

# South Lake Union Seattle, Washington

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## Cleanup Site Summary

Prepared for



Toxics Cleanup Program  
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## Abbreviations & Acronyms

--	not applicable
AC	Awaiting Cleanup
BTEX	benzene, toluene, ethylbenzene, and xylenes
cPAH	carcinogenic polycyclic aromatic hydrocarbon
CS	Cleanup Started
CSL	Cleanup Screening Level
DEM	Digital Elevation Model
Ecology	Washington State Department of Ecology
EIM	Environmental Information Management
GW	groundwater
IC	Independent Cleanup
IRAP	Independent Remedial Action Program
J	estimated concentration
LUST	leaking underground storage tank
mg/kg	milligrams per kilogram
MTCA	Model Toxics Control Act
NFA	No Further Action
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethene or tetrachloroethylene
RL	reporting limit
SCO	Sediment Cleanup Objective
SCS	State Cleanup Site
SL	screening level
SMS	Sediment Management Standards
TCE	trichloroethene or trichloroethylene
TCP	Toxics Cleanup Program
TEF	toxicity equivalency factor
TEQ	toxic equivalent concentration
TOC	top of casing
U	not detected
UJ	not detected, estimated detection limit
ug/kg	micrograms per kilogram
ug/L	micrograms per liter
USGS	U.S. Geological Survey
VCP	Voluntary Cleanup Program
VOC	volatile organic compound
WAC	Washington Administrative Code
WRIA	Water Resource Inventory Area

## 1.0 Introduction

The Washington State Department of Ecology (Ecology) asked Leidos to review publically available databases and compile information about the larger South Lake Union area (Figures 1 and 2). The specific goals of the review were to:

- Determine the approximate area of natural surface water and groundwater flow to the southerly portions of Lake Union (Section 2, Figure 2) to define the study area boundaries.
- Compile information in Ecology databases to identify cleanup sites within the study area (Section 3, Table 1, and Figure 3).
- Summarize soil and groundwater data available in Ecology's Environmental Information Management (EIM) database and for the cleanup sites identified above, and compare chemical concentration data to screening levels provided by Ecology (Section 3 and Tables 2 through 16).
- Summarize sediment data available in the EIM database for portion of Lake Union within the study area and compare the data to the Washington State Sediment Management Standards (SMS) (Washington State Administrative Code [WAC] 173-204-130(3) and (4)) Freshwater Sediment Cleanup Objectives (SCOs) and Cleanup Screening Levels (CSLs) listed in the *Sediment Cleanup Users Manual II* (Ecology 2015) (Section 4 and Table 17).
- Prepare a series of maps that show the locations of cleanup sites and summarize soil, sediment and groundwater data (Figures 4 through 41).

The area of natural surface water and groundwater flow to the lake were determined using information available in the *Puget Sound Characterization. Volume 1: The Water Resources Assessments* (Stanley et al. 2016) and land surface elevation in the vicinity of the lake to define the South Lake Union study area. The study area includes approximately 2,100 acres of land around the southern end of the lake. The approximate boundaries of the study area (Figure 1) as defined by city streets are:

- Northern boundary – West McGraw Street (west side of Lake Union) and East Lynn Street (east side of Lake Union)
- Western boundary – Queen Anne Avenue North
- Eastern boundary – 115th Avenue
- Southwestern boundary – Third Avenue
- Southeastern boundary – Cherry Street.

## 2.0 Surface Water and Groundwater Flow to South Lake Union

Leidos used the 10-meter digital elevation model (DEM) and a steepest path algorithm in the Hydrology Toolbox from ArcGIS software to determine the approximate area where surface water naturally flows to the southern end of Lake Union.

A watershed is an area of land that drains all the streams and rainfall to a common outlet such as the outflow of a reservoir, mouth of a bay, or any point along a stream channel. The watershed consists of surface water, which is defined as lakes, streams, reservoirs, and wetlands, and all the underlying groundwater (USGS 2017). The boundaries of Analysis Unit 8119 of the Water Resource Inventory Area (WRIA) 8, Cedar/Sammamish Watershed (Stanley et al. 2016), were used to identify the approximate area where groundwater naturally flows to Lake Union. Stormwater conveyance systems and dewatering associated with construction in the study area disrupt the natural flow of groundwater to South Lake Union. Evaluation of the effects of these disruptions is beyond the scope of this study.

The study area boundary was defined to include all land where the steepest path algorithm indicated that surface water would flow to South Lake Union and the boundaries of the watershed analysis unit. The study area covers 2,142 acres. The resulting study area boundary is shown on Figure 2.

Leidos reviewed land surface elevation, well top-of-casing (TOC) elevation, well screen interval, and depth-to-groundwater measurements available in EIM to determine if enough data were available to prepare potentiometric maps to confirm groundwater flow direction. Of the 53 cleanup sites with data uploaded to EIM, land surface and/or well TOC elevation were available for 27 sites, well screen intervals were available for 16 sites, and depth-to-groundwater measurements were available for seven sites. Elevation, well screen, and depth-to-groundwater data were available for only six sites.

Cleanup Site	Well TOC Elevation	Well Screen Interval	Depth-to-Groundwater
1214 8 <sup>th</sup> Ave	●	●	
202 Westlake Office Building	●	●	
400 Fairview LLC (land surface elevation)	●	●	●
525 Boren Building	●		
American Linen Supply	●	●	●
Aoki Property	●	●	
ARE Seattle No 15 LLC	●	●	
BMW Seattle Pike Street	●	●	
Budget Rent a Car of WA & OR Westlake	●		
City Place IV	●		
Equinox Apartments	●		
Fat City Inc Seattle	●		



Cleanup Site	Well TOC Elevation	Well Screen Interval	Depth-to-Groundwater
Fifth and Broad Property	●	●	●
Foley Sign Company	●		
Greyhound Denny Way Facility	●	●	●
Inhabit Eastlake	●	●	
IRIS 500 – 5 <sup>th</sup> Avenue Redevelopment Project	●		●
Jiffy Lube Store 2707	●		
Lenora Building	●	●	
Marlborough House	●	●	
Melrose & Pine Development	●	●	
Modera Capitol Hill	●	●	
Neptune Apartments	●	●	●
Red Apple Market	●		
South Lake Union 293 Parcel A	●	●	
TOSCO 25535330857	●		
Troy Laundry Seattle	●		
Unocal 5474			●

In order to prepare a valid potentiometric map, depth to groundwater measurements must be taken within similar time periods and ideally under similar conditions. In addition, the wells must be screened at similar intervals within the same aquifer. Five sets of groundwater measurements were identified that might be used to prepare maps to estimate groundwater elevation and flow direction. These five data sets are identified in bold type in the table below. However, based on the distances between the sites, dewatering that has occurred during construction projects within the study area, and that it is not known if all wells are screened in the same aquifer, Ecology and Leidos determined that it would be premature to prepare regional potentiometric maps with the data that are currently available (Thomas 2017).

Cleanup Site	Depth to Groundwater Measurement Dates										
								<b>June 2012</b>	<b>Jan 2013</b>	<b>Apr 2013</b>	
400 Fairview LLC											
American Linen Supply Co Dexter	Jan 2009	Feb 2010	May 2010	<b>Feb 2011</b>	<b>June 2011</b>	Feb 2012			<b>Dec 2012</b>	<b>Mar 2013</b>	Jan 2014
Fifth and Broad Property											2015-2016
Greyhound Denny Way Facility	Dec 2008	Mar 2010	June 2010	<b>Mar 2011</b>	<b>June 2011</b>	Feb 2012		<b>July 2012</b>	<b>Dec 2012</b>	<b>Mar 2013</b>	Jan 2014
IRIS 500 - 5TH Ave Redevelopment				<b>Feb 2011</b>	<b>July 2011</b>						
Neptune Apartments								<b>July 2012</b>	<b>Dec 2012</b>		

### 3.0 Cleanup Sites and Environmental Data

To identify cleanup sites within the South Lake Union study area, Leidos reviewed the following Ecology databases and interactive maps.

- Facility/Site Database (<http://www.ecy.wa.gov/fs/>)
- Cleanup Site Search (<https://fortress.wa.gov/ecy/gsp/SiteSearchPage.aspx>)
- Toxics Cleanup Program (TCP) Web Reporting (<https://fortress.wa.gov/ecy/tcpwebreporting/Report.aspx>)
- What's In My Neighborhood (<https://fortress.wa.gov/ecy/neighborhood/>)

Information collected from each of these sources was cross-referenced to gather all available cleanup site information. Through this review, 234 cleanup sites were identified within the study area. A summary of cleanup site information collected from Ecology databases is provided below. Information collected for each cleanup site is provided in detail in Table 1.

<b>Cleanup Site Information from Ecology Databases</b>	
<b>Cleanup Site Type</b>	
State Cleanup Site	40
Leaking Underground Storage Tank (LUST) Site	87
Independent Remedial Action Program (IRAP)	7
Voluntary Cleanup Program (VCP)	117
Independent Cleanup (IC)	31
<b>Site Status</b>	
Awaiting Cleanup	21
Cleanup Started	91
No Further Action	122
<b>EIM</b>	
EIM Data Available	53
Soil Data Only	23
Groundwater Data Only	5
Soil and Groundwater Data	24

Note: Sites may be represented in more than one category

Ecology Facility/Site Database Definitions: State Cleanup Site – Site that is being cleaned up under Washington State regulations, including Model Toxics Control Act (MTCA) or its predecessors; LUST Site – A leaking underground storage tank site being cleaned up with Ecology oversight or review; IRAP – Ecology staff review IRAP reports and provide written determination indicating whether the cleanup meets MTCA standards; VCP – For a fee, Ecology staff will review an independent cleanup report(s) and provide a written decision about the adequacy of the cleanup actions taken and described in the report; IC – Any remedial action without department oversight or approval and not under an order or decree; EIM – Environmental Information Management System

The location of each cleanup site is shown on Figure 3. Detailed cleanup site location maps are provided in Appendix A. Table 2 provides a summary of type of samples and chemical analyses conducted for sites with data uploaded to EIM.

For this review, Ecology requested Leidos to summarize data for the following chemical parameters.

- Chlorinated volatile organic compounds (VOCs) – tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride
- BTEX – benzene, toluene, ethylbenzene, and total xylenes
- Metals – arsenic, cadmium, chromium, copper, lead, mercury, and zinc
- Carcinogenic polycyclic aromatic hydrocarbons (cPAHs)
- Polychlorinated biphenyls (PCBs)
- Petroleum hydrocarbons – diesel, gasoline, and heavy oil

Leidos downloaded data from EIM on March 6, 2017. Data uploaded to EIM after this date are not included in this report. The following edits were made to the downloaded information.

- Chemical names were edited for consistency (e.g., gasoline, gasoline range organics, and gasoline range hydrocarbons were renamed as gasoline).
- Analytical results for soil samples were converted to milligrams per kilogram (mg/kg), as needed.
- Analytical results for groundwater samples were converted to micrograms per liter (ug/L), as needed.
- The cPAH toxic equivalent concentration (TEQ) was calculated for individual samples using one-half the detection limit for undetected PAHs and the toxicity equivalency factors (TEFs) provided in Table 708-2 under WAC 173-340-708(e) in the Model Toxics Control Act (MTCA).
- The total PCB Aroclor concentration was calculated for individual samples, using detected Aroclor concentrations only.
- The total xylene concentration was calculated for individual samples where m,p-xylenes and o-xylene concentrations were reported separately.

The following screening levels were used to identify sites where chemical concentrations in soil and groundwater may represent a potential source of contamination to South Lake Union. For soil, MTCA Equation 747-1 was used to calculate screening levels that are protective of groundwater via the leaching pathway for the saturated zone. Since depth-to-groundwater measurement data were not available for many of the cleanup sites, Leidos used the saturated zone screening level for all soil data to perform a conservative analysis. For groundwater, a modified version of the MTCA three-phase model was used to calculate screening levels that are protective of sediment. Screening levels for each chemical are provided in the sample summary tables (Tables 3 through 16). Tables 3 and 4 provide summaries of chemical concentrations and screening level exceedances in soil and groundwater for the 53 cleanup sites with data in EIM. Tables 5 through 16 summarize the highest concentrations of VOCs, BTEX, metals, cPAH TEQs, total PCB Aroclors, and petroleum hydrocarbons reported in soil and groundwater at each cleanup site.

Figures 4 through 41 show the exceedance factor<sup>1</sup> of chemical concentrations in soil and groundwater compared to the screening levels. To prepare the soil figures, the greatest screening level exceedance of a chemical from all soil sampling events at a site is presented. For the groundwater figures, the greatest screening level exceedance from the most recent sampling event was used. If a chemical was not detected in soil or groundwater, the highest reporting limit was used for comparison.

Review of these figures indicates that most concentrations and reporting limits exceed the screening levels. The available environmental data set is small; only 23 percent of the cleanup sites within the study area have uploaded data to EIM. The size of the current data set is too small to identify data trends throughout the study area. Data sets for individual sites are likely to be useful for the much smaller area encompassed by each cleanup site.

### 3.1 Chlorinated Volatile Organic Compounds

PCE was analyzed at 31 cleanup sites. TCE and vinyl chloride were analyzed at 30 cleanup sites. Within the study area, the following detection frequencies were observed.

Chemical	Number of Soil Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
PCE	2,756	20	98	20
TCE	2,745	5	100	5
Vinyl Chloride	2,742	0.3	100	0.3

Chemical	Number of Groundwater Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
PCE	1,584	22	20	4
TCE	688	31	92	28
Vinyl Chloride	688	22	100	22

Tables 5 and 6 summarize the highest concentrations of chlorinated VOCs reported by each cleanup site. The highest detected concentrations of chlorinated VOCs in soil and groundwater were observed at the following cleanup sites. For groundwater, these concentrations are the highest detected concentration from all sampling events performed at the site.

Chemical	Soil Concentration (mg/kg)	Cleanup Site	Groundwater Concentration (ug/L)	Cleanup Site
PCE	620	Aoki Property	230,000	American Linen Supply
TCE	0.6	400 Fairview LLC	5,100	American Linen Supply
Vinyl Chloride	0.4	Troy Laundry	7,500	American Linen Supply

<sup>1</sup> The exceedance factor is calculated by dividing the reported concentration by the screening level. The reporting limit (RL) is used to calculate the exceedance factor when an analyte is not detected.

Table 6 lists the highest detections in groundwater for all sampling events, the most recent detection (which may not be the most recent sampling event), and the chemical concentration during the most recent sampling event. Concentrations of chlorinated VOCs in groundwater at American Linen Supply have decreased, but remain above screening levels.

Figures 4 through 9 show the highest concentrations of chlorinated VOCs detected in soil and the chlorinated VOC concentrations in groundwater from the most recent sampling event.

### 3.2 Benzene, Toluene, Ethylbenzene and Xylenes

BTEX was analyzed at 46 cleanup sites. Within the study area, the following detection frequencies were observed.

Chemical	Number of Soil Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
Benzene	2,803	16	100	16
Toluene	2,756	12	79	9
Ethylbenzene	2,750	19	93	17
Total Xylenes	2,752	19	54	10

Chemical	Number of Groundwater Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
Benzene	1,788	43	87	37
Toluene	564	97	0	0
Ethylbenzene	1,792	39	48	19
Total Xylenes	1,776	34	23	8

Tables 7 and 8 summarize the highest concentrations of BTEX reported by each cleanup site. The highest detected concentrations of BTEX in soil and groundwater were observed at the following cleanup sites. For groundwater, these concentrations are the highest detected concentration from all sampling events performed at the site.

Chemical	Soil Concentration (mg/kg)	Cleanup Site	Groundwater Concentration (ug/L)	Cleanup Site
Benzene	170	TOSCO 25535330857	14,000	TOSCO 25535330857
Toluene	533	TOSCO 25535330857	30,500	TOSCO 25535330857
Ethylbenzene	440	TOSCO 25535330857	4,800	TOSCO 25535330857
Total Xylenes	1,100	TOSCO 25535330857	22,560	TOSCO 25535330857

Table 8 lists the highest detections in groundwater for all sampling events, the most recent detection (which may not be the most recent sampling event), and the chemical concentration during the most recent sampling event. During the most recent sampling event at the TOSCO

site, benzene was not detected, toluene was detected but below the screening level, and ethylbenzene and total xylenes concentrations were lower, but still above the screening level.

Figures 10 through 17 show the highest concentrations of BTEX detected in soil and the BTEX concentrations in groundwater from the most recent sampling event.

