's first parks. In 1903, the Olmsted brothers came to Seattle and prepared a plan for the city's park system, including Washington Park. By 1916, the park totaled 165.22 acres. The City largely completed its acquisition of land for Washington Park by 1921. In March 1924, Washington Park was officially set aside as a botanical garden and Arboretum. The area now known as the WSDOT peninsula, initially used as the Miller Street Landfill until 1936, was incorporated into the Arboretum in 1939.

In 1963, the State Department of Highways condemned approximately 47 acres of Arboretum property for SR 520, and the WSDOT peninsula has been a transportation facility ever since. In May 2001, the Seattle City Council approved a new long-range master plan for the Arboretum. Seattle Parks and Recreation, the UW, and the Arboretum Foundation developed a plan to ensure that the Arboretum could effectively fulfill three primary purposes, which together form the

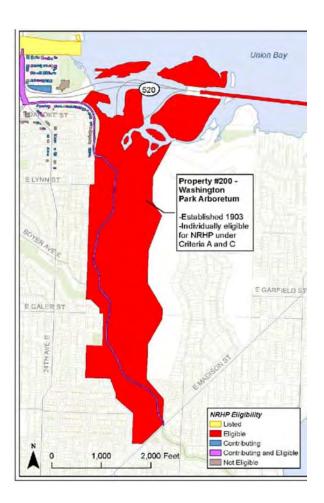


Exhibit 1. Washington Park Arboretum NRHPeligible historic property

mission of the Arboretum: conservation, recreation, and education.

Taken as a whole, the Arboretum retains good integrity in all seven aspects. It is eligible for listing in the NRHP under Criterion A for its association with events that have made a significant contribution to the broad patterns of our history, including the Alaska-Yukon-Pacific Exposition, the development of the UW, and the development of the parks system in Seattle; and under Criterion C as the work of a master for its design by the noted Olmsted Brothers' firm, as well as the many talented designers and architects who contributed to its designed features.

Before construction of SR 520, the right-of-way area was never fully developed as an integral part of the Arboretum, but was within the boundaries of the park. Although the WSDOT-owned area was historically a part of the Arboretum, it has lost considerable integrity resulting from the conversion to transportation right-of-way and the physical impacts from the bridge, such as the dredging and filling during construction and the columns that support the existing bridge, associated ramps, and the approach. The WSDOT right-of-way area is now surrounded by major roadways, including the SR 520 main line to the north, entrance and exit ramps on the east and west, and Lake Washington Boulevard on the south. It is accessible to pedestrians via several trails under the elevated roadways. A parking lot has been added east of Lake Washington Boulevard that is the trailhead for the loop trail onto the WSDOT-owned area.

The WSDOT-owned property is no longer within the park boundaries, is owned by the State of Washington, and is a transportation right of way. This area between the various roadway features has lost integrity of design, feeling, association, and setting. The integrity has been compromised by the introduction of the bridge structure and associated ramps, the change in land use, and the loss of land and changes to the landscape caused by dredging. As a result of these integrity losses, this parcel of land is not a contributing element of the Arboretum.

2. Describe the impacts to the Section 4(f) property, and any avoidance, minimization and mitigation or enhancement measures, and why they are considered *de minimis* as defined in 23 CFR 774.17.

The SR 520, I-5 to Medina: Bridge Replacement and HOV Project Final EIS and Section 4(f) Evaluation (June 2011) evaluated the Project's Section 4(f) use of the Arboretum as a whole and identified that the Project would permanently incorporate 0.9 acres of land from the historic property and would occupy an additional 9.1 acres for construction staging within existing WSDOT right of way on the WSDOT peninsula. The final EIS documented a Section 4(f) use of a total of 10 acres within the historic property.

Subsequently, WSDOT has identified the need for an additional approximately 47,200 square feet (1.1 acres), including 11,000 square feet identified for WSDOT parking, 24,100 square feet for utility connections, and 12,100 square feet for temporary wireless communications facilities. The three expansions of the limits of construction are illustrated in Exhibit 2. This additional area will not be permanently incorporated for transportation use.

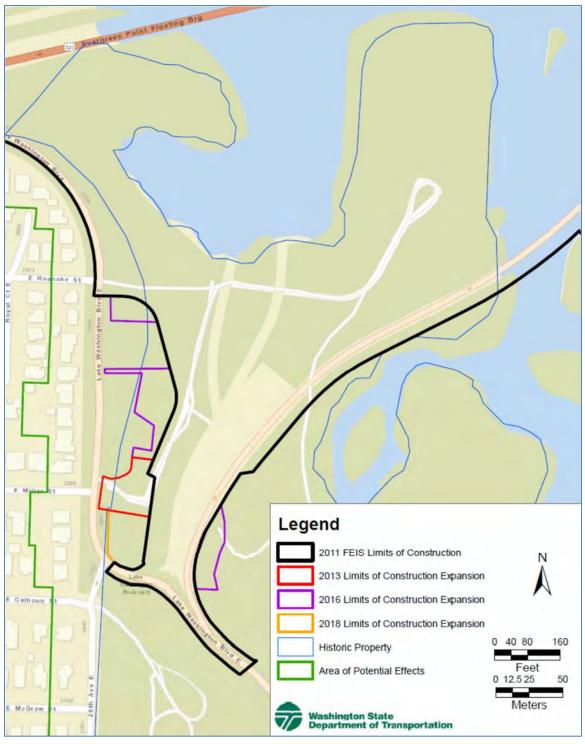


Exhibit 2. Expanded Areas of Limits of Construction

WSDOT intends to enter into a property transfer agreement with Seattle Parks upon completion of SR 520 construction, allowing Seattle Parks to enhance and integrate the area as part of a future Arboretum North Entry project. WSDOT also has an agreement with the Arboretum and Botanical Garden Committee regarding final design and construction of park improvements for

the WSDOT Peninsula that would require the property to be transferred in a suitable state. At the completion of the SR 520, I-5 to Medina: Bridge Replacement and HOV project, the area will be restored to a condition consistent with the historical setting of the Washington Park Arboretum. The Project's Section 106 Programmatic Agreement includes a commitment to consult with specific concurring parties on the final landscape design for the peninsula, including grading and planting, as well as to follow the Secretary of the Interior's Standards for the Treatment of Historic Properties insofar as these apply to designed landscapes. This condition will represent an enhancement relative to the use as right of way for highway ramps prior to the SR 520, I-5 to Medina project.

The Section 106 analysis in the Final EIS noted that the Project would have temporary effects to the Arboretum's integrity of setting and feeling from use of the peninsula as a staging area during construction, however it would not diminish any aspect of the resource's integrity due to the existing visual and setting effects from SR 520. It was determined that construction effects would not reduce the larger Arboretum's historic associations or architectural features that make the Arboretum significant. The Project includes measures to minimize the effects of the temporary activities, including visual shielding of the temporary wireless communications facilities as a "mono-fir" that would resemble a fir tree and incorporate vegetative screening around the site.

FHWA and WSDOT have now determined that the additional temporary use of land from a non-contributing portion of the historic property would not have any additional adverse effect under Section 106 of the National Historic Preservation Act. FHWA and WSDOT have consulted with the State of Washington Department of Archeology and Historic Preservation (DAHP), the State Historic Preservation Officer (SHPO) for the State of Washington, on each of the individual expansions of the limits of construction. With consultation letters sent to the SHPO on 7/11/2013, 8/10/2016, and 7/5/2018. The SHPO concurred with these determinations on 8/12/2013, 8/31/2016, and 7/13/2018.

- 3. For parks, recreational facilities, and wildlife and waterfowl sanctuaries:
 - a. Describe the public outreach that has been or is being conducted (leave blank for historic sites).
 - b. Attach written concurrence of the official with jurisdiction over the 4(f) resource with the *de minimis* determination.
- 4. For historic resource, attach Section 106 documentation (include SHPO concurrence in project-level findings (DOEs and or FOEs) and Programmatic Agreement Memos for archaeological resources).

Correspondence with the Washington SHPO are attached.

Request for Approval Based upon this analysis we request FHWA approval that the use	e of the Section 4(f) resource
described above is de minimis as defined in 23 CFR 774.17.	8/23/18
WSDOT MARCHARET KUCHARSKI	Date 18
FHWA Approval	

FHWA Washington Division Date



Lynn Peterson Secretary of Transportation SR 520 Bridge Replacement and HOV Program 900 3rd Avenue, Suite 900, MS: NB82-99 Seattle, WA 98104

Phone: 206-770-3500 / Fax: 206-770-3569 TTY: 1-800-833-6388 www.wsdot.wa.gov

July 11, 2013

LTR# 2448

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Director, Department of Archaeology and Historic Preservation
PO Box 48343
Olympia, WA 98504-8343
MS-48343

RE: SR 520, I-5 to Medina Bridge Replacement Project and HOV Project: Updated Limits of Construction for the West Approach Bridge North Construction Phase

LOG #: 121602-08-FHWA

Dear Dr. Brooks:

Pursuant to the Programmatic Agreement Implementing Section 106 of the National Historic Preservation Act for the SR 520, I-5 to Medina: Bridge Replacement and HOV Project (PA), the Washington State Department of Transportation (WSDOT), on behalf of the Federal Highway Administration (FHWA), is continuing consultation with your office.