### 3.3 Metals

Arsenic, cadmium, and mercury were analyzed at 25 sites, chromium at 26 sites, copper at 7 sites, lead at 34 sites, and zinc at 7 sites. Within the study area, the following detection frequencies were observed.

Chemical	Number of Soil Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
Arsenic	674	46	100	46
Cadmium	583	14	100	14
Chromium	466	93	0	0
Copper	40	100	100	100
Lead	1,413	84	13	11
Mercury	506	32	100	32
Zinc	45	96	93	96

Chemical	Number of Groundwater Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
Arsenic	154	60	100	60
Cadmium	83	5	75	4
Chromium	137	23	100	23
Copper	47	0	0	0
Lead	1,504	41	27	11
Mercury	119	3	100	3
Zinc	2	50	100	50

Tables 9 and 10 summarize the highest concentrations of metals reported by each cleanup site. The highest detected concentrations of metals in soil and groundwater were observed at the following cleanup sites. For groundwater, these concentrations are the highest detected concentration from all sampling events performed at the site.

Chemical	Soil Concentration (mg/kg)	Cleanup Site	Groundwater Concentration (ug/L)	Cleanup Site
Arsenic	48	IRIS Holding LLC	37	ARE Seattle No 15 LLC
Cadmium	11.5	Modera Capitol Hill	28.7	Troy Laundry

Chemical	Soil Concentration (mg/kg)	Cleanup Site	Groundwater Concentration (ug/L)	Cleanup Site
Chromium	134	Fat City Inc Seattle	300	202 Westlake Office Building
Copper	130	City Place IV Block 34	--	--
Lead	11,600	TOSCO 25535330857	7,810	TOSCO 25535330857
Mercury	4	Rosen Property	23	Troy Laundry
Zinc	1,100	City Place IV Block 34	200	City Place IV Block 34

Table 10 lists the highest detections in groundwater for all sampling events, the most recent detection (which may not be the most recent sampling event), and the chemical concentration during the most recent sampling event. Analysis for metals in groundwater has been performed only one or two times at many cleanup sites. At the ARE Seattle No 15 LLC site, where arsenic was detected at 37 ug/L, the arsenic concentration from a second and more recent sampling event (performed three months later) was 36 ug/L. For cadmium, chromium, lead, mercury, and zinc, the highest concentration is from the most recent, and only, sampling event based on the data uploaded to EIM.

Figures 18 through 31 show the highest concentrations of metals detected in soil and the metals concentrations in groundwater from the most recent sampling event.

### 3.4 Carcinogenic Polycyclic Aromatic Hydrocarbons

The cPAHs are benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The cPAH TEQ can be calculated only when all seven cPAHs have been analyzed. Samples analyzed for all of the cPAHs were collected at 19 sites. Within the study area, the following detection frequencies were observed.

Chemical	Number of Soil Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
cPAH TEQ	659	26	100	26

Chemical	Number of Groundwater Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
cPAH TEQ	61	23	100	23

Tables 11 and 12 summarize the highest concentrations of cPAHs reported by each cleanup site. The highest detected cPAH TEQ in soil and groundwater were observed at the following cleanup sites. For groundwater, these concentrations are the highest detected concentration from all sampling events performed at the site.

Chemical	Soil Concentration (mg/kg)	Cleanup Site	Groundwater Concentration (ug/L)	Cleanup Site
cPAH TEQ	25.2	Rosen Property	2.4	Melrose & Pine Development

Table 12 lists the highest detections in groundwater for all sampling events, the most recent detection (which may not be the most recent sampling event), and the chemical concentration during the most recent sampling event. Analysis for cPAHs in groundwater has not been consistently performed for many sites. The highest concentration is from the most recent sampling event.

Figures 32 and 33 show the highest concentrations of the cPAH TEQ detected in soil and the cPAH TEQ concentrations in groundwater from the most recent sampling event.

### 3.5 Polychlorinated Biphenyls

PCB Aroclors were analyzed at 11 sites. Within the study area, the following detection frequencies were observed.

Chemical	Number of Soil Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
Total PCB Aroclors	68	3	100	3

Chemical	Number of Groundwater Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
Total PCB Aroclors	17	0	0	0

Tables 13 and 14 summarize the highest concentrations of PCBs reported by each cleanup site. The highest detected concentrations of total PCB Aroclors in soil was observed at the following cleanup site. PCBs were not detected in groundwater; however the reporting limits for all samples exceeded the screening level (Table 14).

Chemical	Soil Concentration (mg/kg)	Cleanup Site	Groundwater Concentration (ug/L)	Cleanup Site
Total PCB Aroclors	0.88	Japanese Auto Clinic	Not Detected	--

Figures 34 and 35 show the highest concentrations of total PCB Aroclors detected in soil and the total PCB Aroclor concentrations in groundwater from the most recent sampling event.

### 3.6 Petroleum Hydrocarbons

Diesel and gasoline were analyzed at 49 cleanup sites. Heavy oil was analyzed at 46 cleanup sites. Within the study area, the following detection frequencies were observed.



Chemical	Number of Soil Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
Diesel	3,049	19	13	2
Gasoline	3,027	25	63	16
Heavy Oil	2,920	17	15	2

Chemical	Number of Groundwater Samples	Detection Frequency (percent)	Percent of Detections Above Screening Level	Percent of All Samples above Screening Level
Diesel	1,580	32	37	12
Gasoline	1,626	53	58	30
Heavy Oil	1,573	18	35	6

Tables 15 and 16 summarize the highest concentrations of petroleum hydrocarbons reported by each cleanup site. The highest detected concentrations of petroleum hydrocarbons in soil and groundwater were observed at the following cleanup sites. For groundwater, these concentrations are the highest detected concentration from all sampling events performed at the site.

Chemical	Soil Concentration (mg/kg)	Cleanup Site	Groundwater Concentration (ug/L)	Cleanup Site
Diesel	66,700	Fat City Inc Seattle	65,000	Greyhound Lines Inc
Gasoline	2,730	202 West Lake Office Building	240,000	American Linen Supply
Heavy Oil	40,000	Lenora Building	28,800	TOSCO 25535330857

Table 16 lists the highest detections in groundwater for all sampling events, the most recent detection (which may not be the most recent sampling event), and the chemical concentration during the most recent sampling event. Data from the most recent sampling events at these sites shows that chemical concentrations for these specific petroleum hydrocarbons have decreased. However, petroleum hydrocarbon concentrations in groundwater remain elevated at other sites, such as the 525 Boren Building, Freymuller Enterprises, and Unocal 5474 (Table 16).

Figures 36 through 41 show the highest concentrations of petroleum hydrocarbons detected in soil and the petroleum hydrocarbon concentrations in groundwater from the most recent sampling event.

## 4.0 South Lake Union Sediment Studies

Leidos reviewed data for 94 sediment samples collected from Lake Union within the study area in an attempt to develop a preliminary understanding of contamination in Lake Union and how it relates to soil and groundwater contamination. Sediment data were available from 15 studies. The sediment studies, as described in EIM, included the following.

EIM Study ID	EIM Study Name
AODE2008	Gas Works Park WA Natural Gas Analytical Data Information, Seattle, WA
EPAGAS84	Lake Union Sediment Investigation
FWLKUN01	Lake Union Sediment Quality Study
KC_old	Historic data required by NPDES data to be submitted to Ecology
KCf_LkUnion	LAKE UNION SEDIMENT STUDY
LKUNDRDK	Lake Union Drydock Sediment Monitoring
LKUNION	Survey of Contaminants in Lake Union
LUUCSO97	University Regulator Post CSO Separat'n
LUUMON86	King County Lake Union Sediment Monitoring 81-86.
LUUMON95	King County Lake Union Sediment Monitoring 1995
NOAPMC94	Pacific Marine Center Sediment Survey
RETEC_02	RETEC 2002
SCLITE89	SEATTLE CITY LIGHT, 11/89
SEACOM94	Seattle Commons Sediment Sampling Report
SLUPRK90	So. Lake Union Park -Kurtzer Marine Park

Leidos downloaded the sediment data from EIM on March 6, 2017. Data uploaded to EIM after this date are not included in this report. The following edits were made to the downloaded information.

- Chemical names were edited for consistency (e.g., gasoline, gasoline range organics, and gasoline range hydrocarbons were renamed as gasoline).
- Analytical results for sediment samples were converted to mg/kg or ug/kg, as needed, for comparison to the SCO and CSL for each chemical.
- The cPAH TEQ was calculated for individual samples using one-half the detection limit for undetected PAHs and the TEFs provided in Table 708-2 under WAC 173-340-708(e) in MTCA. The cPAH TEQ was calculated only for samples with results for all seven cPAHs (benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene).
- The total PCB Aroclors concentration was calculated for individual samples, using detected Aroclor concentrations only.

A summary of chemical analyses in sediment samples is provided below.

Chemical	Number of Sample Results	
	Dry Weight	Wet Weight
<b>Volatile Organic Compounds</b>		
PCE	18	
TCE	18	
Vinyl Chloride	18	
<b>Benzene, Toluene, Ethylbenzene, and Xylenes</b>		
Benzene	18	
Toluene	18	
Ethylbenzene	18	
Total Xylenes	28	
<b>Metals</b>		
Arsenic	64	5
Cadmium	64	6
Chromium	64	5
Copper	70	5
Lead	70	5
Mercury	68	8
Zinc	70	5
<b>Polycyclic Aromatic Hydrocarbons<sup>1</sup></b>		
cPAH TEQ	51	
<b>Polychlorinated Biphenyls</b>		
Total PCB Aroclors	50	5
<b>Petroleum Hydrocarbons</b>		
Diesel	6	5
Gasoline	3	
Heavy Oil	8	5

<sup>1</sup>—samples meeting requirements to calculate the cPAH TEQ

Chemical concentrations were screened against the Washington State SMS freshwater SCO and CSL presented in Table 81 of the Sediment Cleanup Users Manual II (Ecology 2015). Table 17 provides a summary of chemical concentrations and screening level exceedances for the sediment samples. The SCO and CSL for chemicals with a freshwater screening value are provided in Table 17. A SCO and CSL for freshwater sediment have not been promulgated for the following chemicals.

- PCE, TCE, and vinyl chloride
- benzene, toluene, ethylbenzene, and total xylenes

- cPAH TEQ
- gasoline

Dry weight chemical concentrations compared to the freshwater SCOs are presented on even-numbered Figures 4 through 40. For chemicals that do not have a freshwater SCO, the figures show whether the chemical was detected or not detected in the sediment samples. For some studies, multiple samples were collected from the same location. In these cases, the symbol for a detected chemical is shown if the chemical was detected in at least one sample from the location. For example, eight samples were analyzed for heavy oil petroleum hydrocarbons and four of these samples were collected from the same location; therefore, only five sample locations are shown on Figure 40.

The size of the current data set for soil, groundwater, and sediment is generally too small to determine if chemicals exceeding soil and groundwater screening levels correlate to the chemicals exceeding sediment screening levels. There may be a connection between the concentrations of arsenic and chromium observed in sediment and groundwater at the eastern shore of Lake Union (Figures 18, 19, 28 and 29).

#### 4.1 Chlorinated Volatile Organic Compounds

Within the study area, the following detection frequencies were observed for PCE, TCE, and vinyl chloride.

Chemical	Number of Sediment Samples	Detection Frequency (percent)
PCE	18	6
TCE	0	0
Vinyl Chloride	0	0

Summary statistics for chlorinated VOCs in sediment are provided in Table 17. Samples that were analyzed for chlorinated VOCs are shown on Figures 4, 6, and 8.

#### 4.2 Benzene, Toluene, Ethylbenzene, and Xylenes

Within the study area, the following detection frequencies were observed for BTEX.

Chemical	Number of Sediment Samples	Detection Frequency (percent)
Benzene	18	0
Toluene	18	11
Ethylbenzene	18	6
Total Xylenes	28	11

Summary statistics for BTEX in sediment are provided in Table 17. Samples that were analyzed for BTEX are shown on Figures 10, 12, 14, and 16.

### 4.3 Metals

Within the study area, the following detection frequencies were observed for metals. Concentrations of metals in sediment samples were reported as dry weight concentrations and as wet weight concentrations. The summary below shows only the results that were reported as dry weight concentrations.

Chemical	Number of Sediment Samples	Detection Frequency (percent)	Percent of Detections Above SCO	Percent of All Samples above SCO	Percent of Detections Above CSL	Percent of All Samples above CSL
Arsenic	64	98	65	64	13	13
Cadmium	64	98	33	33	8	8
Chromium	64	91	36	33	19	17
Copper	70	100	21	21	9	9
Lead	70	100	50	50	6	6
Mercury	68	99	81	79	78	76
Zinc	70	100	0	0	0	0

Summary statistics for metals in sediment are provided in Table 17. Samples that were analyzed for metals are shown on Figures 18, 20, 22, 24, 26, 28 and 30.

### 4.4 Polycyclic Aromatic Hydrocarbons

A total of 73 sediment samples were analyzed for PAHs. The cPAHs are benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The cPAH TEQ can be calculated only when all seven cPAHs have been analyzed. Only 51 samples were analyzed for all of the cPAHs. Within the study area, the following detection frequencies were observed.

Chemical	Number of Sediment Samples	Detection Frequency (percent)	Percent of Detections Above SCO	Percent of All Samples above SCO	Percent of Detections Above CSL	Percent of All Samples above CSL
cPAH TEQ	51	98	--	--	--	--

Summary statistics for cPAHs are provided in Table 17. Samples that were analyzed for cPAHs are shown on Figure 32.

### 4.5 Polychlorinated Biphenyls

Concentrations of PCB Aroclors in sediment samples were reported as dry weight concentrations for 50 samples and as wet weight concentrations for five samples. Within the study area, the following detection frequencies were observed for PCBs. The summary below shows only the results that were reported as dry weight concentrations.

Chemical	Number of Sediment Samples	Detection Frequency (percent)	Percent of Detections Above SCO	Percent of All Samples above SCO	Percent of Detections Above CSL	Percent of All Samples above CSL
Total PCB Aroclors	50	88	89	78	32	28

Summary statistics for total PCB Aroclors in sediment are provided in Table 17. Samples that were analyzed for PCB Aroclors are shown on Figure 34.

## 4.6 Petroleum Hydrocarbons

Concentrations of petroleum hydrocarbons in sediment samples were reported as dry weight concentrations for gasoline (3 samples), diesel (6 samples), and heavy oil hydrocarbons (8 samples) and as wet weight concentrations for diesel (1 sample) and heavy oil hydrocarbons (5 samples). The summary below shows only the results that were reported as dry weight concentrations. Within the study area, the following detection frequencies were observed for petroleum hydrocarbons.

Chemical	Number of Soil Samples	Detection Frequency (percent)	Percent of Detections Above SCO	Percent of All Samples above SCO	Percent of Detections Above CSL	Percent of All Samples above CSL
Diesel	6	17	100	17	100	17
Gasoline	3	0	--	--	--	--
Heavy Oil	8	100	38	38	38	38

Summary statistics for total petroleum hydrocarbons in sediment are provided in Table 17. Samples that were analyzed for petroleum hydrocarbons are shown on Figures 36, 38, and 40.

## 5.0 References

Ecology (Washington State Department of Ecology). 2015. Sediment Cleanup Users Manual II, Guidance for Implementing the Cleanup Provisions of the Sediment Management Standards, Chapter 173-204 WAC. Publication No. 12-09-057. March 2015.

Stanley, S., S. Grigsby, D. B. Booth, D. Hartley, R. Horner, T. Hraby, J. Thomas, P. Bissonnette, R. Fuerstenberg, J. Lee, P. Olson, George Wilhere. 2016. Puget Sound Characterization. Volume 1: The Water Resources Assessments (Water Flow and Water Quality). Washington State Department of Ecology. Publication #11-06-016. Olympia, WA.

Thomas 2017. Email and personal communication from Rick Thomas (Ecology) to Megan Gay (Leidos) regarding groundwater elevations and contour mapping within the South Lake Union study area. April 2017.

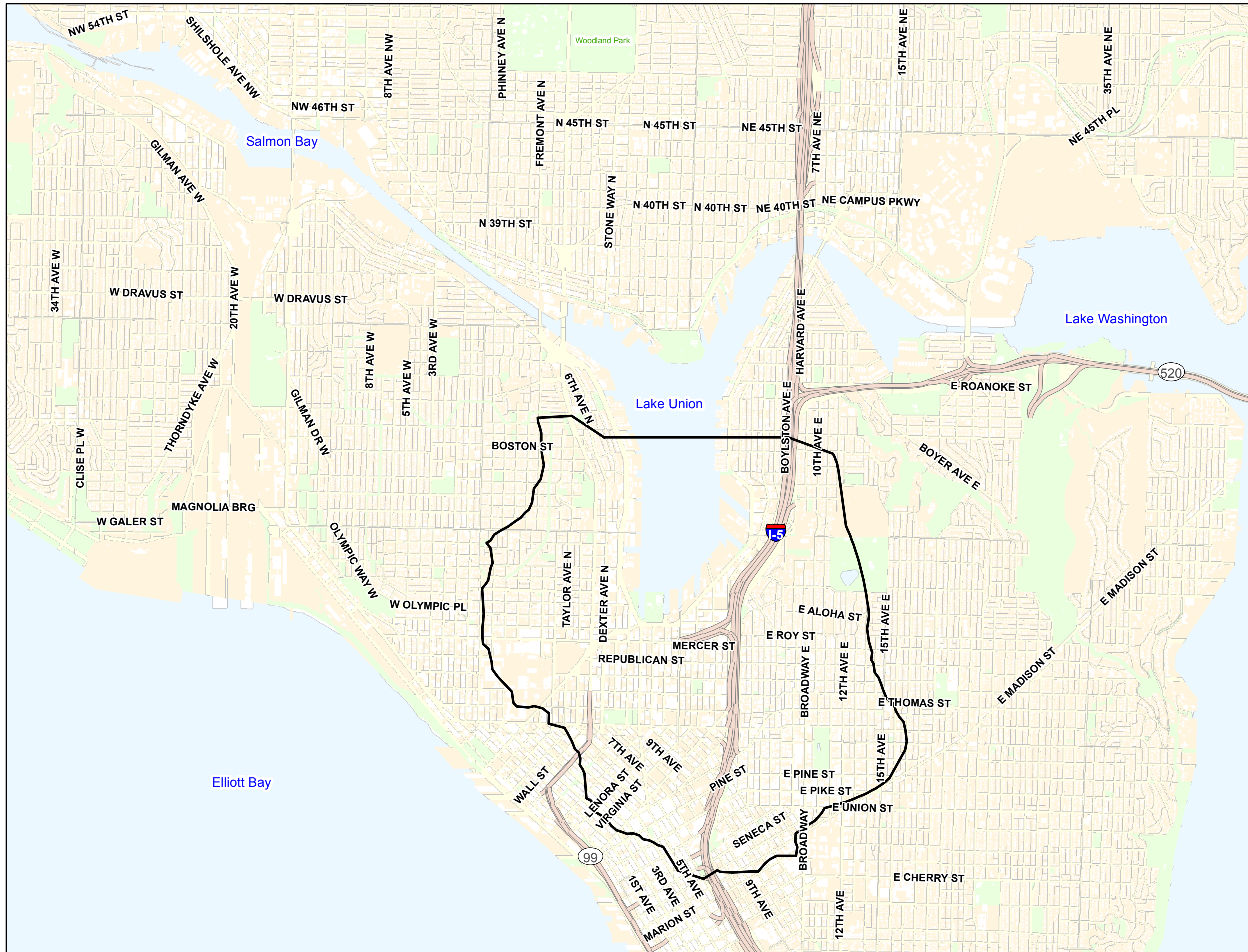
USGS (United States Geological Survey). 2017. The USGS Water Science School <https://water.usgs.gov/edu/watershed.html>. Accessed on April 21, 2017.


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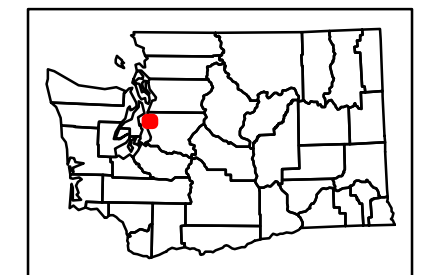


# Figures





**Legend**  
 South Lake Union Study Area

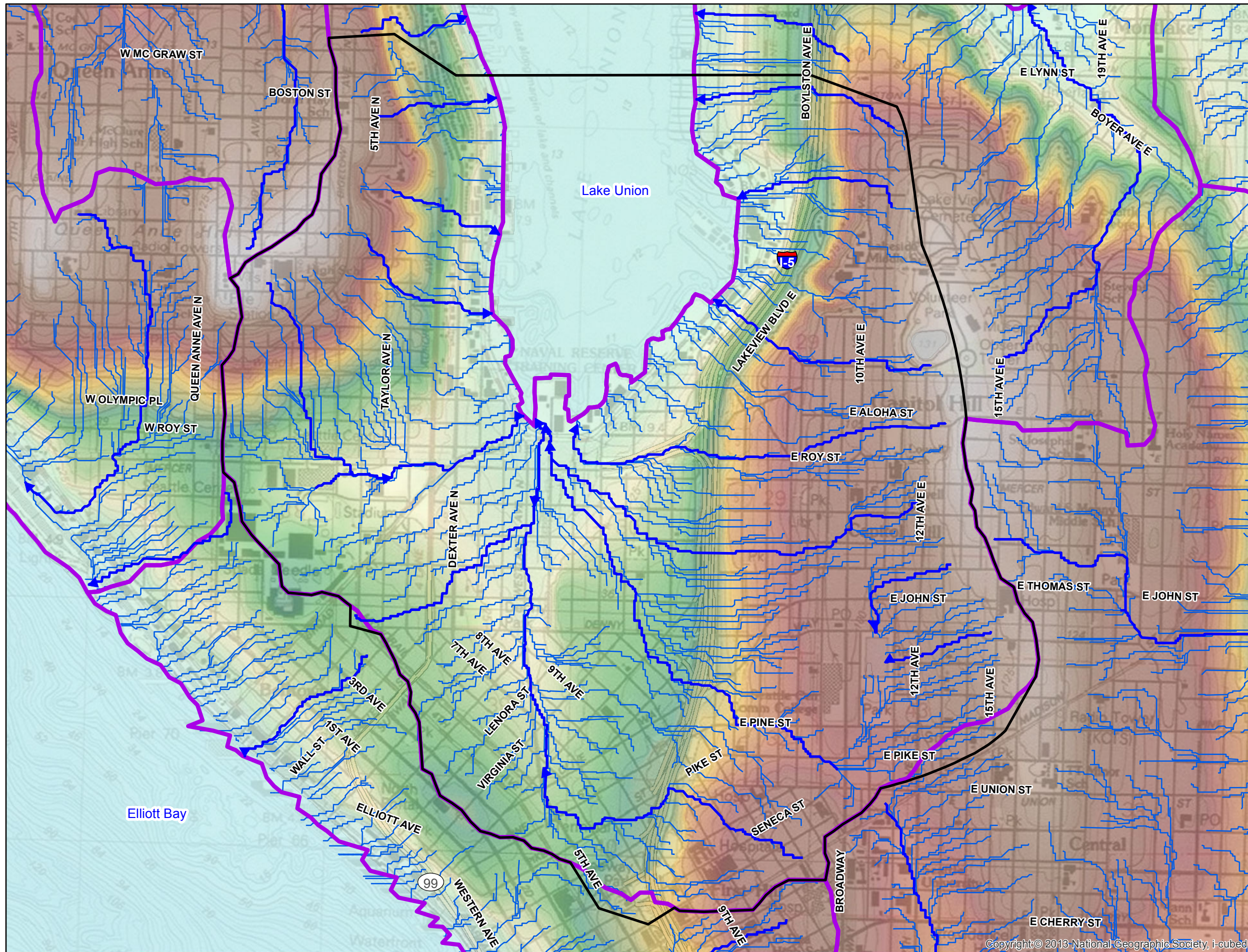


0 1,250 2,500 5,000 Feet  
 1 inch = 2,500 feet  
 Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 1.**  
 South Lake Union Study Area  
 and Vicinity



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 Job No: 320380.00.000.05.30.000

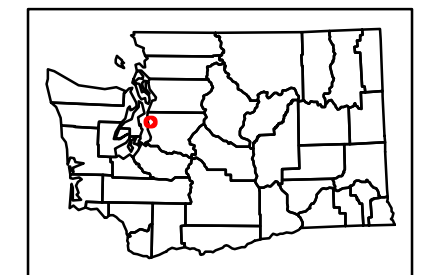


**Legend**

- Surface Flow Direction
- Surface Flow Drainage Pattern
- Watershed Boundary
- South Lake Union Study Area

Elevation Meters

- High : 161.2
- Low : 0



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

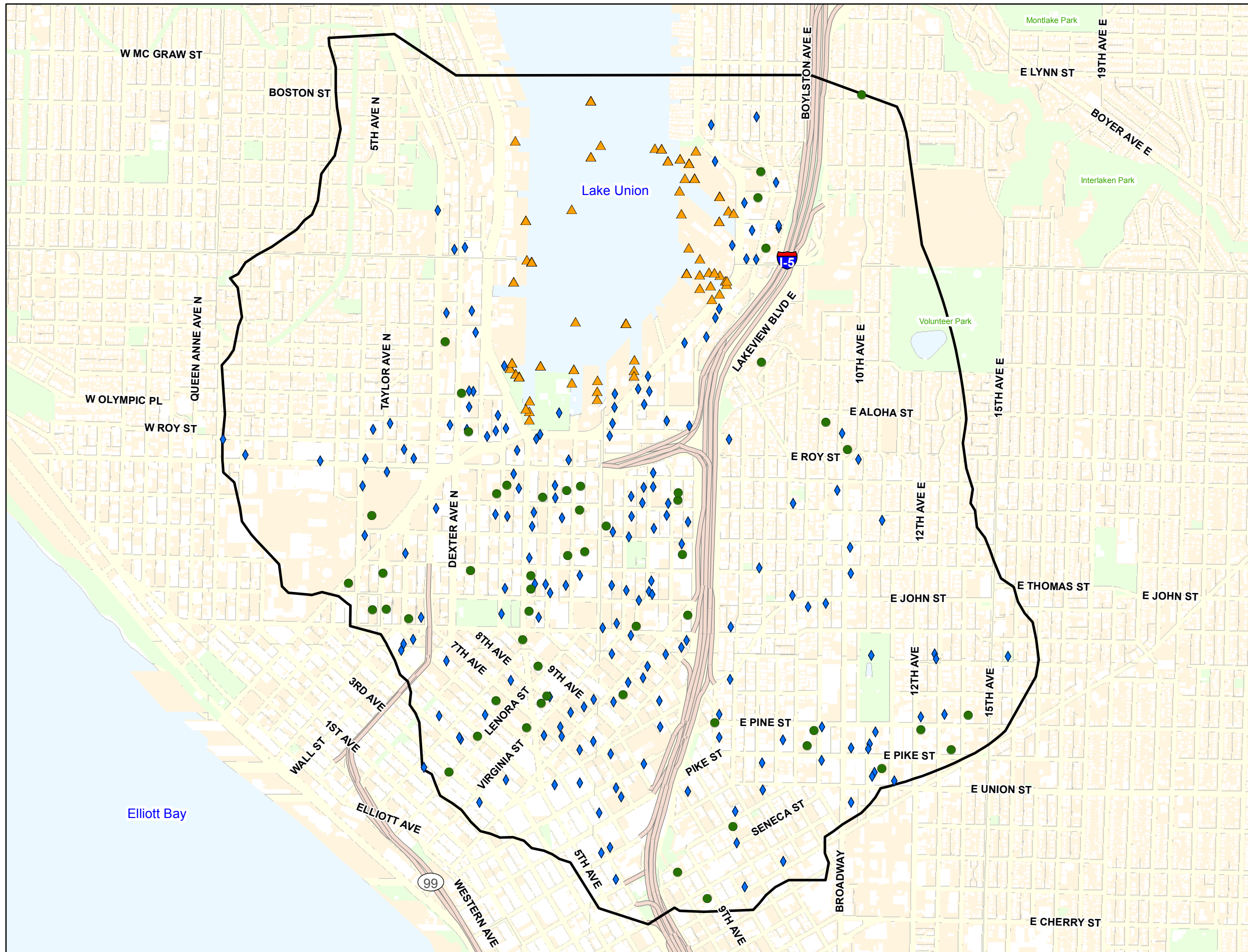
Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 2.**  
South Lake Union Study Area -  
Watershed and Surface  
Drainage Area Map

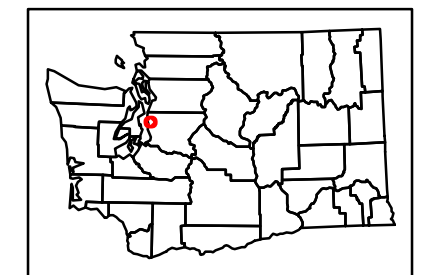


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Date: 6/16/2017  
Job No: 320380.00.000.05.30.000



- Legend**
- Cleanup Site With EIM Data
  - ◆ Cleanup Site Without EIM Data
  - ▲ Sediment Sample Location
  - South Union Lake Study Area

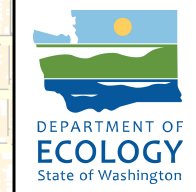


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

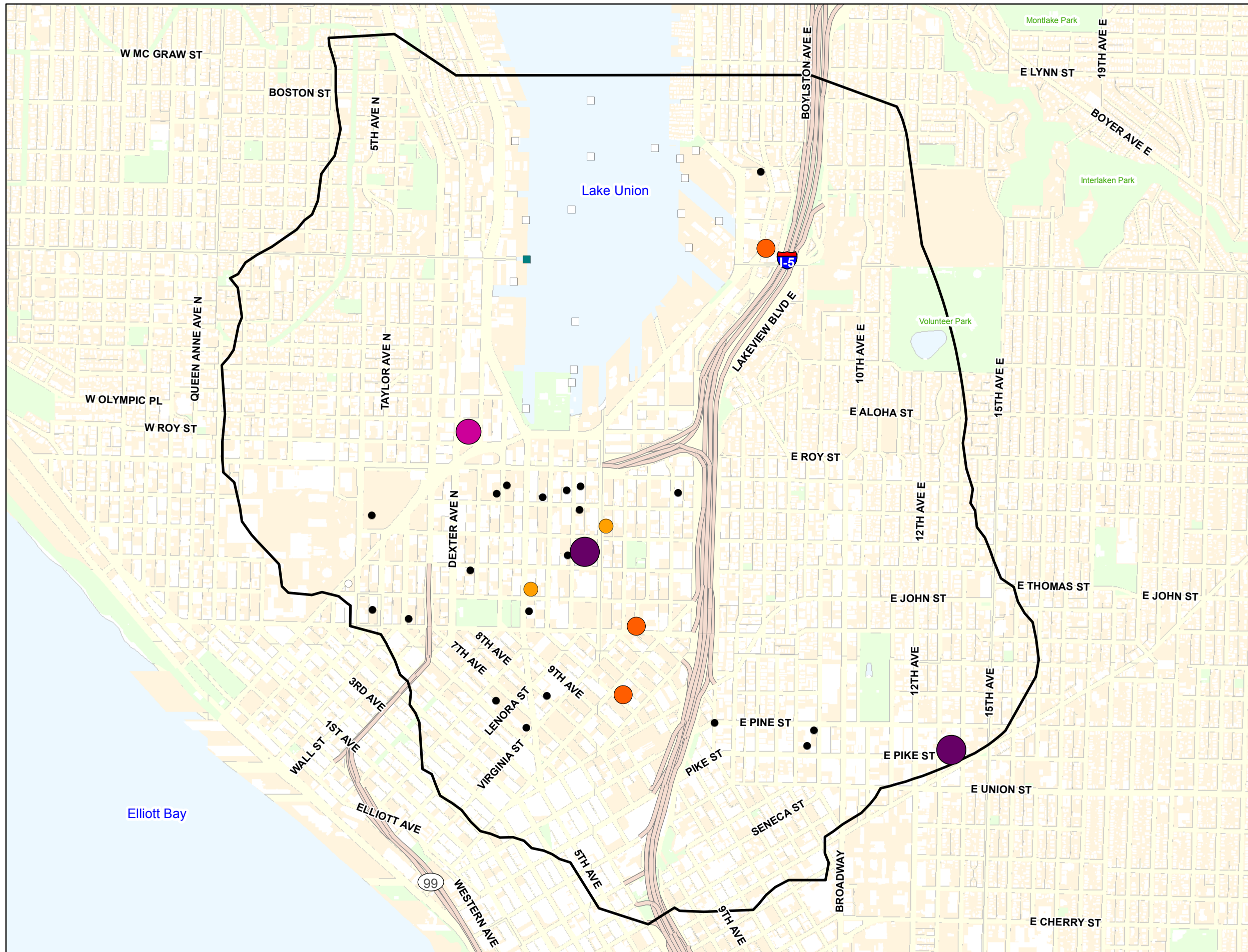
Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 3.**  
South Lake Union Study Area -  
Cleanup Site and Sediment  
Sample Locations