The purpose of this letter is to inform you of some adjustments to the project Limits of Construction (LOC) associated with the West Approach Bridge North (WABN) construction phase of the above-referenced project. All of the changes are within the existing Area of Potential Effects (APE). WSDOT has determined, on behalf of FHWA, that the design refinements will not cause an additional adverse effect to historic properties. Below please find a description of the design changes; the numbers correspond with the enclosed graphics.

- # 1 The retaining wall between the SR 520 eastbound off ramp and East Roanoke Street will require more space for construction access and/or shoring just north of the existing East Roanoke Street sidewalk. This area is located within the National Register of Historic Places (NRHP)-eligible Montlake Historic District boundaries, but no aspect of integrity would be altered or diminished as a result of this change.
- #2 The sidewalk on the east side of Montlake Avenue between SR 520 and Hamlin Street will be repaired and reconfigured to tie into and accommodate relocation of the northbound bus stop. In addition, curb ramps will be modified to meet Americans with Disabilities Act (ADA) standards on Montlake Avenue. This area is located within the NRHP-eligible Montlake Historic District boundaries, but no aspect of integrity would be altered or diminished as a result of this change.

- #3 On 24th Avenue East, curb ramps will be modified to meet ADA standards. This area is located within the NRHP-eligible Montlake Historic District boundaries, but no aspect of integrity would be altered or diminished as a result of this change.
- #4 On East Park Drive East at Hamlin Street, a curb ramp will be constructed to accommodate ADA access to the new path/sidewalk system around the new stormwater facility. A new curb will also be added to accommodate the new path/sidewalk system at the east end of the alley behind Hamlin Street. The asphalt in front of the curb across the mouth of the alley will be replaced. This area is located within the NRHP-eligible Montlake Historic District boundaries, but no aspect of integrity would be altered or diminished as a result of this change.
- #5 On East Park Drive East, diagonal parking will be added to the east side of the street, and will replace the limited existing on-street parking in the same location. The existing asphalt will be overlain to provide a stable surface that can be widened for the parking. The adjusted parking reconfiguration is a result of feedback generated through the Seattle Community Design Process (SCDP).

This area is located within the NRHP-eligible Montlake Historic District, and is adjacent to four contributing resources: 2158 E. Shelby Street (also individually NRHP eligible), 2159 E. Shelby Street (also individually NRHP eligible), 2817 E. Park Drive East, and 2160 E. Hamlin Street. The diagonal parking would be visible from all of these resources, which would alter their integrity of setting. However, the change would not be adverse. These properties are adjacent to a city street with existing on-street parking, and also overlook the existing MOHAI parking lot, which will be removed as construction of the I-5 to Medina Project progresses. The change in visual setting would be minor, and would not affect historic properties.

- # 6 The WSDOT parking lot on E. Lake Washington Blvd. will be used for access to the major staging area on WSDOT Peninsula. Lake Washington Boulevard and the Arboretum are historic properties, but no aspect of integrity would be altered or diminished as a result of this change.
- #7 The slight work bridge extensions will allow for work vehicles to maneuver on the work bridges during construction activities such as concrete girder deliveries during which huge girders must be lifted from the delivery trucks, raised, and set on the bridge piers. This activity will not occur on Foster Island, a NRHP-eligible Traditional Cultural Property (TCP), and would not affect it, or any other historic properties.

All of the above-referenced LOC expansions are within areas surveyed for archaeological sensitivity as part of this project. All construction within the expanded limits of construction will be subject to the same archaeological monitoring plan which DAHP concurred with in a letter dated February 12, 2013.

We respectfully request any comments you may have on the revised limits of construction and the above analysis and the determination that the changes result in no additional adverse effect to historic properties by no later than **August 12**, **2013**.

If you have any questions or concerns, please contact me at (206) 805-2895, e-mail archers@wsdot.wa.gov, or Allison Hanson, Environmental Director for Mega Projects at (206) 805-2880, e-mail hansona@wsdot.wa.gov.