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Job No: 320380.00.000.05.30.000



**Legend**

**PCE in Soil**

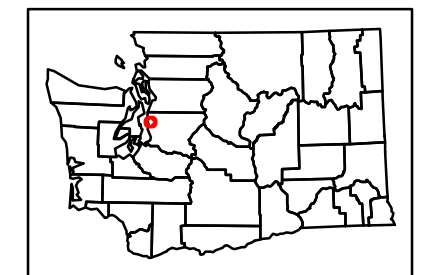
- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- Detection Greater than 10x SL
- Detection Greater than 100x SL
- Detection Greater than 10,000x SL
- Detection Greater than 100,000x SL

**PCE in Sediment**

- Not Detected
- Detected

▭ South Lake Union Study Area

Screening Levels (SL)  
 Soil Protection of Groundwater-Saturated Zone: 0.0016 mg/kg

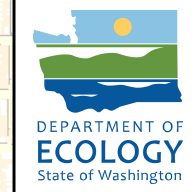


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

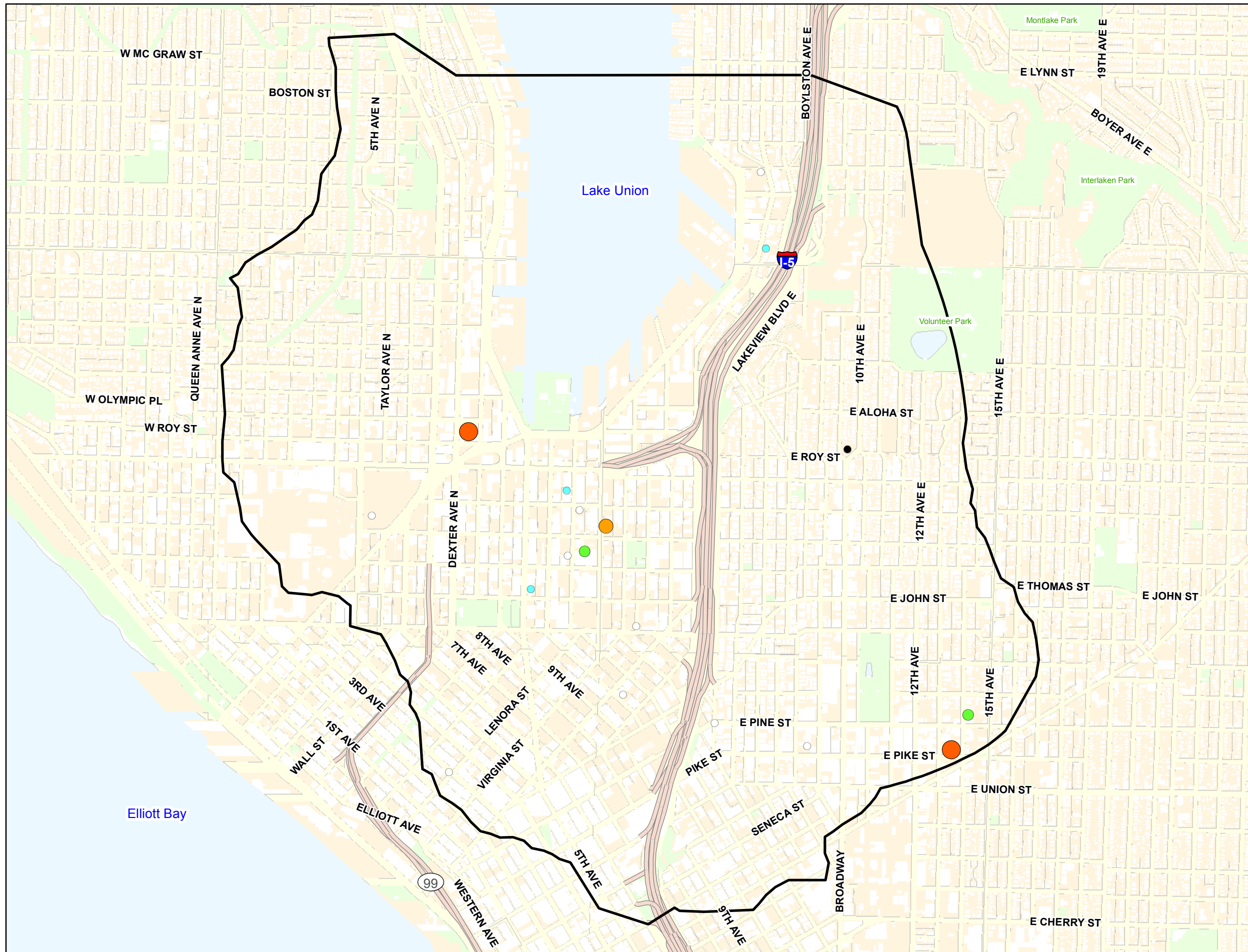
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 4.**  
 South Lake Union Study Area -  
 PCE in Cleanup Site  
 Soil and South Lake Union  
 Sediment Samples



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 Job No: 320380.00.000.05.30.000



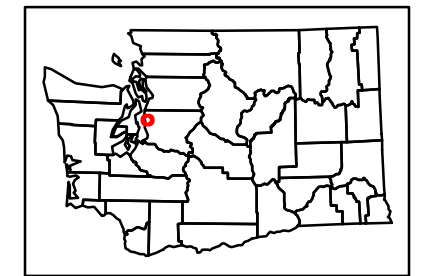
**Legend**

**PCE in Groundwater**

- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment: 2.9 ug/L



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

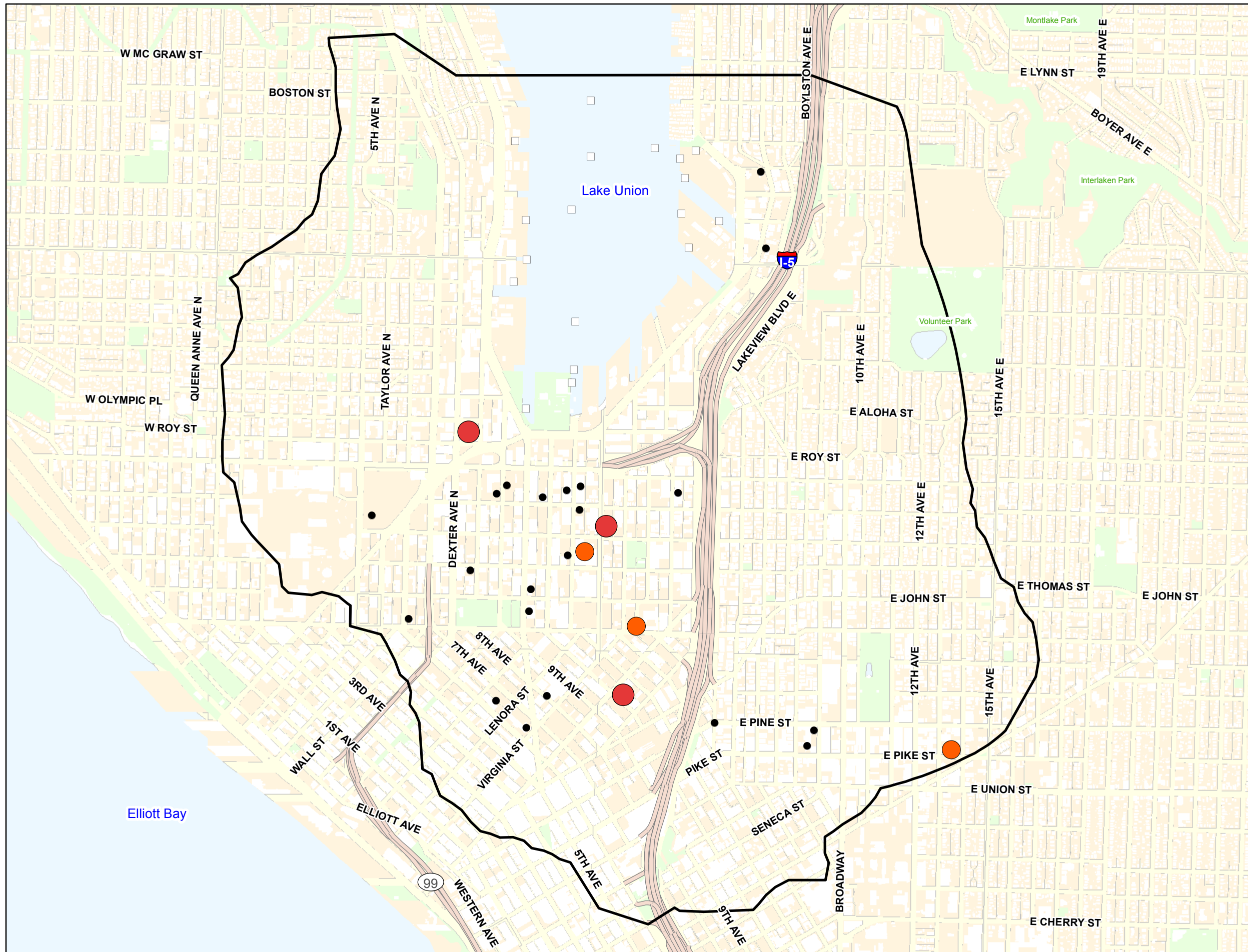
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 5.**  
 South Lake Union Study Area -  
 PCE in Cleanup Site  
 Groundwater Samples

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**Legend**

**TCE in Soil**

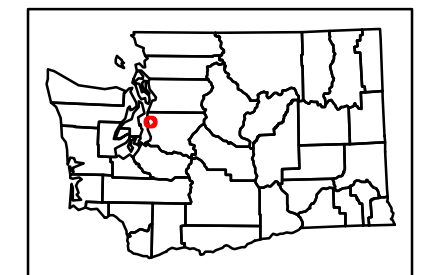
- Not Detected - RL Greater than SL
- Detection Greater than 100x SL
- Detection Greater than 1,000x SL

**TCE in Sediment**

- Not Detected

▭ South Lake Union Study Area

Screening Levels (SL)  
 Soil Protection of Groundwater-Saturated Zone: 0.00027 mg/kg

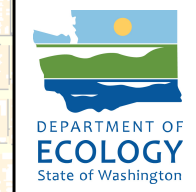


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

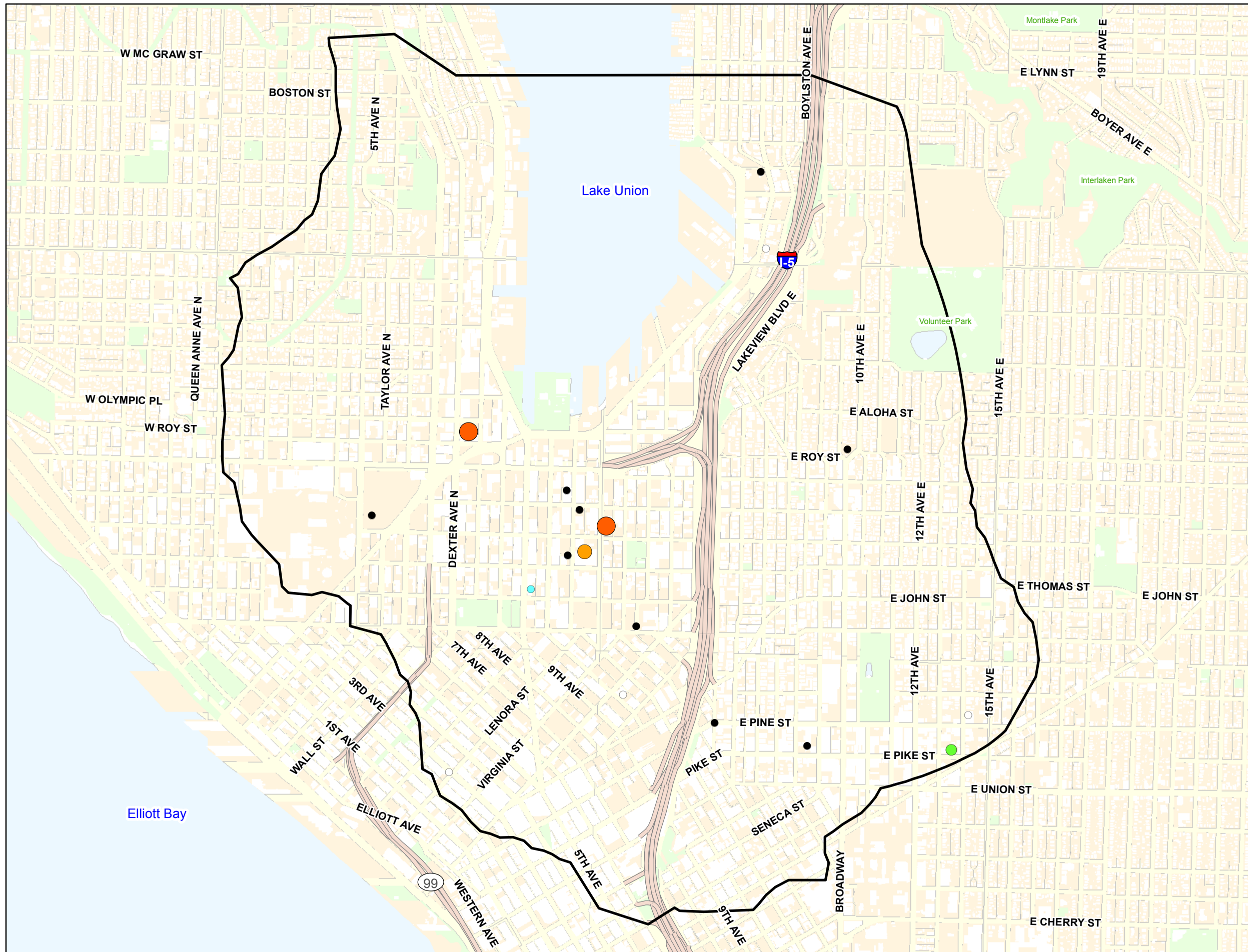
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 6.**  
 South Lake Union Study Area -  
 TCE in Cleanup Site  
 Soil and South Lake Union  
 Sediment Samples



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 Job No: 320380.00.000.05.30.000





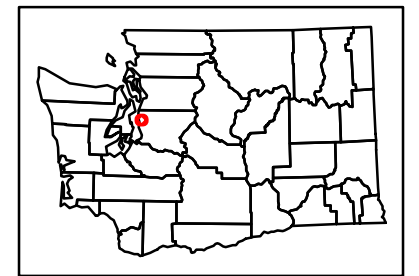
**Legend**

**TCE in Groundwater**

- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment: 0.7 ug/L

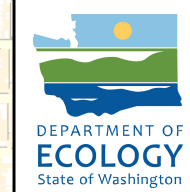


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

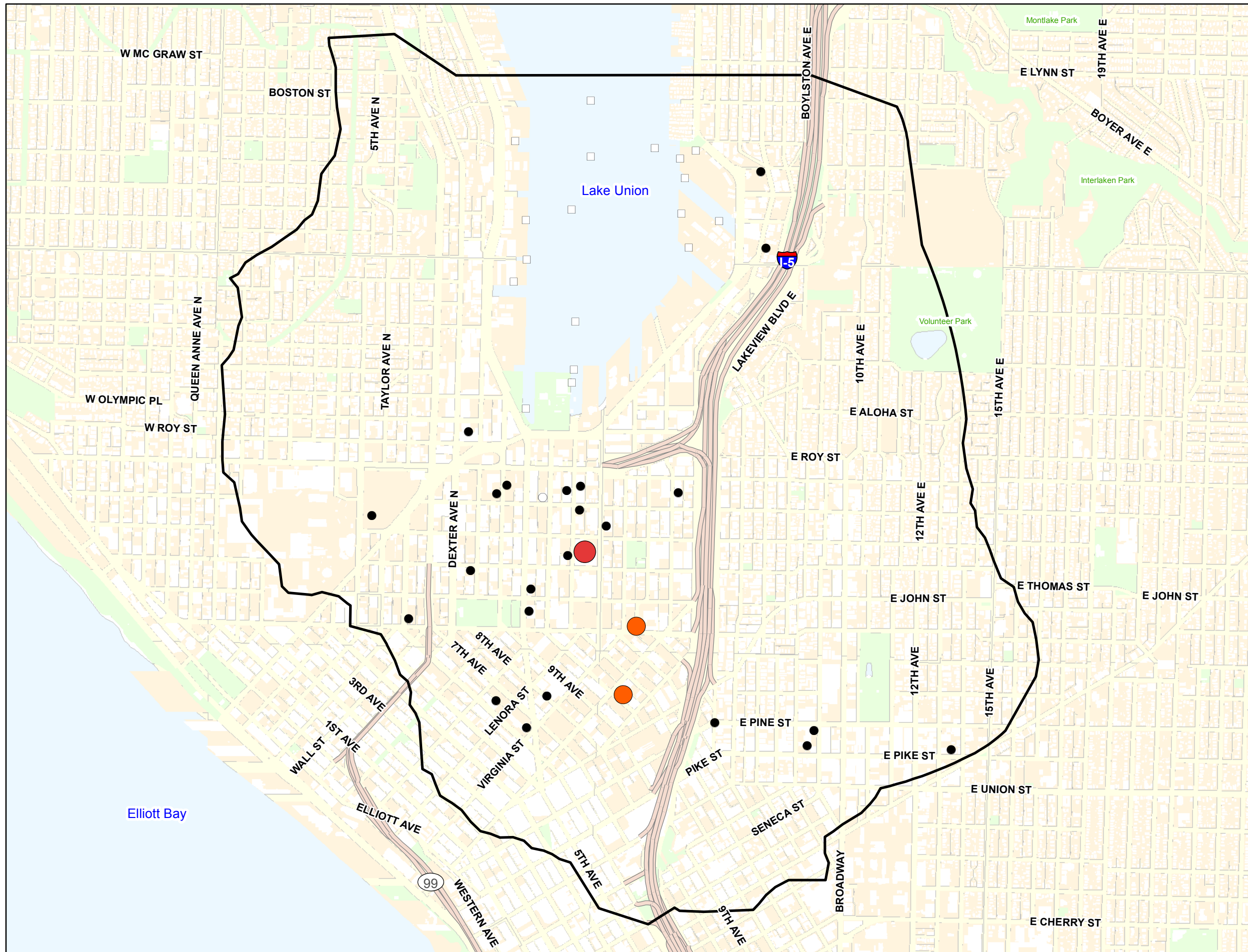
Map Coordinate System:  
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**Figure 7.**  
 South Lake Union Study Area -  
 TCE in Cleanup Site  
 Groundwater Samples



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 Date: 6/19/2017  
 Job No: 320380.00.000.05.30.000



**Legend**

**Vinyl Chloride in Soil**

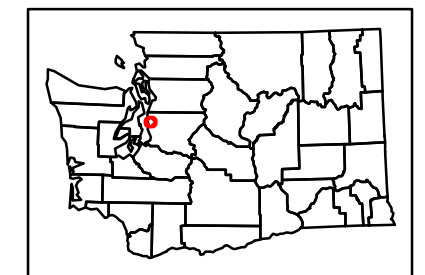
- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- (Orange) Detection Greater than 100x SL
- (Red) Detection Greater than 1,000x SL

**Vinyl Chloride in Sediment**

- Not Detected

▭ South Lake Union Study Area

Screening Levels (SL)  
 Soil Protection of Groundwater-Saturated Zone: 0.000055 mg/kg



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

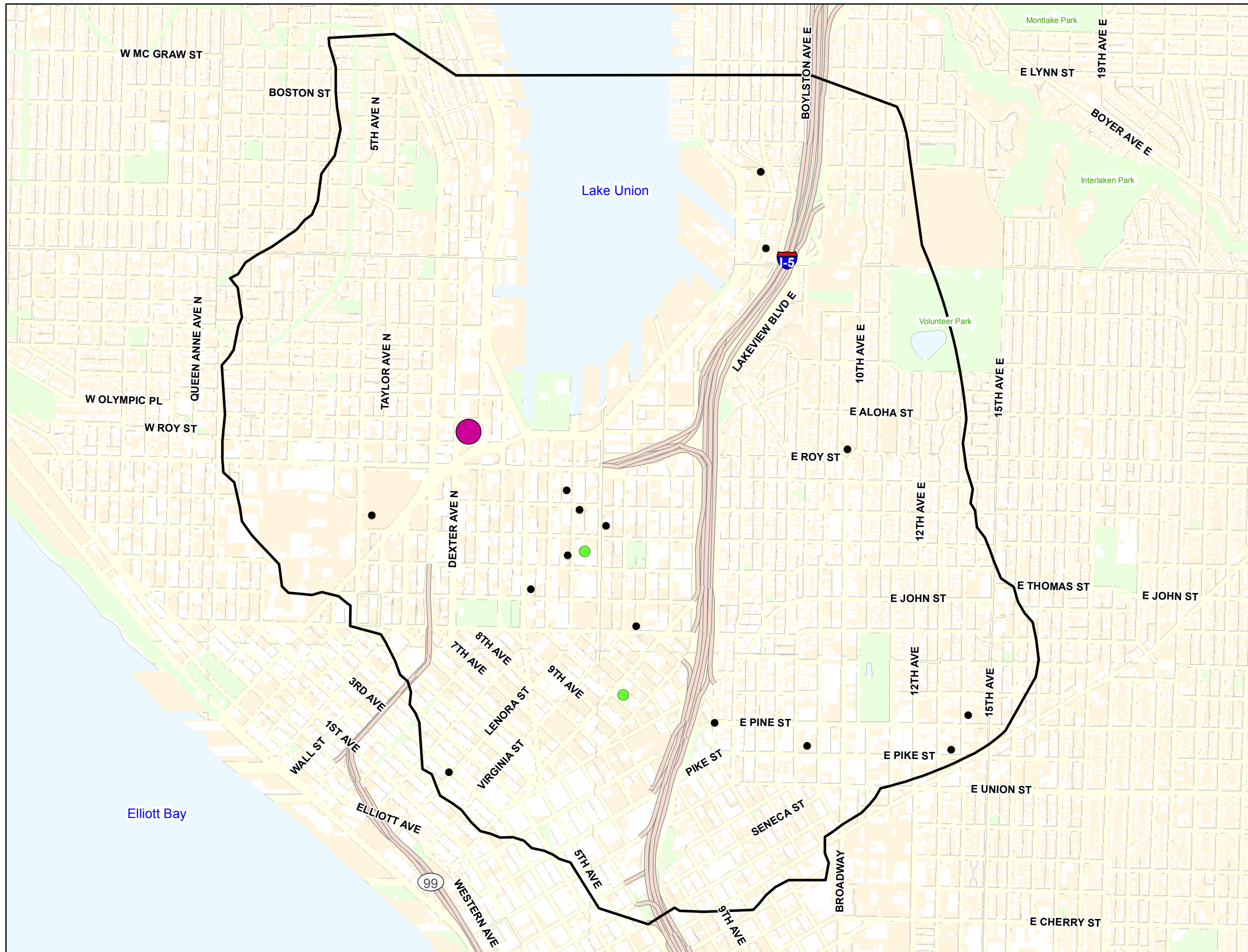
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 8.**  
 South Lake Union Study Area -  
 Vinyl Chloride in Cleanup Site  
 Soil and South Lake Union  
 Sediment Samples

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 Job No: 320380.00.000.05.30.000



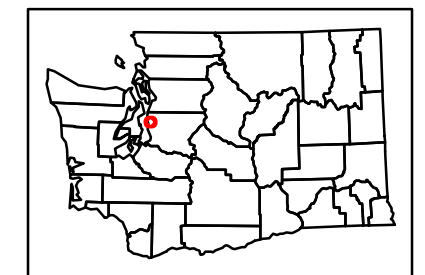
**Legend**

**Vinyl Chloride in Groundwater**

- Not Detected - RL Greater than SL
- Detected At or Greater than SL
- Detected Greater than 10,000x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 0.18 ug/L



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

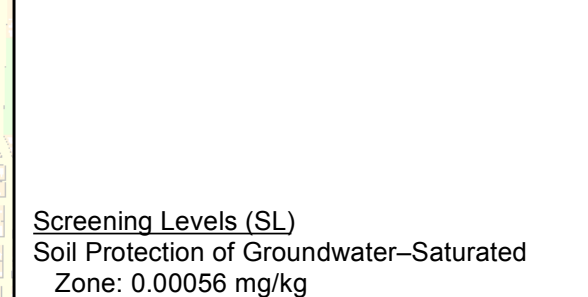
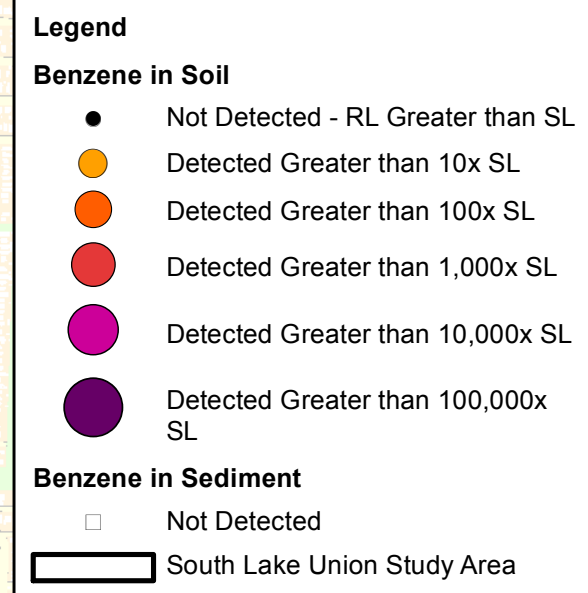
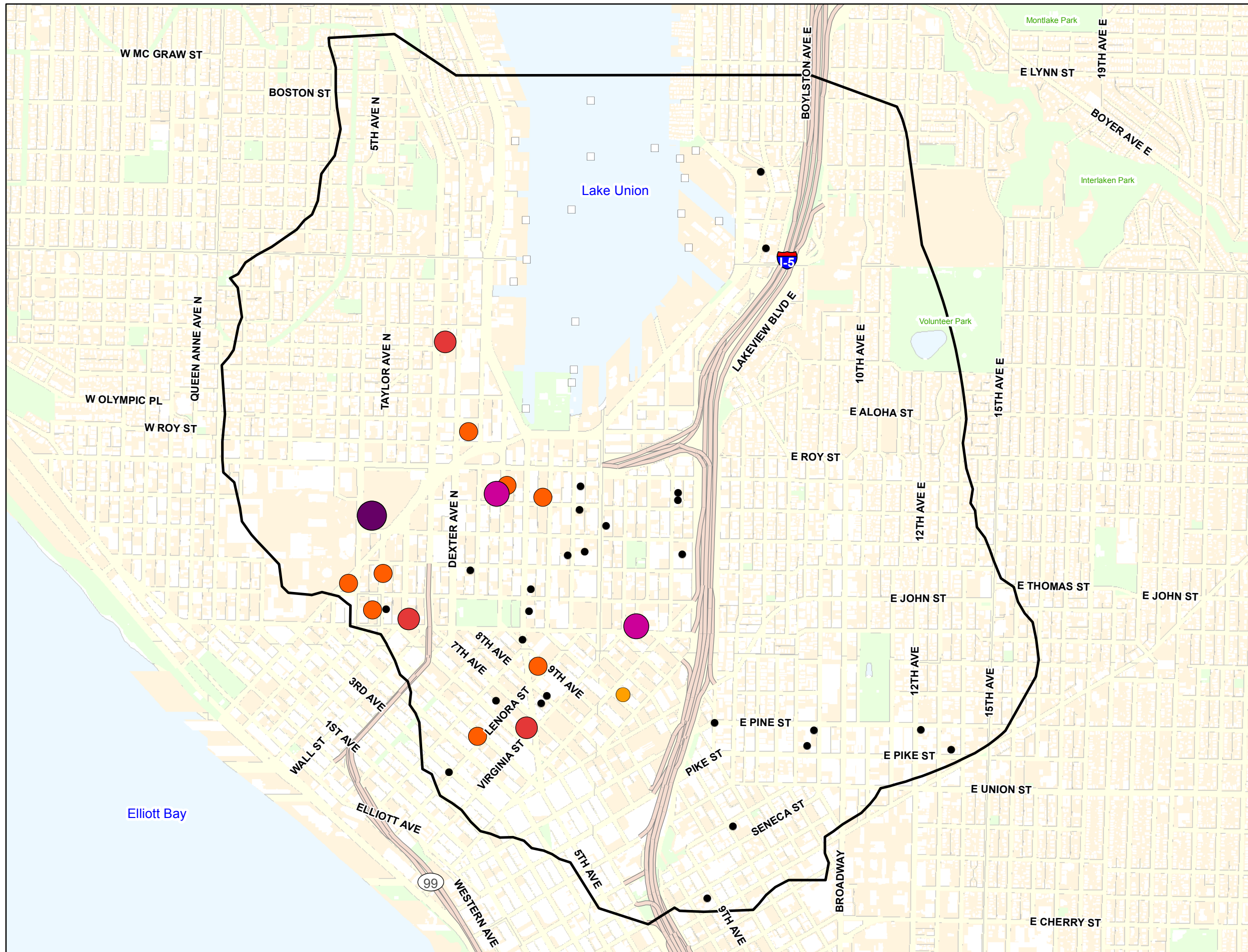
Map Coordinate System:  
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**Figure 9.**  
 South Lake Union Study Area -  
 Vinyl Chloride in Cleanup Site  
 Groundwater Samples

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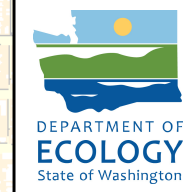
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 Job No: 320380.00.000.05.30.000

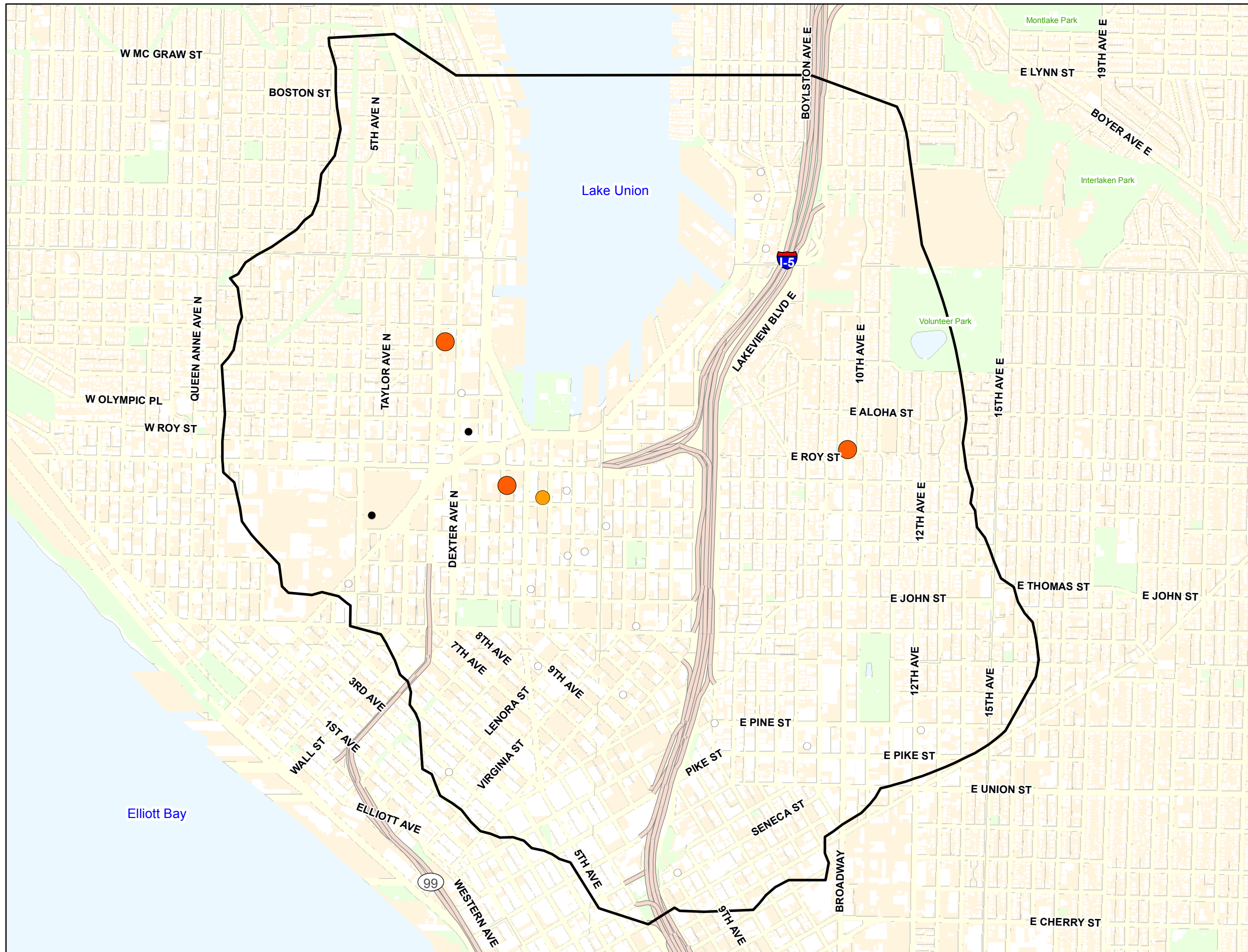


Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 10.**  
South Lake Union Study Area -  
Benzene in Cleanup Site  
Soil and South Lake Union  
Sediment Samples