Sincerely,

Steve Archer

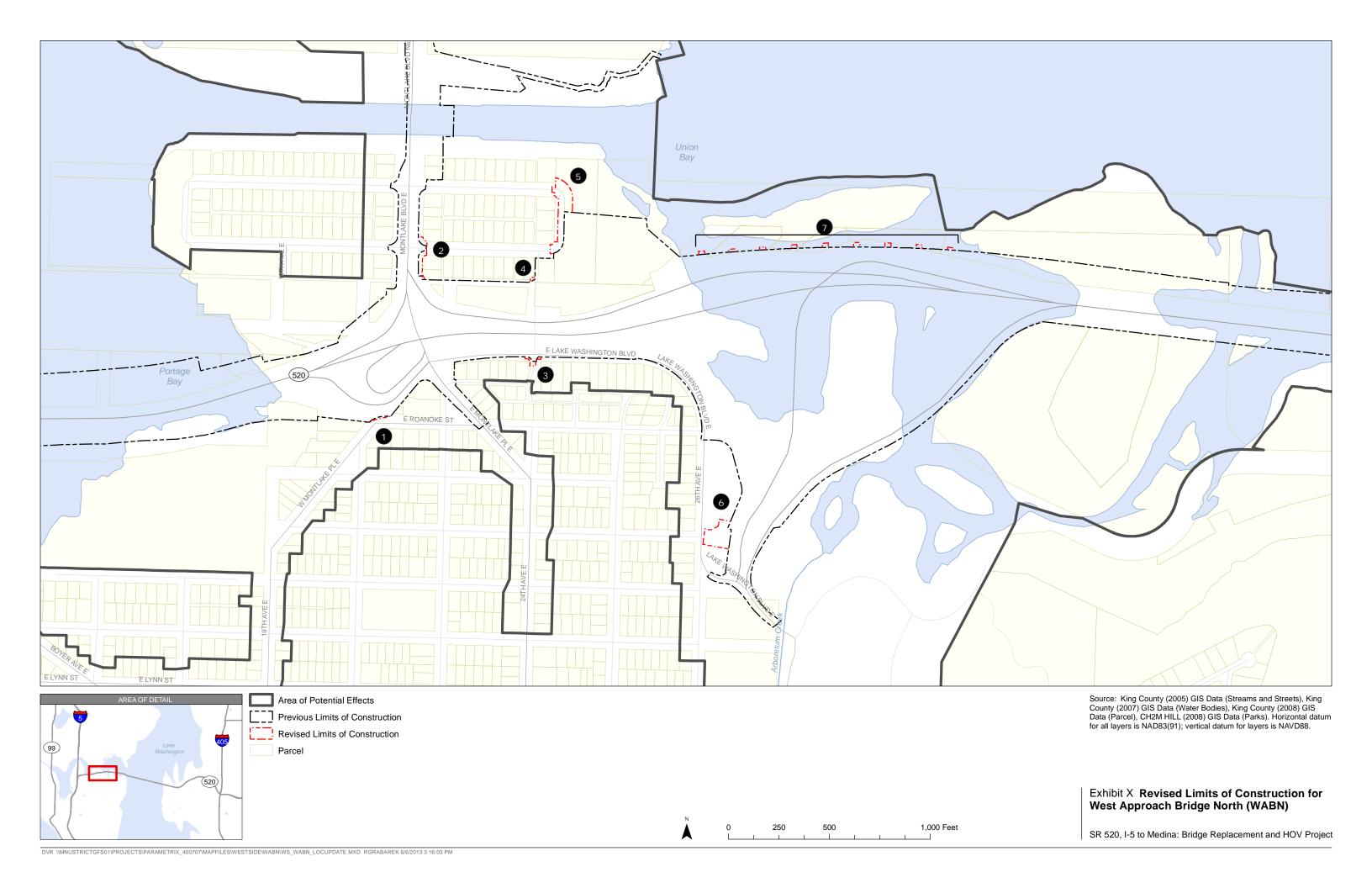
WSDOT Cultural Resources Specialist

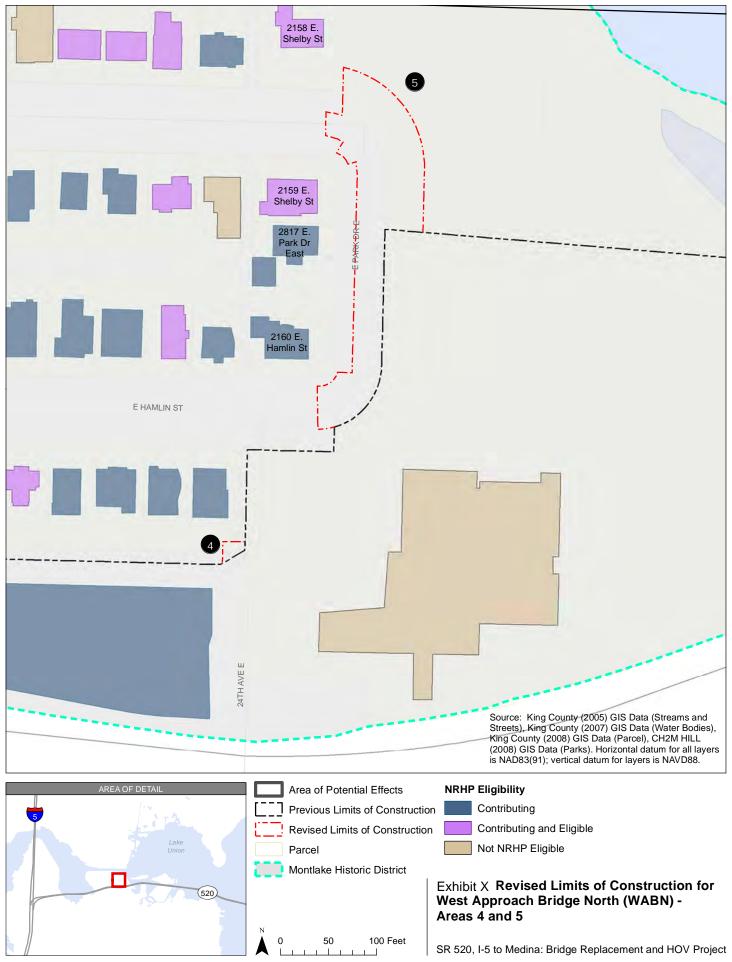
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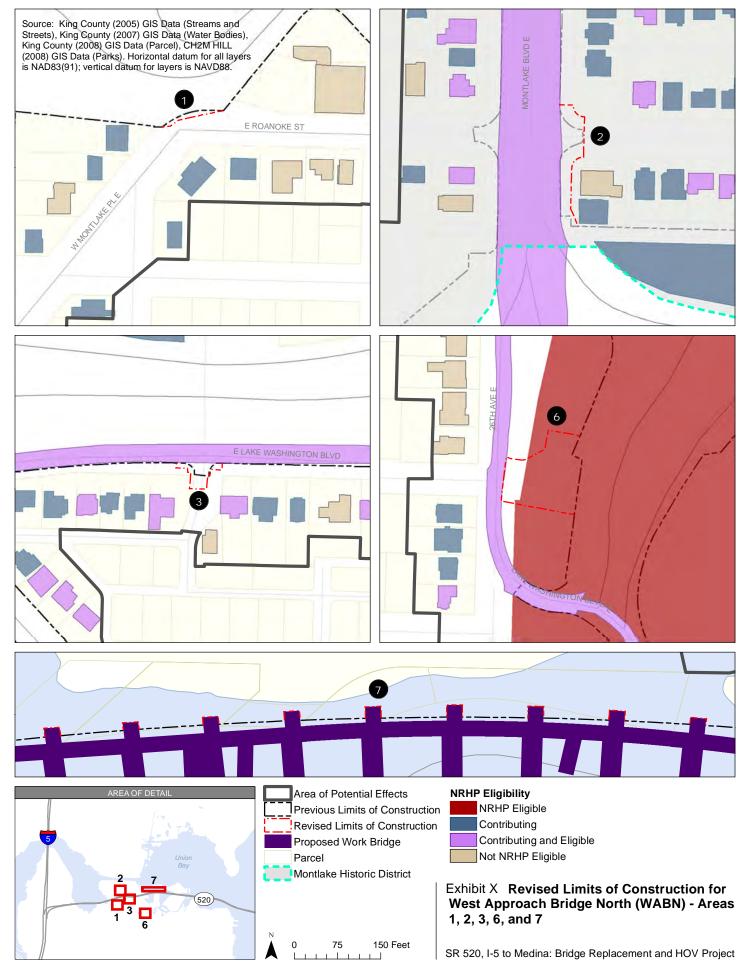
WS_WABN_LOCUpdate WS_WABN_LOCUpdate_Area45 WS_WABN_LOCUpdate_OtherAreas

cc:

Matthew Sterner, DAHP Anthony Sarhan, FHWA Sharon Love, FHWA Allison Hanson, WSDOT Scott Williams, WSDOT









August 12, 2013

Mr. Steve Archer Cultural Resource Specialist SR 520 Bridge Replacement Project 999 Third Ave., Suite 2424 Seattle, WA 98104

In future correspondence please refer to:

Log:

121602-08-FHWA

Property: SR 520 Corridor Trans-Lake Washington, Bridge Replacement and HOV

Re:

Review of Updated Limits of Construction Notification

Dear Mr. Archer:

Thank you for contacting the Washington State Department of Archaeology and Historic Preservation (DAHP). I have reviewed the information on the updated limits of construction that you provided to our office in July on behalf of the State Historic Preservation Officer under provisions of Section 106 of the National Historic Preservation Act of 1966 (as amended) and 36 CFR Part 800. I have no issues with the proposed changes and understand that all areas will continue to be covered by the parameters outlined in the archaeological monitoring plan.

Please note that DAHP requires that all historic property inventory and archaeological site forms be provided to our office electronically.

Thank you for the opportunity to review and comment.

Sincerely,

Matthew Sterner, M.A. Transportation Archaeologist (360) 586-3082

matthew.sterner@dahp.wa.gov





SR 520 Bridge Replacement and HOV Program 999 3rd Avenus, Ste. 2200, MS; NB82-99 Seattle, WA 99104 206-770-3500 / Fax: 206-770-3569 TTY: 1-800-833-6388 www.wsdot.wa.gov

August 10, 2016

LTR# 2717

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Director, Department of Archaeology and Historic Preservation
1063 S. Capitol Way, Suite 106
Olympia, WA 98504-8343

RE: SR 520, I-5 to Medina Bridge Replacement Project and HOV Project: Updated Limits of Construction for West Approach Bridge South, Montlake Lid, and subsequent construction phases.

LOG #: 121602-08-FHWA

Dear Dr. Brooks

Pursuant to the Programmatic Agreement Implementing Section 106 of the National Historic Preservation Act for the SR 520, I-5 to Medina: Bridge Replacement and HOV Project (PA), the Washington State Department of Transportation (WSDOT), on behalf of the Federal Highway Administration (FHWA), is continuing consultation with your office.

The purpose of this letter is to inform you of some adjustments to the project Limits of Construction (LOC) associated with the upcoming construction phases of the above-referenced project. All of the changes are within the existing Area of Potential Effects (APE). WSDOT has determined, on behalf of FHWA, that the design refinements will not cause an additional adverse effect to historic properties. In general the changes are minor adjustments as shown on the attached graphics.

The majority of changes to the Montlake Lid area have been arrived at through a consultation process as specified in the PA, and through other legislatively-defined consultation processes with the City of Seattle and other key stakeholders. This design information reflects the current state of knowledge about the upcoming West Approach Bridge South/Montlake Lid contract, which will terminate slightly west of the Montlake interchange with SR 520. The limits of construction have also been updated to reflect current information regarding the future Portage Bay Bridge/I-5 Interchange phase resulting from the Seattle Community Design Process in 2012.

Although there are minor adjustments throughout the corridor, some areas with more notable changes are highlighted on the enclosed graphic.

#1 Limits of Construction lines are removed around the Washington State Patrol building to reflect a temporary construction easement in this area. No alterations will be made to the building, which was determined not eligible for listing in the NRHP in 2011. To the south of SR 520, additional areas have been added for bicycle and pedestrian improvements expected in the later phases of the project.

#2 Utility work has been added in the Shelby-Hamlin Area. The utility work is underground, involving temporary construction impacts and will not result in any permanent visible changes. The area is located within the National Register of Historic Places (NRHP)-eligible Montlake Historic District boundaries, but no aspect of integrity would be altered or diminished as a result of this change.