Drawn By: GMAJ  
Date: 6/20/2017  
Job No: 320380.00.000.05.30.000



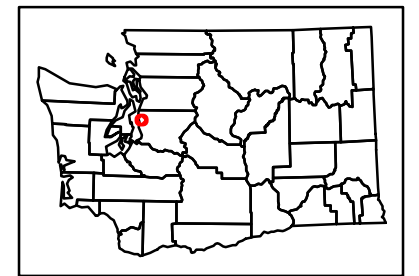
**Legend**

**Benzene in Groundwater**

- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment: 1.6 ug/L

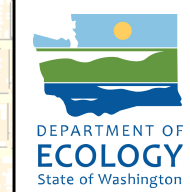


0 650 1,300 2,600 Feet

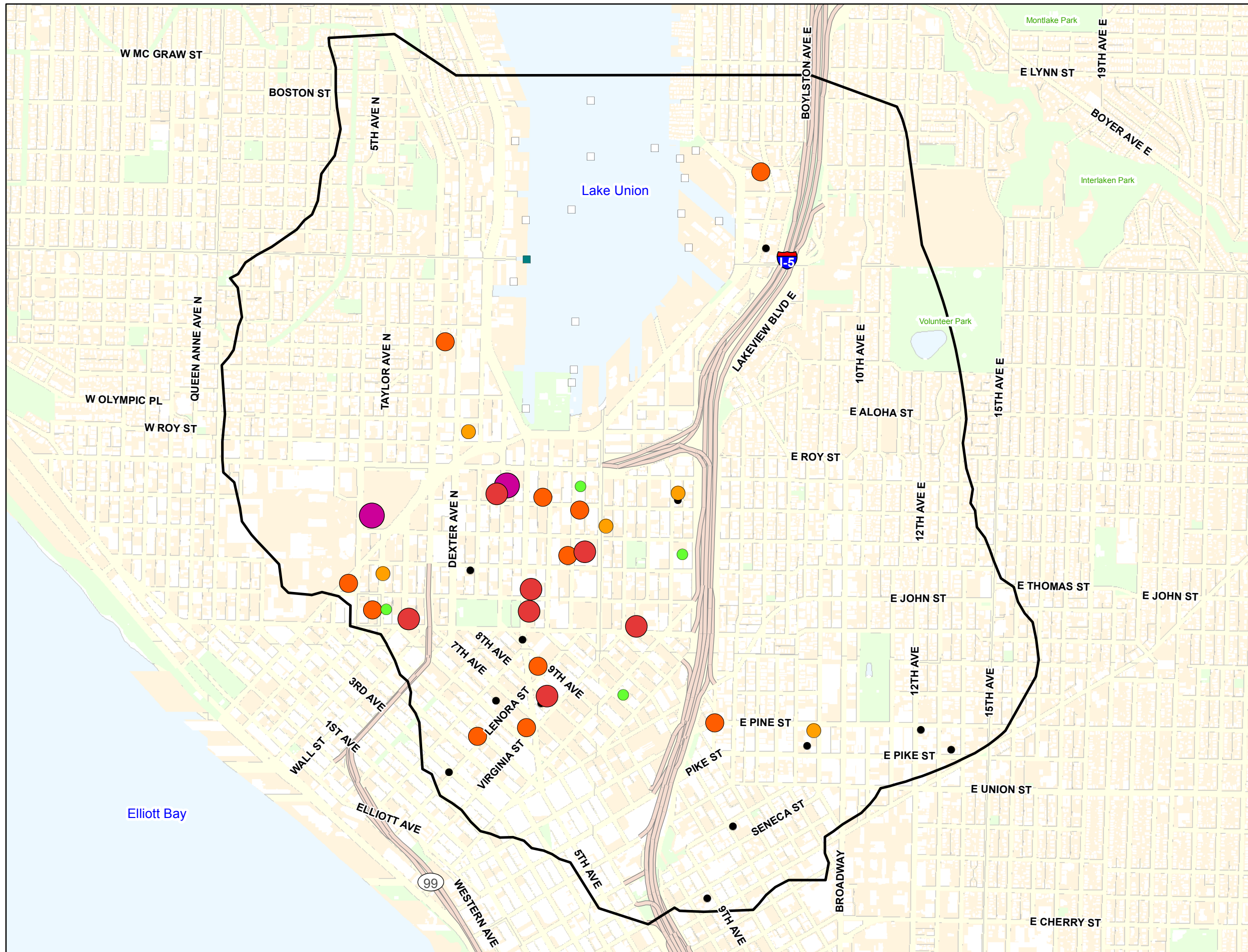
1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 11.**  
 South Lake Union Study Area -  
 Benzene in Cleanup Site  
 Groundwater Samples



Drawn By: GMAJ  
 Date: 6/19/2017  
 Job No: 320380.00.000.05.30.000



**Legend**

**Ethylbenzene in Soil**

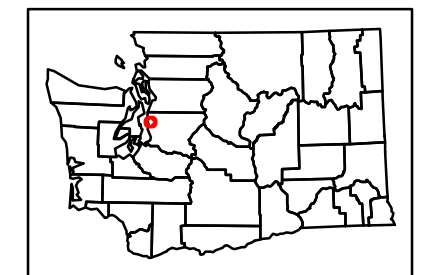
- Not Detected - RL Greater than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL
- Detected Greater than 10,000x SL

**Ethylbenzene in Sediment**

- Not Detected
- Detected

▭ South Lake Union Study Area

Screening Levels (SL)  
 Soil Protection of Groundwater-Saturated Zone: 0.015 mg/kg

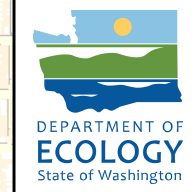


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

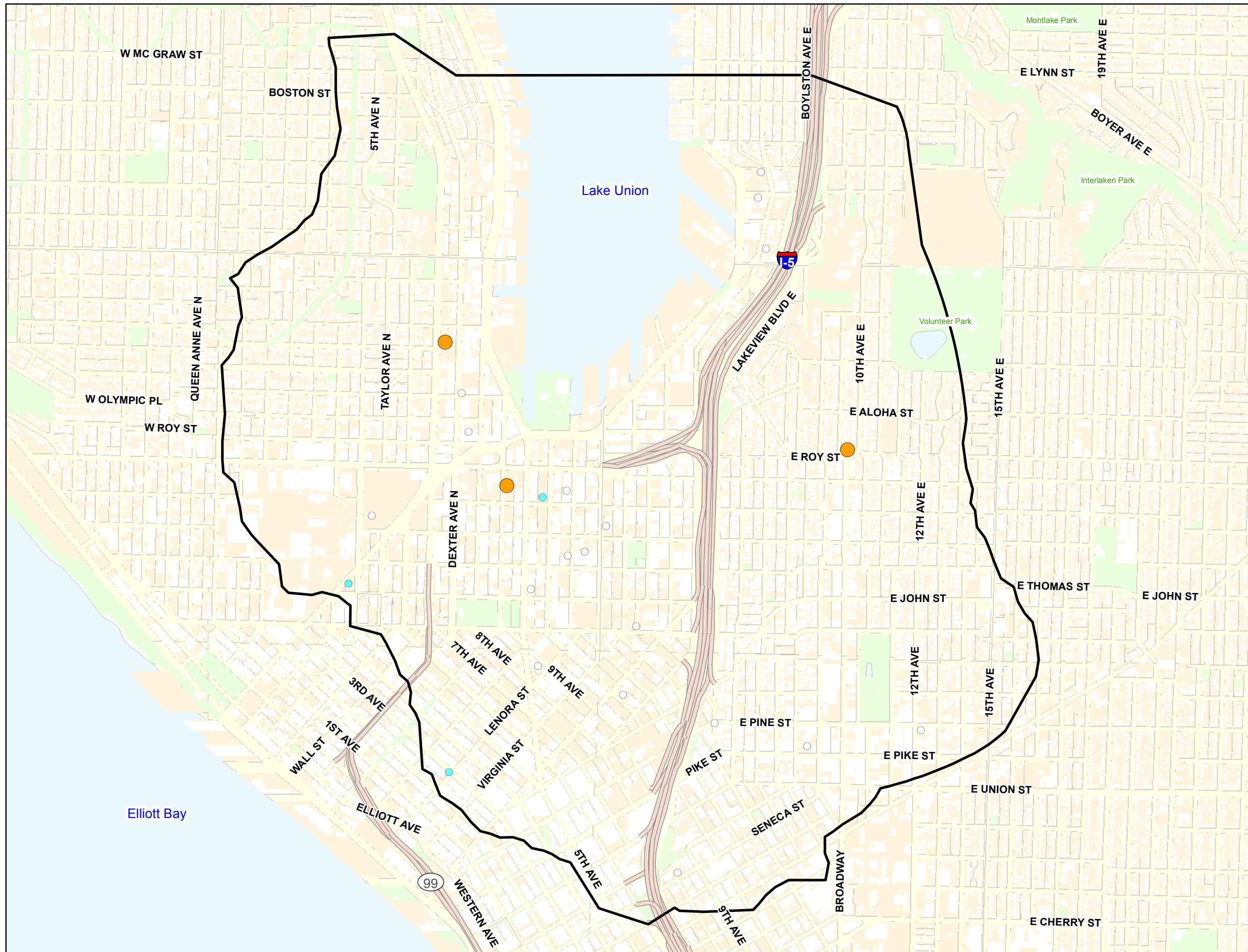
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 12.**  
 South Lake Union Study Area -  
 Ethylbenzene in Cleanup Site  
 Soil and South Lake Union  
 Sediment Samples



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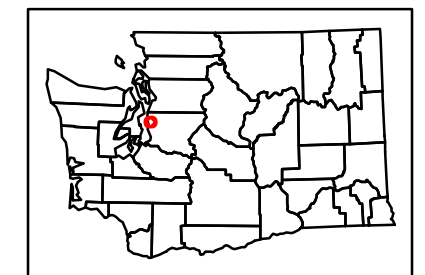
**Legend**

**Ethylbenzene in Groundwater**

- Not Detected - RL Less than SL
- Detected Less than SL
- Detected Greater than 10x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment: 31 ug/L



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

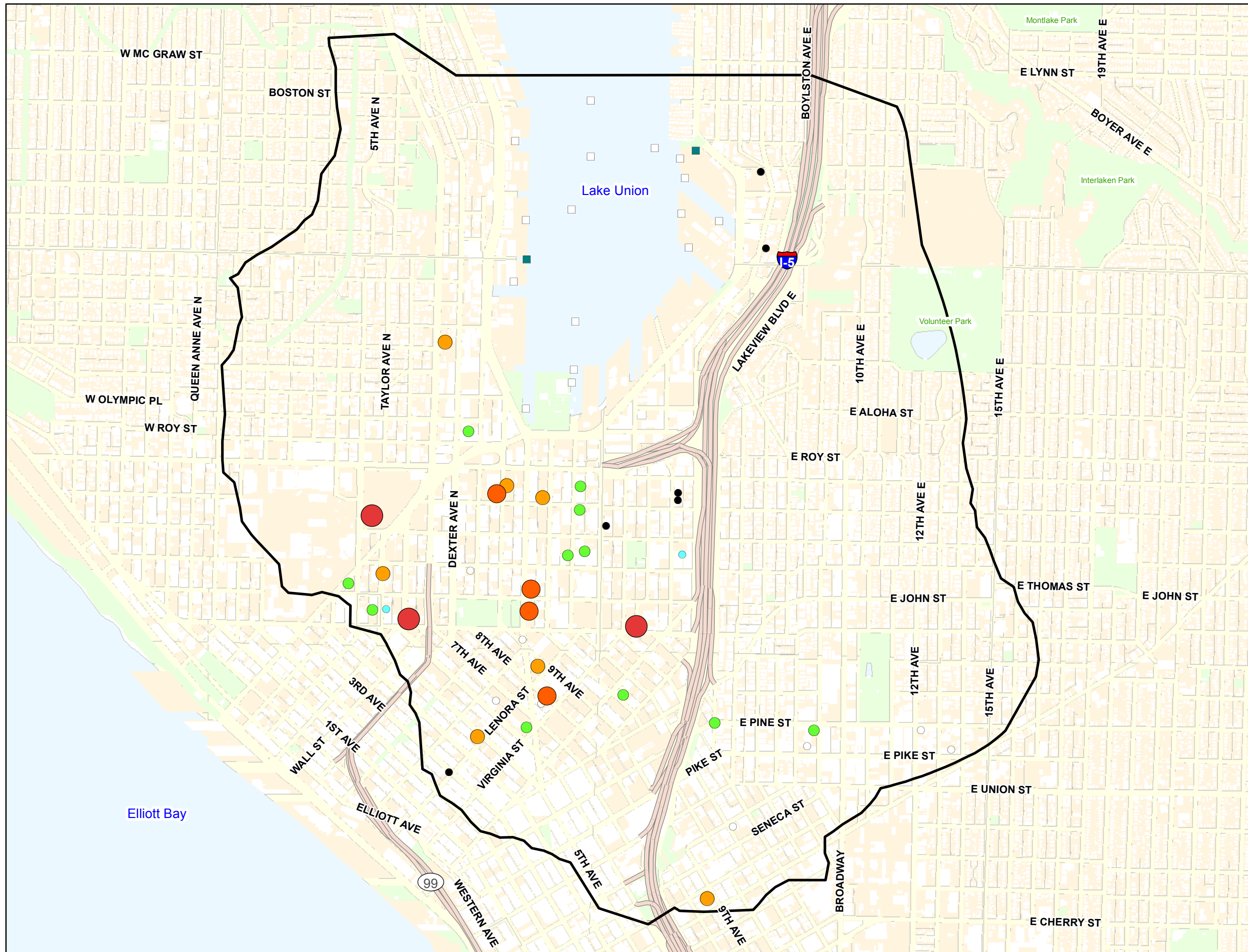
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 13.**  
 South Lake Union Study Area -  
 Ethylbenzene in Cleanup Site  
 Groundwater Samples

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**Legend**

**Toluene in Soil**

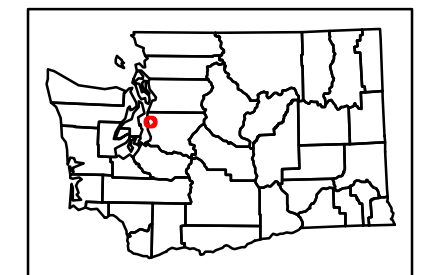
- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL

**Toluene in Sediment**

- Not Detected
- Detected

▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 0.055 mg/kg

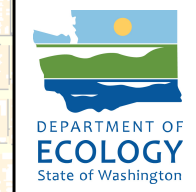


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 14.**  
 South Lake Union Study Area -  
 Toluene in Cleanup Site  
 Soil and South Lake Union  
 Sediment Samples



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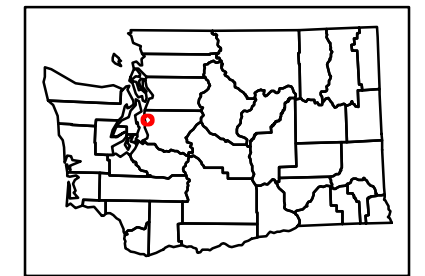
**Legend**