#3 The property occupied by the existing Montlake 76 Service Station and Montlake Market to the west of 22nd Ave NE and Montlake Boulevard would be acquired. The Montlake 76 Service Station would be permanently demolished and decommissioned. WSDOT determined that it would need to acquire these properties to build some of the project's planned improvements, such as retaining walls and fill, sidewalks, connections to shared-use trails, and utility relocations and modifications. WSDOT may also use the property for construction staging, traffic shifts, and transit access during construction. These properties are not eligible for listing in the NRHP as determined in 2011, and were recently re-evaluated in the Montlake Historic District nomination as non-contributing to the district. This area is located within the National Register of Historic Places (NRHP)-eligible Montlake Historic District boundaries, but no aspect of integrity would be altered or diminished as a result of this change.

#4 Expansions around the identified staging area at the WSDOT peninsula have been added to reflect service connections and other activities associated with the staging area.

#5 A small area has been added on Foster Island, an NRHP-eligible traditional cultural property, to reflect construction required to implement landscaping mitigation as described in the Foster Island Treatment Plan committed to in the PA and agreed upon through consultation with the recognized affected tribes participating in consultation and DAHP.

All of the above-referenced LOC expansions are within areas surveyed for archaeological sensitivity as part of this project. All construction within the expanded limits of construction will be subject to the same archaeological monitoring plan which DAHP concurred with in a letter dated February 12, 2013.

The information in this letter is also being shared with federally recognized tribes consulting on the project, the U.S. Army Corps of Engineers, and King County's Historic Preservation program.

We respectfully request any comments you may have on the revised limits of construction and the above analysis and the determination that the changes result in no additional adverse effect to historic properties by no later than **September 10, 2016**.

Dr. Brooks August 10, 2016 Page 3 of 3

If you have any questions or concerns, please contact me at (206) 805-2895, e-mail archers@wsdot.wa.gov, or Scott Williams, Cultural Resources Program Manager, e-mail willias@wsdot.wa.gov.

Sincerely,

Steve Archer

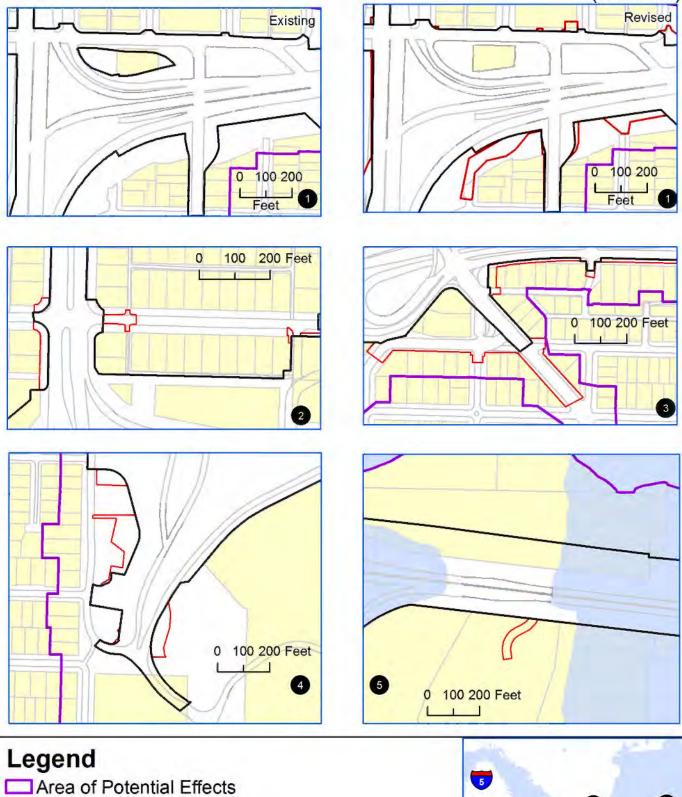
WSDOT Cultural Resources Specialist

Enclosures:

Final LOC Update Insert August 2016 Final LOC Update August 2016

Cc:

Matthew Sterner, DAHP Anthony Sarhan, FHWA Scott Williams, WSDOT SR 520, I-5 to Medina Project: Revised Limits of Construction, August 2016 (Revised)



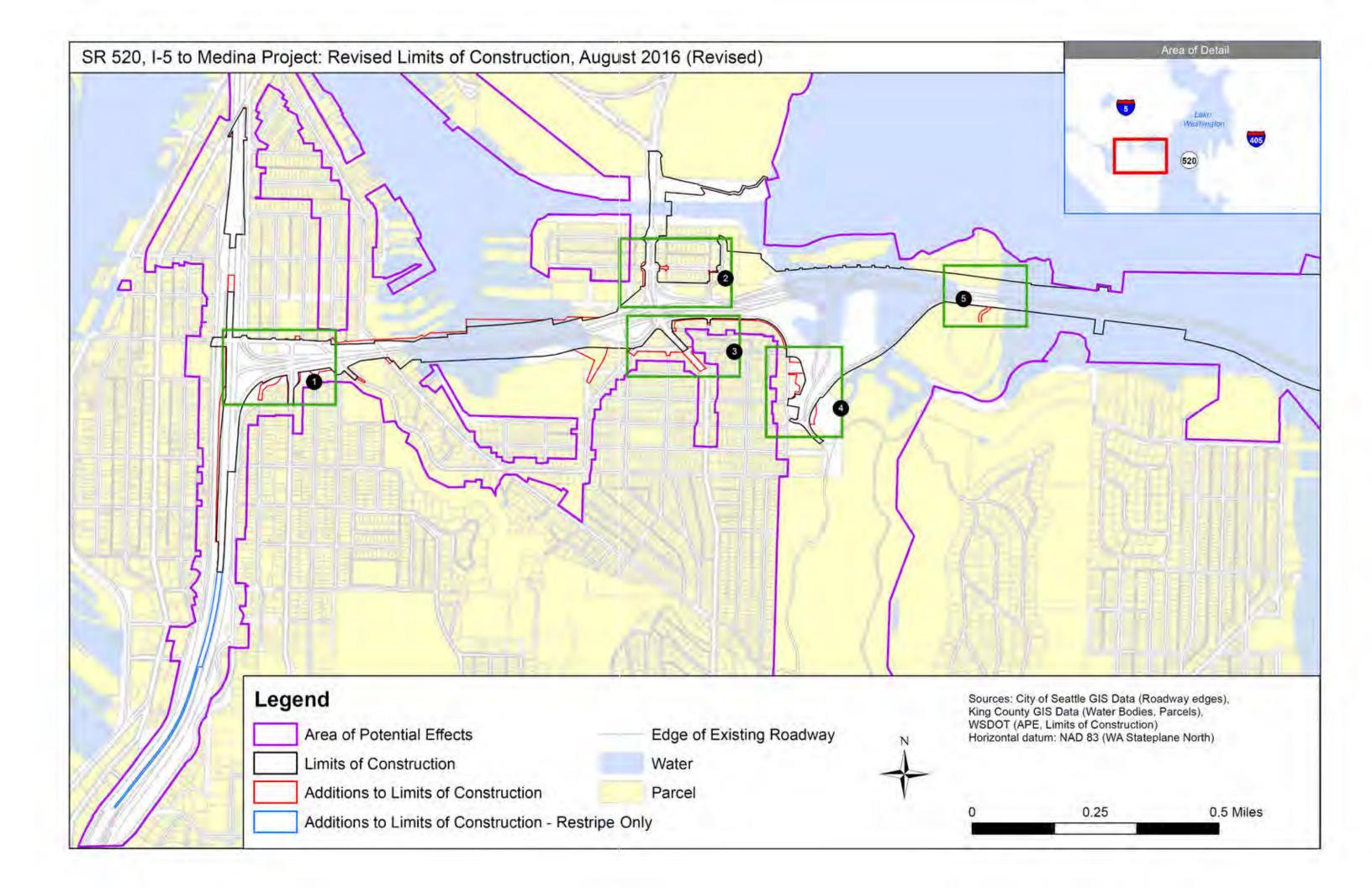
- ☐ Limits of Construction
- Additions to Limits of Construction
 - Edge of Existing Roadway
 - Water

Sources: City of Seattle GIS Data (Roadway edges), King County GIS Data (Water Bodies, Parcels),

Parcel

WSDOT (APE, Limits of Construction)
Horizontal datum: NAD 83 (WA Stateplane North)







August 31, 2016

Mr. Steve Archer SR 520 Bridge Replacement Project 999 Third Ave., Suite 2424 Seattle, WA98104

In future correspondence please refer to: Project Tracking Code: 121602-08-FHWA

Property: SR 520 Corridor Trans-Lake Washington, Bridge Replacement and HOV

Re: Maintain ADVERSE Effect

Dear Mr. Archer:

Thank you for contacting the State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) and informing us of the modifications to the limits of construction for the SR 520 Corridor Trans-Lake Washington, Bridge Replacement and HOV project. We have reviewed the materials you provided for this project. As a result of our review, we concur with your determination that the project as proposed will continue to have an adverse effect, but that no additional adverse effects will result from these changes.

As always, we appreciate receiving any correspondence or comments from concerned tribes or other parties that you receive as you consult under the requirements of 36 CFR 800.4(a)(4). These comments are based on the information available at the time of this review and on behalf of the State Historic Preservation Officer (SHPO) pursuant to Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR 800.

Thank you for the opportunity to review and comment. If you have any questions, please feel free to contact me.

Sincerely,

Matthew Sterner, M.A.

Transportation Archaeologist

(360) 586-3082

matthew.sterner@dahp.wa.gov





SR 520 Bridge Replacement and HOV Program 999 3rd Avenue, Ste. 2200, MS: NB82-99 Seattle, WA 98104

206-770-3500 / Fax: 206-770-3569 TTY: 1-800-833-6388 www.wsdot.wa.gov

July 5, 2018

LTR-PR0068

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Director, Department of Archaeology and Historic Preservation
1063 S. Capitol Way, Suite 106
Olympia, WA 98504-8343

RE: SR 520, I-5 to Medina Bridge Replacement Project and HOV Project: Limits of Construction Update and Cellular Tower Relocation for Montlake Phase Construction

LOG #: 121602-08-FHWA

Dear Dr. Brooks:

Pursuant to the Programmatic Agreement Implementing Section 106 of the National Historic Preservation Act for the SR 520, I-5 to Medina: Bridge Replacement and HOV Project (PA), the Washington State Department of Transportation (WSDOT), on behalf of the Federal Highway Administration (FHWA), is continuing consultation with your office.

The purpose of this letter is to inform you of an adjustment to the project Limits of Construction (LOC) associated with the upcoming construction phase of the above referenced project. This change is within the existing Area of Potential Effects (APE); in general, the change is minor as shown on the attached graphic.

Background

WSDOT has determined that the cellular tower co-located with the Montlake Boulevard Market will need to be relocated to complete construction of the SR 520 Montlake Phase. As such, the cellular providers have been conducting an alternatives analysis to identify the least intrusive options for their relocation. This effort has determined that the most practicable relocation site for the tower is on WSDOT-owned property just south of an existing parking lot on the WSDOT peninsula, near the intersection of Lake Washington Boulevard East and East Miller Street. To allow for continuity of cellular service, including 911 emergency services, and to minimize disruption to the Montlake community and surrounding neighborhoods, WSDOT is working with the cellular service providers to facilitate a temporary relocation by providing space within WSDOT right-of-way next to the existing construction staging area. This area is located adjacent to but outside of the existing LOC, which would require this expansion.

WSDOT has existing PA commitments, as well as an agreement with Seattle Parks and Recreation, regarding final design and construction of park improvements for the WSDOT peninsula that would require the cell tower to be removed from its temporary location by the service providers upon completion of SR 520 construction. Permanent relocation options will be assessed prior to this removal.

WSDOT has determined, on behalf of FHWA, that this temporary installation will not cause an additional adverse effect to historic properties. As described below, the cellular service providers have proposed a plan to minimize visual impacts to historic properties in the area. The location and design allow this temporary tower to blend in with the surrounding environment for the duration of its use as compared to the existing undisguised tower at the Montlake Market.

Based on a least intrusive analysis per the City of Seattle permitting process, the cellular providers are installing a 120-foot tall "monopine" tower. The relocated tower will be constructed to look like a pine tree in order to best fit into the surrounding area. A visual simulation is attached for your reference. The monopine is designed to minimize visual impacts by simulating other large trees, some approximately 100 feet tall, currently located within close proximity to the proposed location.

Consideration of Historic properties

Adjacent National Register of Historic Places (NRHP)-eligible historic properties include the Washington Park Arboretum, Lake Washington Boulevard, the Montlake Historic District, and individual contributing elements to the historic district.

While this proposed tower design will slightly alter the integrity of setting for Lake Washington Boulevard and the Arboretum, the change would not be such that they would no longer retain sufficient integrity to convey their historic significances. The following underscore the minimal effect the tower would have on the setting:

- The area where the monopine tower would be visible is very small compared to the total area that contributes to integrity of setting for Lake Washington Boulevard and the Arboretum, thus the overall alteration to setting is minor.
- The installation is temporary, thus the setting will not be permanently altered by the cellular tower relocation.
- As shown in the attached visual simulation, the tower will be screened by other trees and will not be visible from most locations within the historic boundaries of either resource.

For these reasons the perceived change to the setting, as observed from Lake Washington Boulevard and Washington Park Arboretum, would be minimal. Therefore, relocation of the cellular tower would not constitute an adverse effect to Lake Washington Boulevard or the Washington Park Arboretum.

Similarly, the temporary relocation of the cellular tower would alter the integrity of setting for only a small area of the Montlake Historic District relative to the overall integrity of setting for the historic resource as a whole. The existing 60 ft. tall cellular tower, which is located adjacent to the Montlake Market (2605 22nd Ave. E) within the boundaries of the Montlake Historic District, has no screening and is clearly visible to multiple contributing properties around the intersection. A graphic showing the existing condition is attached for your reference. In contrast, the temporary cell tower installation described here will be outside of the district and, given the monopine design and adjacent large trees, will better blend in with the surrounding landscape than current conditions. Most contributing properties to the district will not have a clear view of the monopine due to surrounding trees and other properties. Therefore, together with retained integrity of location, design, materials, workmanship, feeling, and association, the district would retain sufficient integrity of setting to convey its historic significance and relocation of the cellular tower would not represent an adverse effect to the district.

The tower will be adjacent to and within the viewsheds of only four of the 1,242 total contributing resources to the district: 2467 26th Ave. E, 2463 26th Ave. E, 2457 26th Ave. E, and 2451 26th Ave. E. Of these four, only 2451 26th Ave. is individually eligible for the NRHP. Therefore, individual consideration of impact to setting is only merited for 2451 26th Ave. E. The primary façade of 2451 26th Street is not oriented toward the cellular tower relocation site. The peripheral view of the cellular tower site from this property is obscured by large trees. As such, the impact to integrity of setting for this individually eligible property is minimal. Therefore, together with retained integrity of location, design, materials, workmanship, feeling, and association, the residence at 2451 26th Ave. E. would retain sufficient integrity of setting to convey its historic significance and relocation of the cellular tower would not represent an adverse effect to the property.

Summary

Given the existing visual impacts of an undisguised cellular tower within the district, the minimization measures with the monopine design, the eventual removal of the structure, and the existing visual impacts in this area from construction staging already covered in the PA, these impacts would be less than adverse.

This LOC expansion is within an area surveyed for archaeological sensitivity as part of this project. All construction within the expanded limits of construction will be subject to the same archaeological monitoring plan that DAHP concurred with in a letter dated February 12, 2013.

The information in this letter is also being shared with federally recognized tribes consulting on the project, the U.S. Army Corps of Engineers, King County's Historic Preservation program, and Montlake neighborhood consulting parties.

We respectfully request any comments you may have on the revised limits of construction, the above analysis, and the determination that the changes result in no additional adverse effect to historic properties by no later than **August 3, 2018**.

If you have any questions or concerns, please contact me at (206) 805-2895, e-mail <u>manetac@wsdot.wa.gov</u>, or Scott Williams, Cultural Resources Program Manager, e-mail <u>willias@wsdot.wa.gov</u>.