**Toluene in Groundwater**

- Not Detected - RL Less than SL
- Detected Less than SL
- Detected At or Greater than SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment: 130 ug/L



0 650 1,300 2,600 Feet

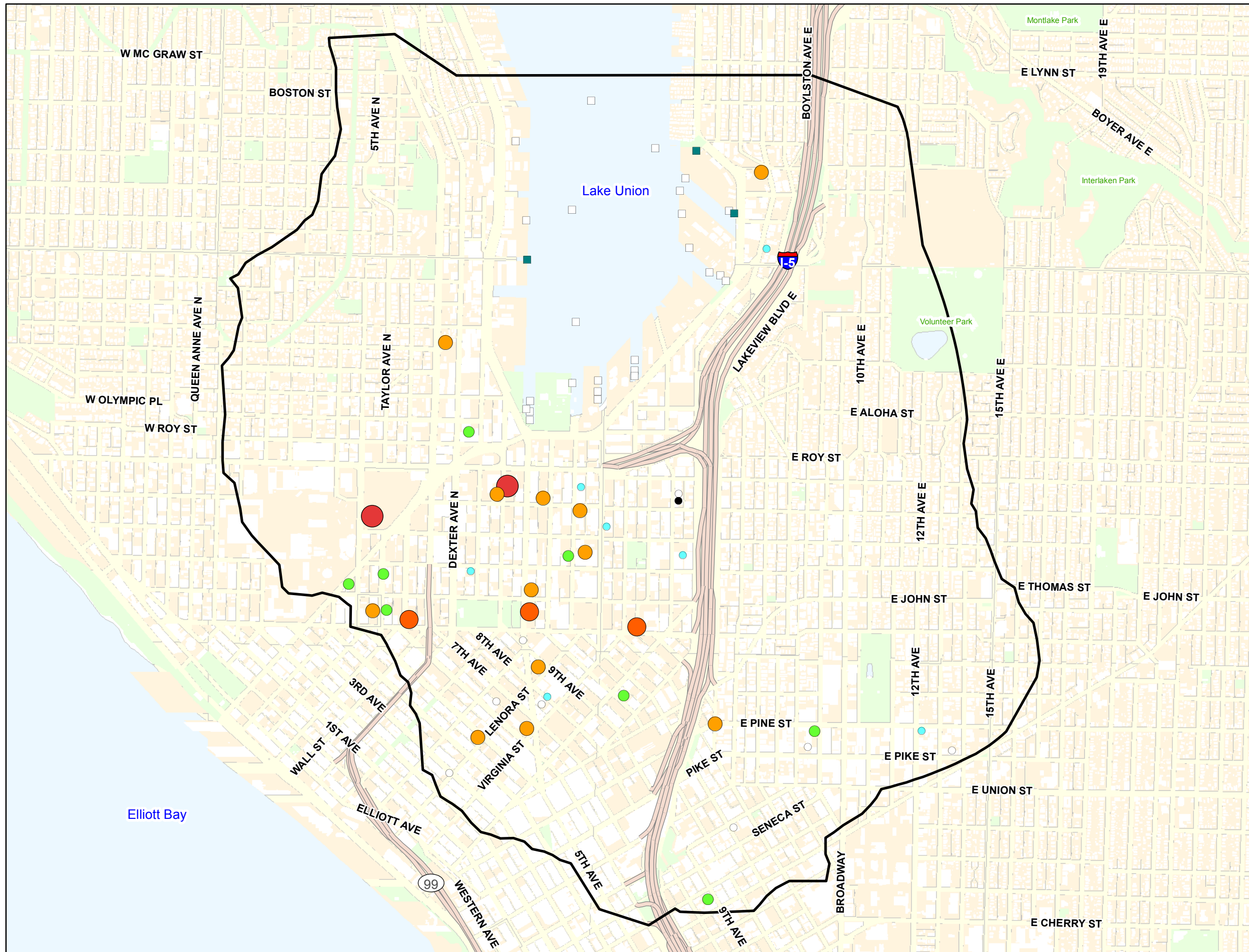
1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 15.**  
 South Lake Union Study Area -  
 Toluene in Cleanup Site  
 Groundwater Samples



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**Legend**

**Total Xylenes in Soil**

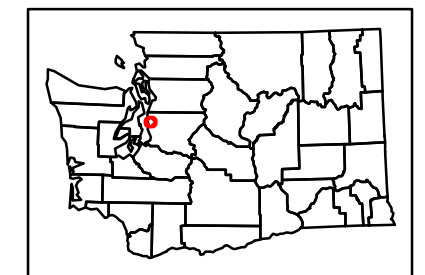
- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL

**Total Xylenes in Sediment**

- Not Detected
- Detected

▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 0.83 mg/kg



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

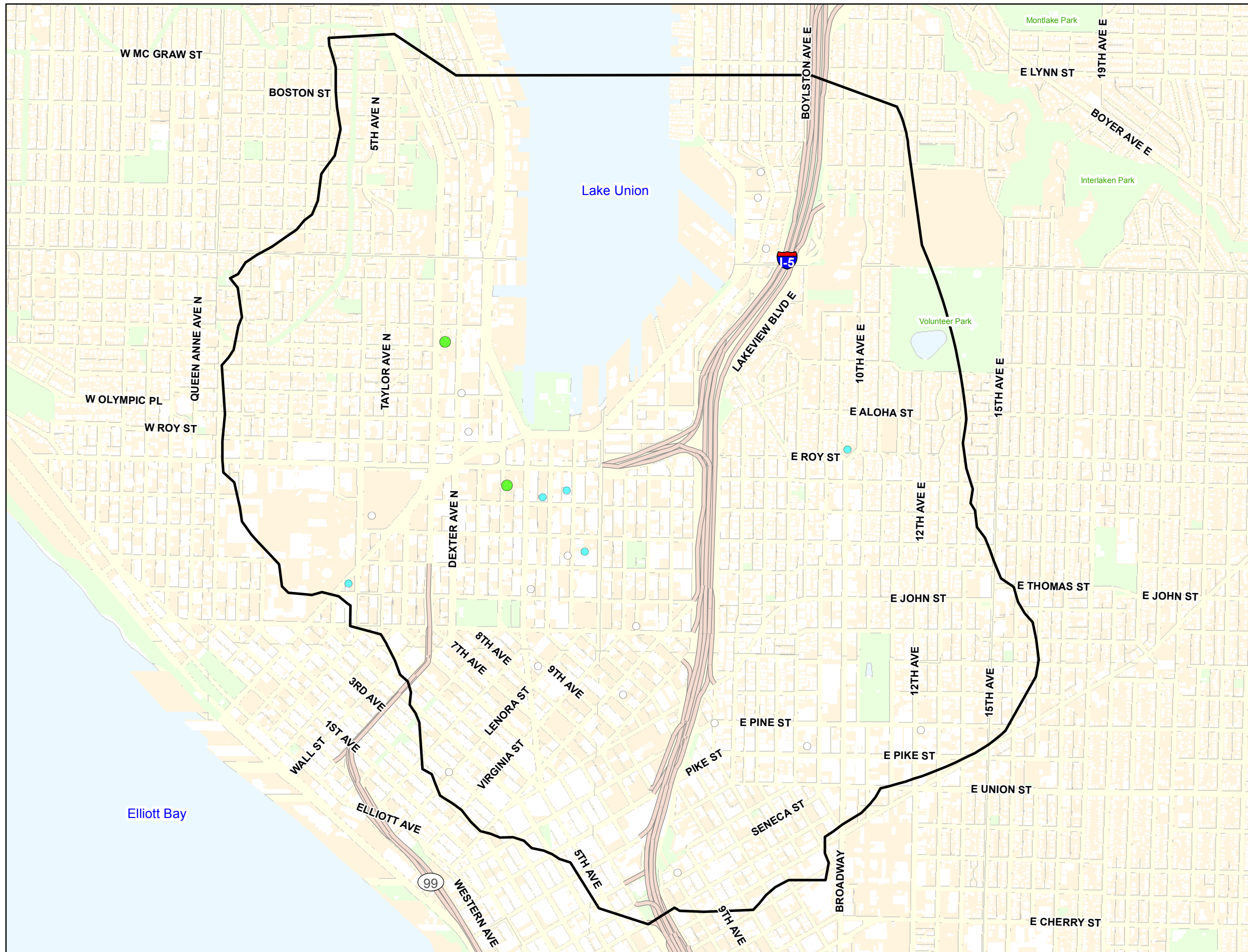
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 16.**  
 South Lake Union Study Area -  
 Total Xylene in Cleanup Site  
 Soil and South Lake Union  
 Sediment Samples

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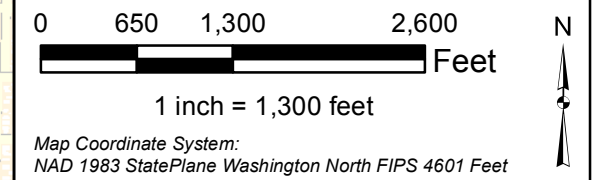
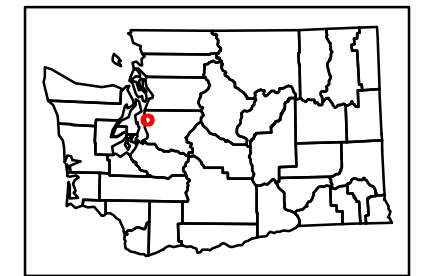
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- Legend**
- Total Xylenes in Groundwater**
- Not Detected - RL Less than SL
  - Detected Less than SL
  - Detected At or Greater than SL
- ▭ South Lake Union Study Area

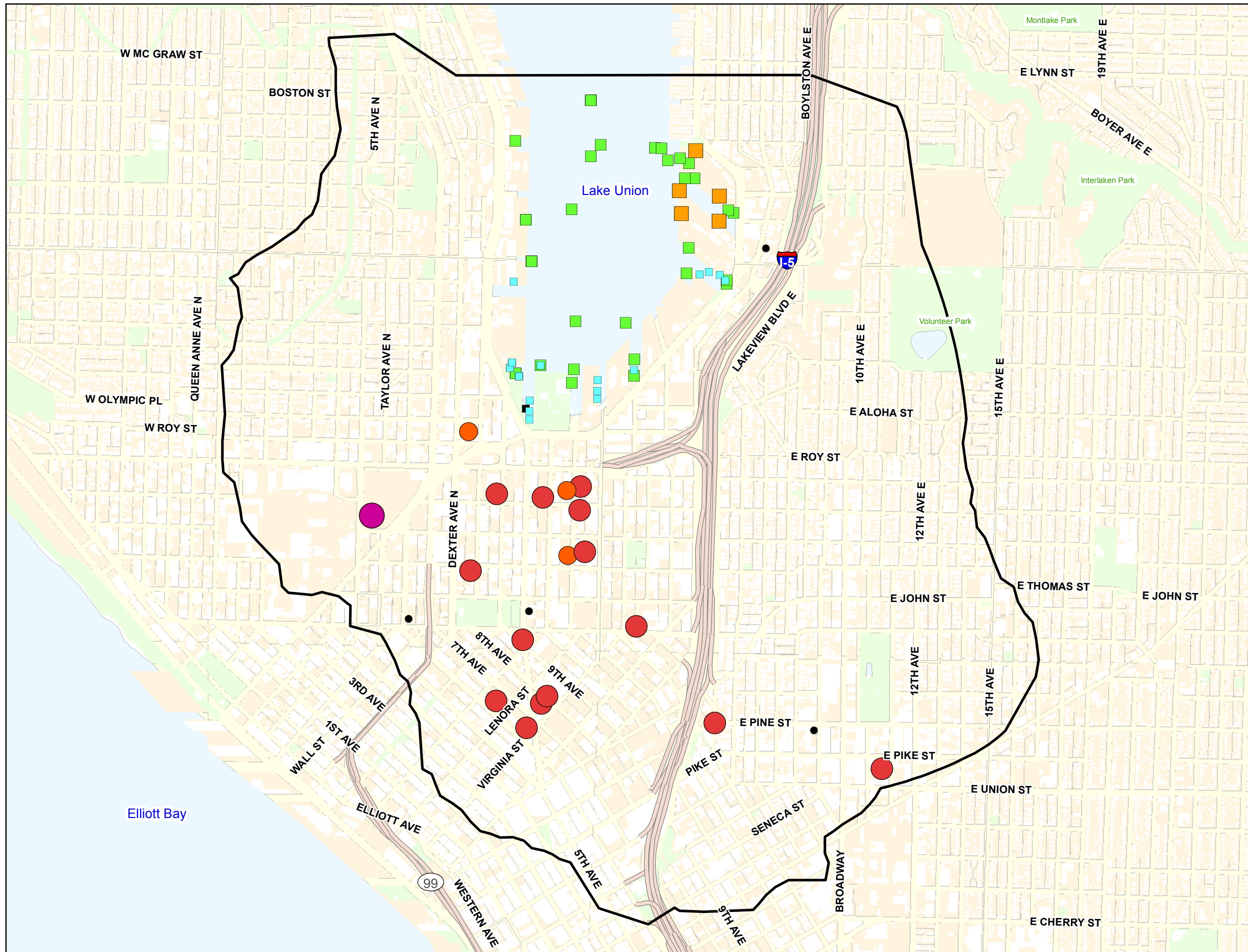
Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 1,000 ug/L



**Figure 17.**  
 South Lake Union Study Area -  
 Total Xylene in Cleanup Site  
 Groundwater Samples



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**Legend**

**Arsenic in Soil**

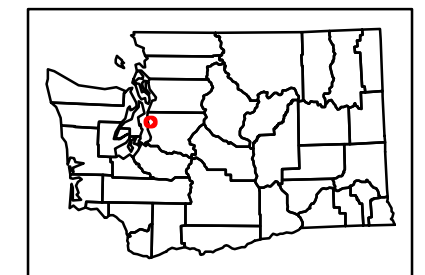
- Not Detected - RL Greater than SL
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL
- Detected Greater than 10,000x SL

**Arsenic in Sediment**

- Not Detected - RL Greater than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Soil Protection of Groundwater–Saturated Zone: 0.0041 mg/kg  
 Freshwater Sediment Cleanup Objective: 14 ug/kg dry weight



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

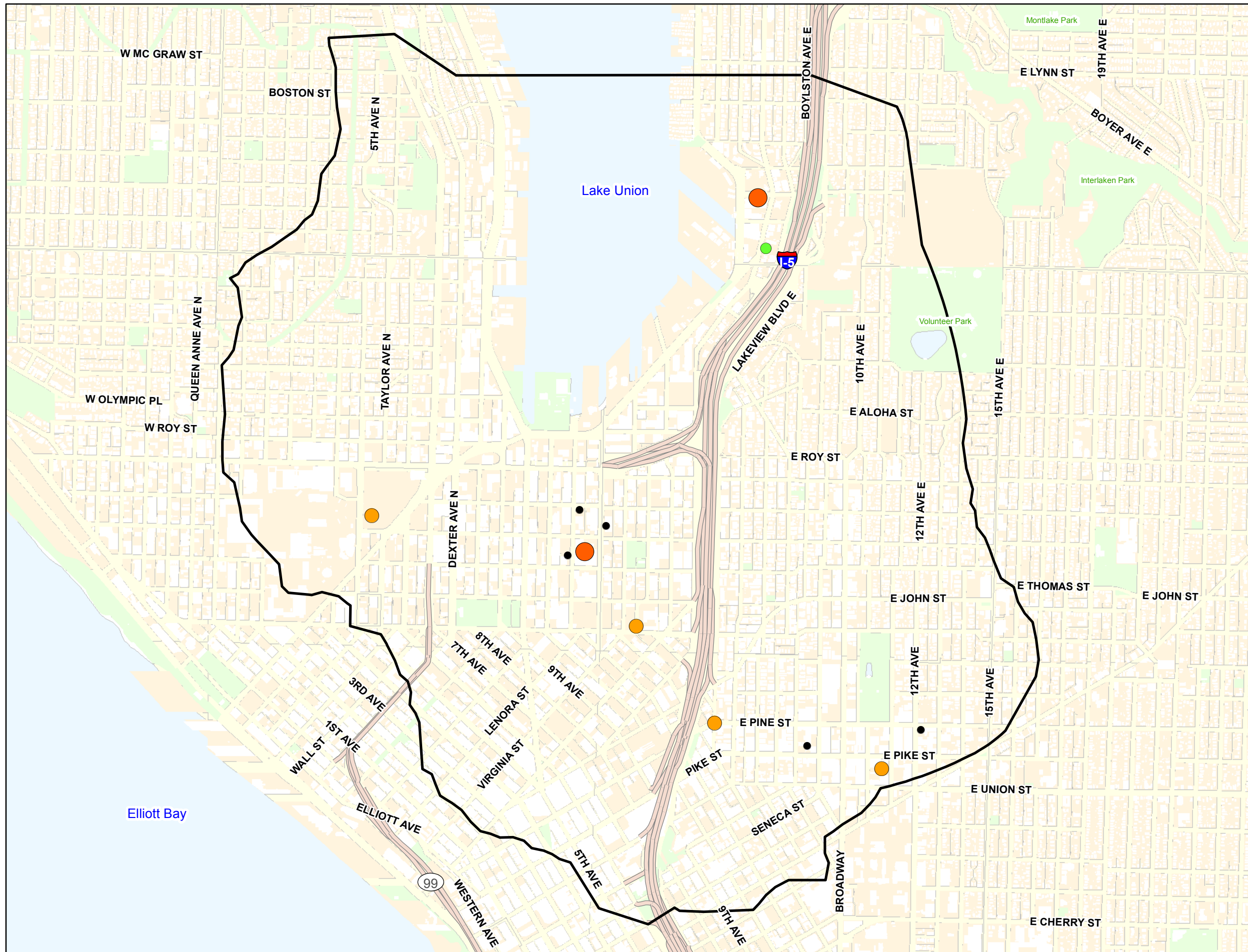
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 18.**  
 South Lake Union Study Area -  
 Arsenic in Cleanup Site Soil  
 and South Lake Union  
 Sediment Samples