Sincerely,

Cassandra Manetas
Cassandra Manetas

WSDOT Cultural Resources Specialist

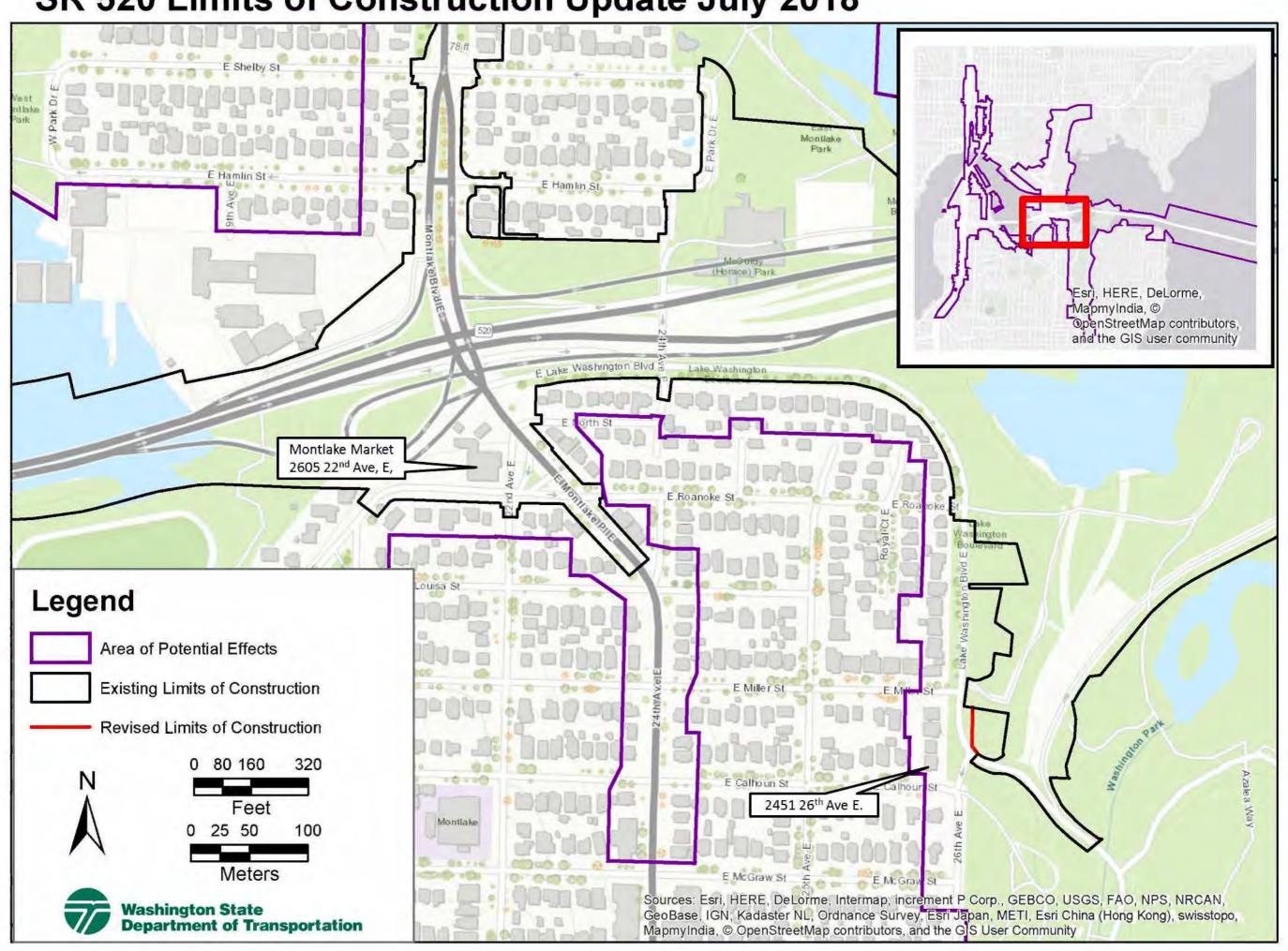
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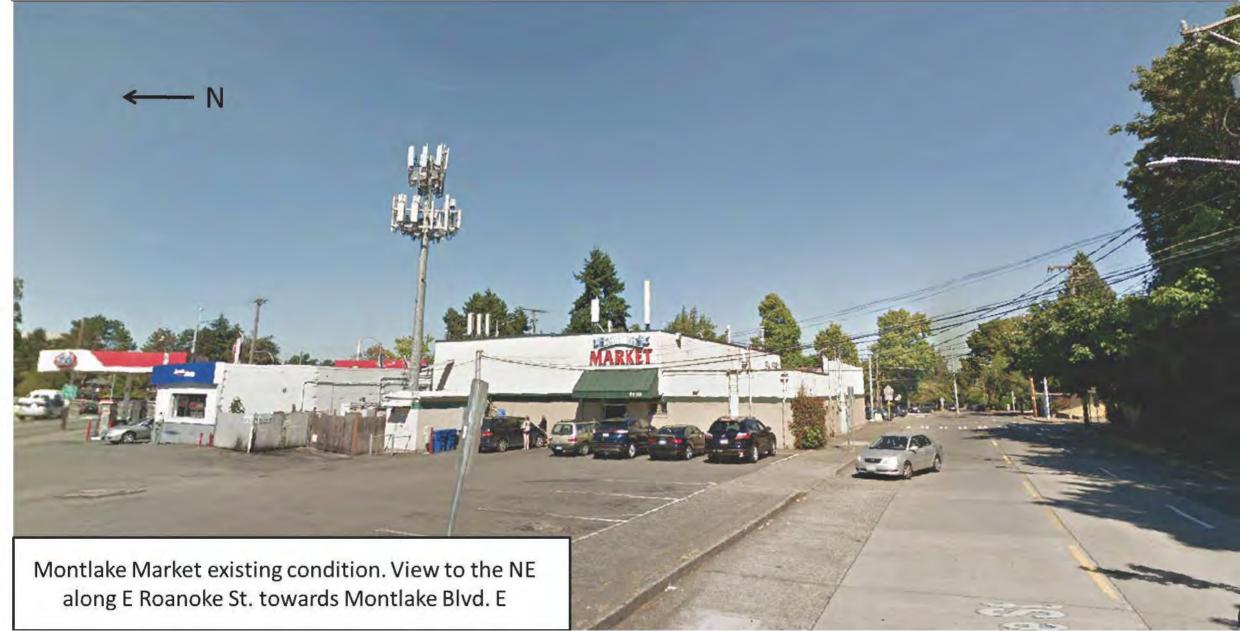
Limits of Construction Update Map Montlake Existing Condition Crown Castle Monopine Photosim Crown Castle Relocation Plans

Cc:

Dennis Wardlaw, DAHP Sharon Love, FHWA Jeff Horton, FHWA Scott Williams, WSDOT Denise Cieri, WSDOT Dave Becher, WSDOT

SR 520 Limits of Construction Update July 2018





PROJECT DESCRIPTION

CROWN CASTLE PROPOSES TO INSTALL A NEW 2500' SQ.FT. LEASE AREA AND 120' MONOPINE.



PROJECT INFORMATION

SITE ADDRESS: 2463 26TH AVE E

SEATTLE, WA 98112

LATITUDE: 47.641527 LONGITUDE -122.298293JURISDICTION: CITY OF SEATTLE

822497-BAINBRIDGE DISPOSAL-T-1

822497-BAINBRIDGE DISPOSAL-A-1

822497-BAINBRIDGE DISPOSAL-A-2.1

822497-BAINBRIDGE DISPOSAL-A-4

TBD

A/E

EXISTING USE: NEW USE:

ZONING DISTRICT:

CONSTRUCTION TYPE: XX APN

UNMANNED TELECOMMUNICATIONS FACILITY UNMANNED TELECOMMUNICATIONS FACILITY

REV

D

5605000450

PROJECT SCOPE: RELOCATE EXISTING SITE **B.U.N. NUMBER: 880324**

SITE NAME: PORTAGE BAY

LEASE EXHIBIT

DRAWING INDEX

TITLE SHEET

OVERALL SITE PLAN

LEGAL DESCRIPTION

NEW ENLARGED EQUIPMENT PLAN NEW MONOPINE ELEVATIONS

VICINITY MAP

DIRECTIONS AT&T MOBILITY OFFICE (16221 NE 72ND WAY REDMOND, WA 98052): TAKE WA-509 NORTH, TAKE EXIT FOR MICHIGAN ST, GO TO 4TH AVE S TURN LEFT, GO TO I-90 E TURN LEFT, TAKE EXIT 2B TO MERGE ON I-5 N, TAKE EXIT 168B FOR WA-520, TAKE EXIT FOR MONTLAKE BLVD, CONTINUE STRAIGHT ONTO LAKE WASHINGTON BLVD E. GO

APPROX. 0.4 MILES TO PARKING LOT ON THE EAST SIDE OF THE ROAD. SITE IS 0.3 MILES

NORTHEAST THROUGH THE PARK

APPLICABLE BLDG. CODES AND STANDARDS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

BUILDING CODE:

[INTERNATIONAL BUILDING CODE (IBC), 2015 AS ADOPTED BY THE LOCAL JURISDICTION]

ELECTRICAL CODE:

[NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2014, NATIONAL ELECTRICAL CODE. AS ADOPTED BY THE LOCAL JURISDICTION]

[NFPA 780 - 2002, LIGHTNING PROTECTION CODE]

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING **STANDARDS**

AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, THIRTEENTH EDITION TIA/EIA 222-G, STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS

TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT

IEEE C2 NATIONAL ELECTRIC SAFETY CODE, LATEST VERSION

TELCORDIA GR-1275, GENERAL INSTALLATION REQUIREMENTS

ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL

here quality still counts.

SEATTLE, WA 98112 SITE NUMBER

2055 S STEARMAN DR CHANDLER, AZ 85225

FIELD SERVICES

4240 E. ELWOOD ST. PHOENIX, AZ 85040 2463 26TH AVE E

CROWN

880324 SITE NAME PORTAGE BAY

Broken Island Parking Area E12 AGE BAY MONTLAKE

NUMBER NAME COMPANY **CHRIS WOLFE** WYCO FIELD SERVICES, LLC 602-281-0223 LANDLORD DOUG NELSON TBD 206-391-1436 SITE ACQUISITION MANAGER EDWARD RUIZ **CROWN CASTLE** 713-570-3867 PROJECT MANAGER KASHEIK McGEE 602-845-1748 CROWN CASTLE CONSTRUCTION MANAGER **ADAMS GLENN CROWN CASTLE** 509-741-0568

SITE PROJECT PARTICIPANTS

DIG INFO

UULC: **UTILITIES UNDERGROUND LOCATION CENTER** 1-800-424-5555 OR 811 WWW.CALLBEFOREYOUDIG.ORG/WASHINGTON 3 WORKING DAYS UTILITY NOTIFICATION PRIOR TO CONSTRUCTION

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME.

SCALING DRAWINGS

IF USING 11"x17" PLOT, DRAWINGS WILL BE AT HALF SCALE.

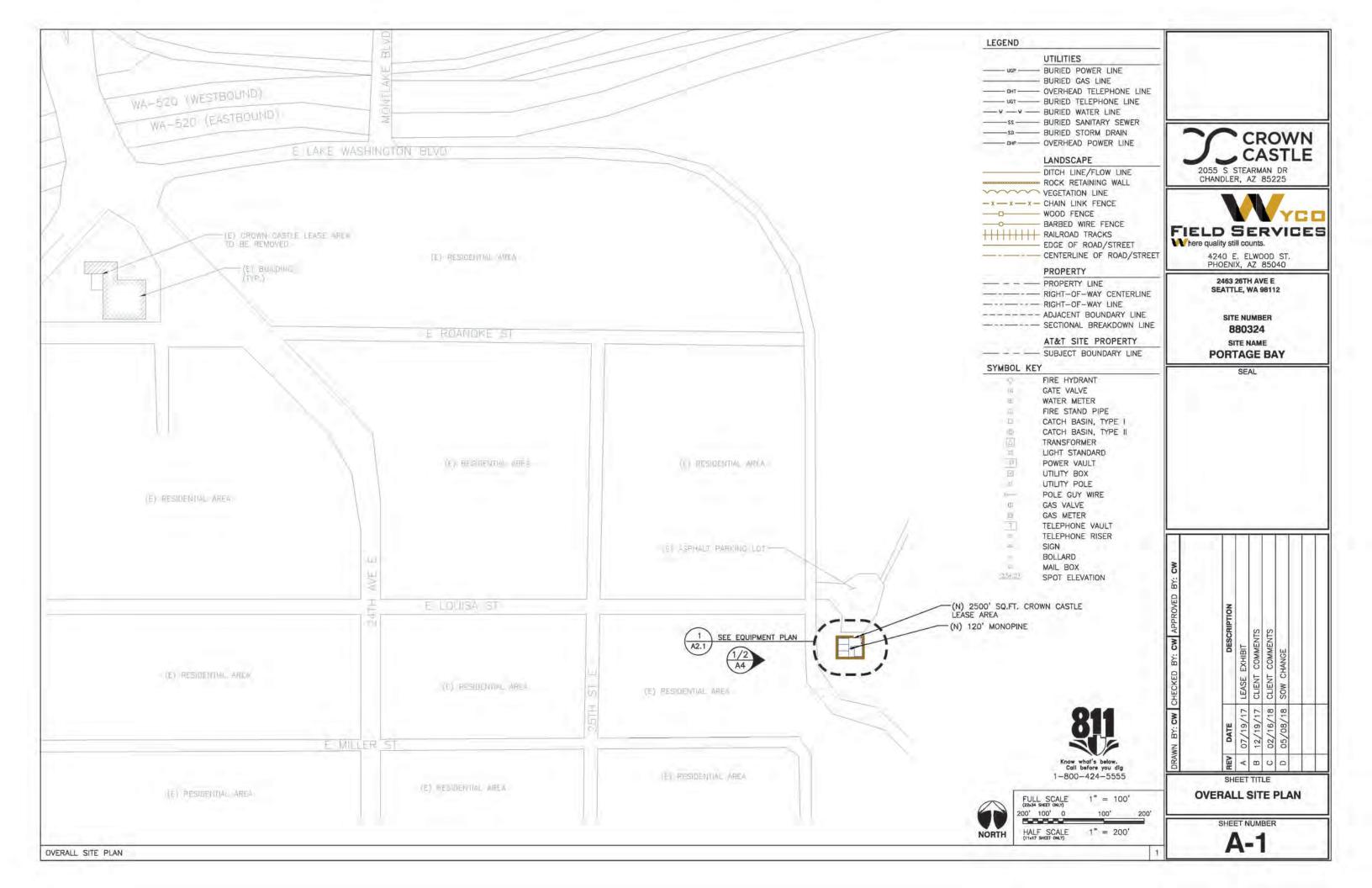
리리 07/19/17 12/19/17 02/16/18 05/08/18

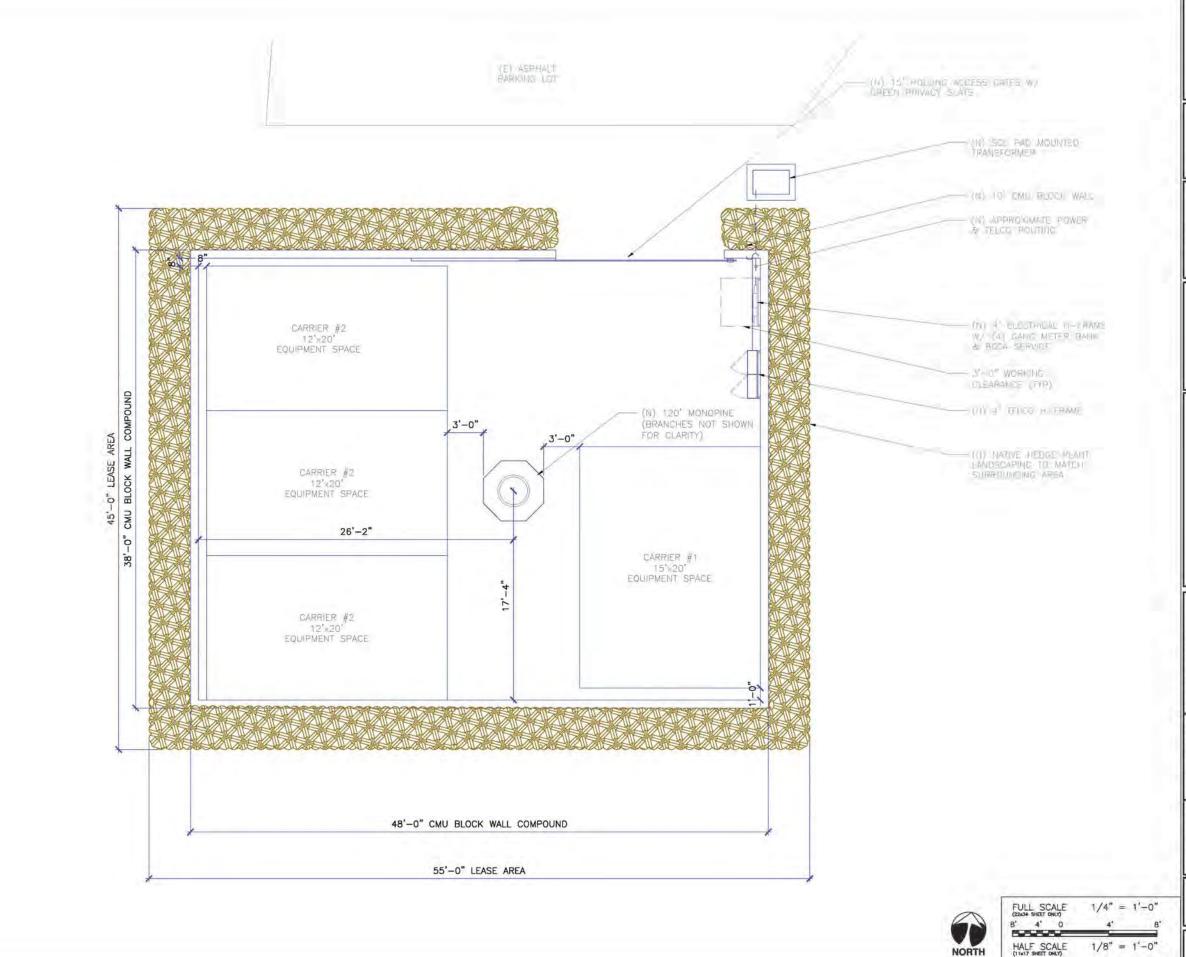
SHEET TITLE

TITLE SHEET

SHEET NUMBER

-







FIELD SERVICES Where quality still counts.

4240 E. ELWOOD ST. PHOENIX, AZ 85040

2463 26TH AVE E SEATTLE, WA 98112

SITE NUMBER 880324 SITE NAME PORTAGE BAY

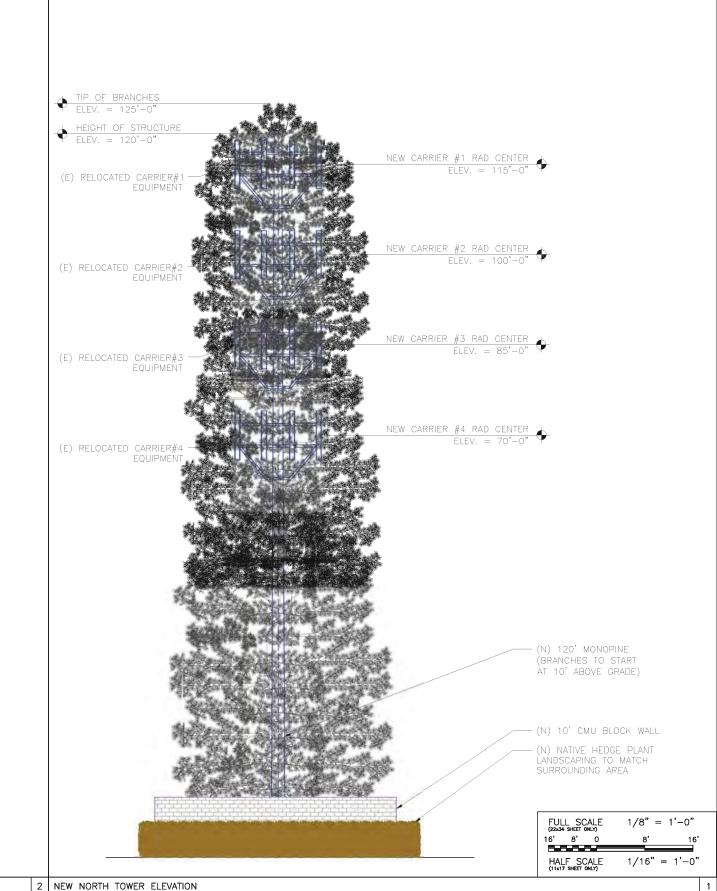
SEAL

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12/19/17 CLIENT COMMENTS	-	71/61/2	CLIENT COMMENTS
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NEW ENLARGED EQUIPMENT PLAN

SHEET NUMBE

A-2.1



CROWN CASTLE 2055 S STEARMAN DR CHANDLER, AZ 85225



4240 E. ELWOOD ST. PHOENIX, AZ 85040

2463 26TH AVE E SEATTLE, WA 98112

SITE NUMBER
880324
SITE NAME

PORTAGE BAY

SEAL

DRAWN BY: CW CHECKED BY: CW APPROVED BY: CW		DESCRIPTION	07/19/17 LEASE EXHIBIT	12/19/17 CLIENT COMMENTS	02/16/18 CLIENT COMMENTS	05/08/18 SOW CHANGE		
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DRAW		REV	٧	В	ပ	O		
SHEET TITLE								

TOWER ELEVATIONS

SHEET NUMBER

NEW

A-4

NOT USED 2 NEV



July 13, 2018

Mrs. Cassandra Manetas Cultural Resource Specialist SR 520 Bridge Replacement Project 999 Third Ave., Suite 2424 Seattle, WA, 98104

In future correspondence please refer to:
Project Tracking Code: 121602-08-FHWA

Property: SR 520 Corridor Trans-Lake Washington, Cellular Tower Relocation for Montlake

Construction Phase

Re: Revised Limits of Construction; Continued NO Adverse Effect

Dear Mrs. Manetas:

Thank you for contacting the State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced project. This action has been reviewed on behalf of the SHPO under provisions of Section 106 of the National Historic Preservation Act of 1966 (as amended) and 36 CFR Part 800. Our review is based upon documentation contained in your communication.

Based on the information you have provided for the cellular tower relocation we concur that the current project as proposed will have "NO ADVERSE EFFECT" on adjacent National Register Historic Properties. As a result of our concurrence, further contact with DAHP regarding the cellular tower relocation is not necessary.

However, if new information about affected resources becomes available and/or the project scope of work changes significantly, please resume consultation as our assessment may be revised. Also, if any archaeological resources are uncovered during construction, please halt work immediately in the area of discovery and contact the appropriate Native American Tribes and DAHP for further consultation.

Thank you for the opportunity to review and comment. Should you have any questions, please feel free to contact me.

Sincerely,

Dennis Wardlaw

Transportation Archaeologist

(360) 586-3085

dennis.wardlaw@dahp.wa.gov





SR 520 Bridge Replacement and HOV Program 999 3rd Avenue, Ste. 2200, MS: NB82-99 Seattle, VVA 98104 206-770-3500 / Fax: 206-770-3569 TTY: 1-800-833-6388 WWW.wwdoft.wa.gov

August 21, 2018

LTR-PR0119

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Director, Department of Archaeology and Historic Preservation
1063 S. Capitol Way, Suite 106
Olympia, WA 98504-8343

Dear Dr. Brooks,

RE: SR 520, I-5 to Medina Bridge Replacement Project and HOV Project: Limits of Construction Update and Cellular Tower Relocation for Montlake Phase Construction

LOG #: 121602-08-FHWA

Dear Dr. Brooks:

This letter is in reference to the Washington State Department of Transportation's (WSDOT) previous consultation with your office on behalf of the Federal Highway Administration (FHWA) pursuant to the *Programmatic Agreement Implementing Section 106 of the National Historic Preservation Act for the SR 520, I-5 to Medina: Bridge Replacement and HOV Project* (PA).

WSDOT has previously consulted with your office on three limits of construction (LOC) revisions to expand our construction staging area at the WSDOT Peninsula. These revisions, documented in letters dated 7/11/2013, 8/10/2016, and 7/5/2018, added 1.1 acres of land to our LOC for parking and utility work associated with the staging area, as well as temporary relocation of a wireless communication facility adjacent to the staging area during the period of construction. We received concurrence from your office with our determination of "no adverse effects" from those expansions on 8/12/2013, 8/31/2016, and 7/13/2018. While those letters addressed effects under Section 106 of the National Historic Preservation Act, there was no explicit reference to use of the property under Section 4(f) of the U.S. Department of Transportation Act. This letter is to notify you of FHWA's intent to make a *de minimis* determination for these three expansions of the LOC at the WSDOT peninsula staging area.

As documented in the Cultural Resources Discipline Report in our 2011 Final Environmental Impact Statement, the WSDOT peninsula has been a WSDOT-owned transportation facility since 1963, but it is within the historic footprint of the NRHP eligible Washington Park Arboretum. The Discipline Report notes that the Arboretum

is eligible as a historic designed landscape under Criterion A for its association with the Alaska-Yukon-Pacific Exposition, the UW, the WPA, and the Olmsted Brothers' parks and parkways system of Seattle, and under Criterion C for its design by the Olmsted Brothers as well as the many other talented designers and architects who have contributed to it. Taken as a whole, the Arboretum retains good integrity in all seven aspects; however, the area within the WSDOT Peninsula has lost considerable integrity from the conversion to transportation right-of-way and construction of physical elements such as bridge support columns, associated ramps, and approaches. As such, the WSDOT peninsula was determined to be a non-contributing element to the Arboretum's overall integrity and the use as a staging area, while temporarily altering the Arboretum's setting and feeling during construction, would not reduce the historic association or architectural features that make the Arboretum significant.

The use of the expanded LOC is consistent with our past analysis of effects from the staging area. Based on that, and your concurrence with our previous "no adverse effects" determinations, WSDOT and FHWA intend to make a determination that there is a *de minimis* impact under 4(f) for the expanded LOC footprint.

If you have any questions or concerns, please contact me at (206) 805-2895, e-mail <a href="maintenanger.geomail.geoma

Sincerely,

Cassandra Manetas

WSDOT Cultural Resources Specialist

assandia Manetas

Cc:

Sharon Love, FHWA
Jeff Horton, FHWA
Scott Williams, WSDOT
Denise Cieri, WSDOT
Document Control, WSDOT