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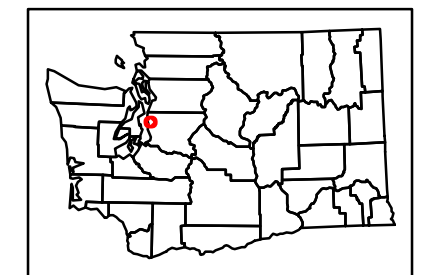
**Legend**

**Arsenic in Groundwater**

- Not Detected - RL Greater than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 0.14 ug/L

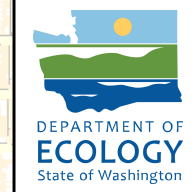


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

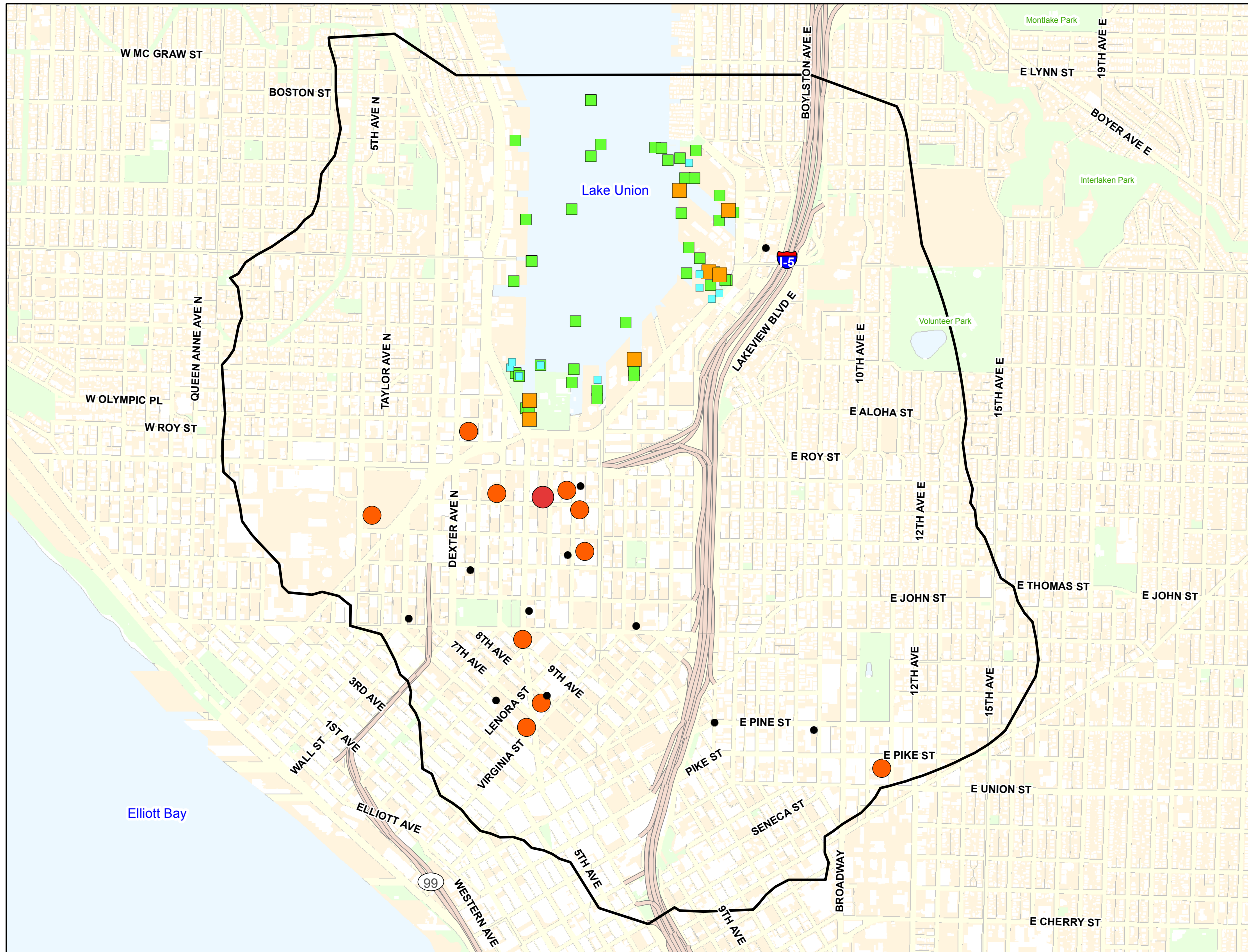
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 19.**  
 South Lake Union Study Area -  
 Arsenic in Cleanup Site  
 Groundwater Samples



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**Legend**

**Mercury in Soil**

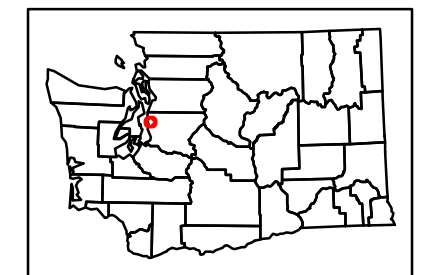
- Not Detected - RL Greater than SL
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL

**Mercury in Sediment**

- Not Detected - RL Less than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL

▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 0.0013 mg/kg  
 Freshwater Sediment Cleanup Objective: 0.66 ug/kg dry weight

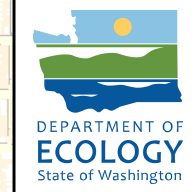


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

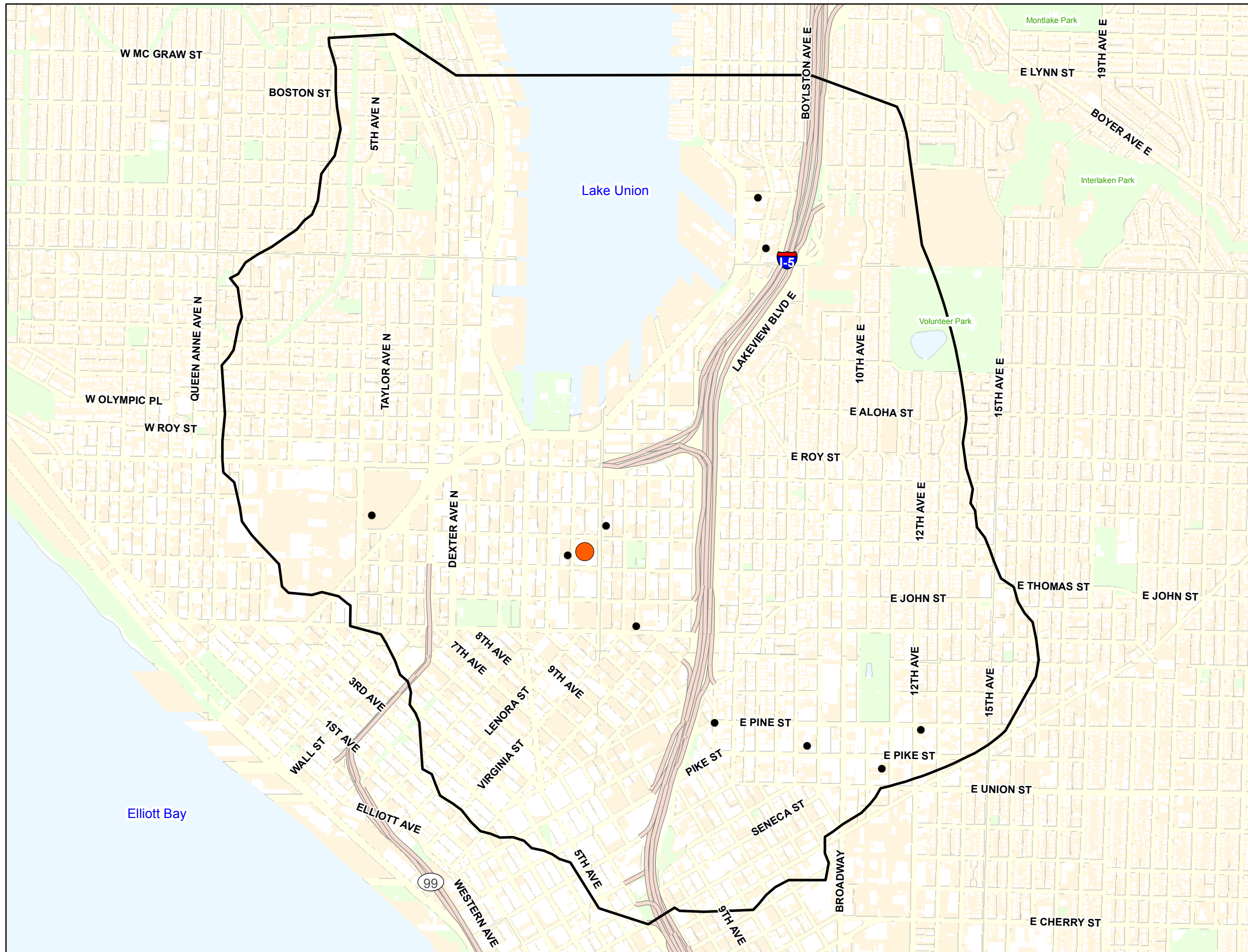
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 20.**  
 South Lake Union Study Area -  
 Mercury in Cleanup Site Soil  
 and South Lake Union  
 Sediment Samples



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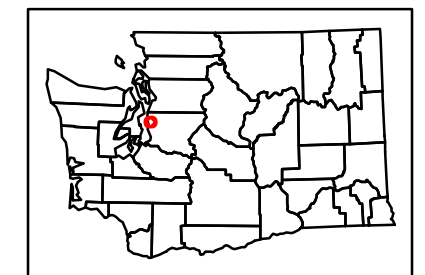


**Legend**

**Mercury in Groundwater**

- Not Detected - RL Greater than SL
- Detected Greater than 100x SL
- ▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 0.025 ug/L



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

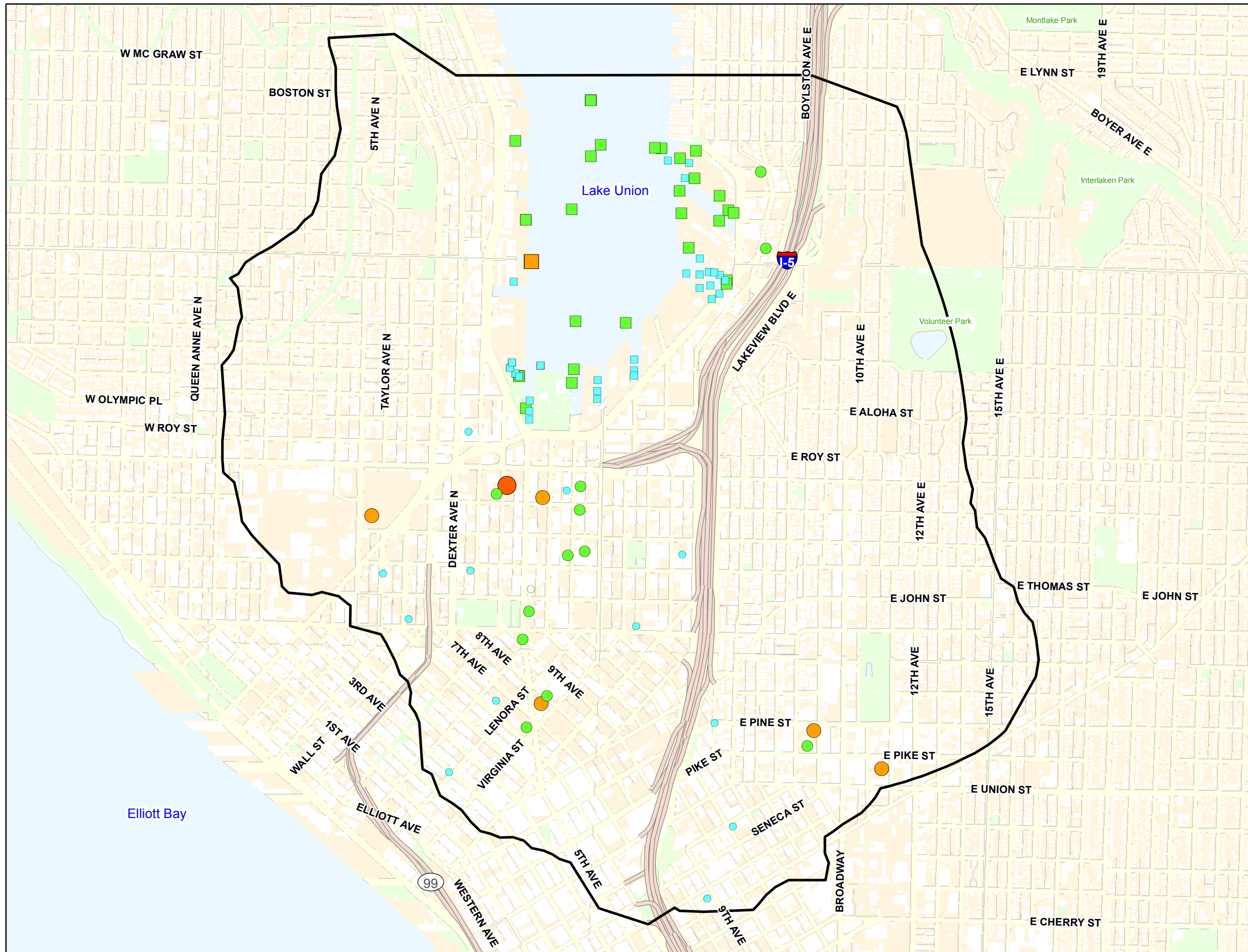
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 21.**  
 South Lake Union Study Area -  
 Mercury in Cleanup Site  
 Groundwater Samples



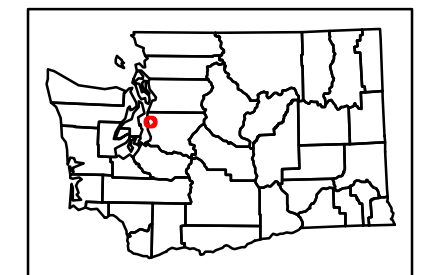
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 Job No: 320380.00.000.05.30.000



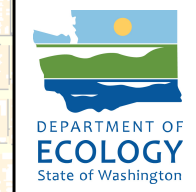
- Legend**
- Lead in Soil**
- Not Detected - RL Less than SL
  - Detected Less than SL
  - Detected At or Greater than SL
  - Detected Greater than 10x SL
  - Detected Greater than 100x SL
- Lead in Sediment**
- Detected Less than SL
  - Detected At or Greater than SL
  - Detected Greater than 10x SL
- ▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 81 mg/kg  
 Freshwater Sediment Cleanup Objective: 360 ug/kg dry weight



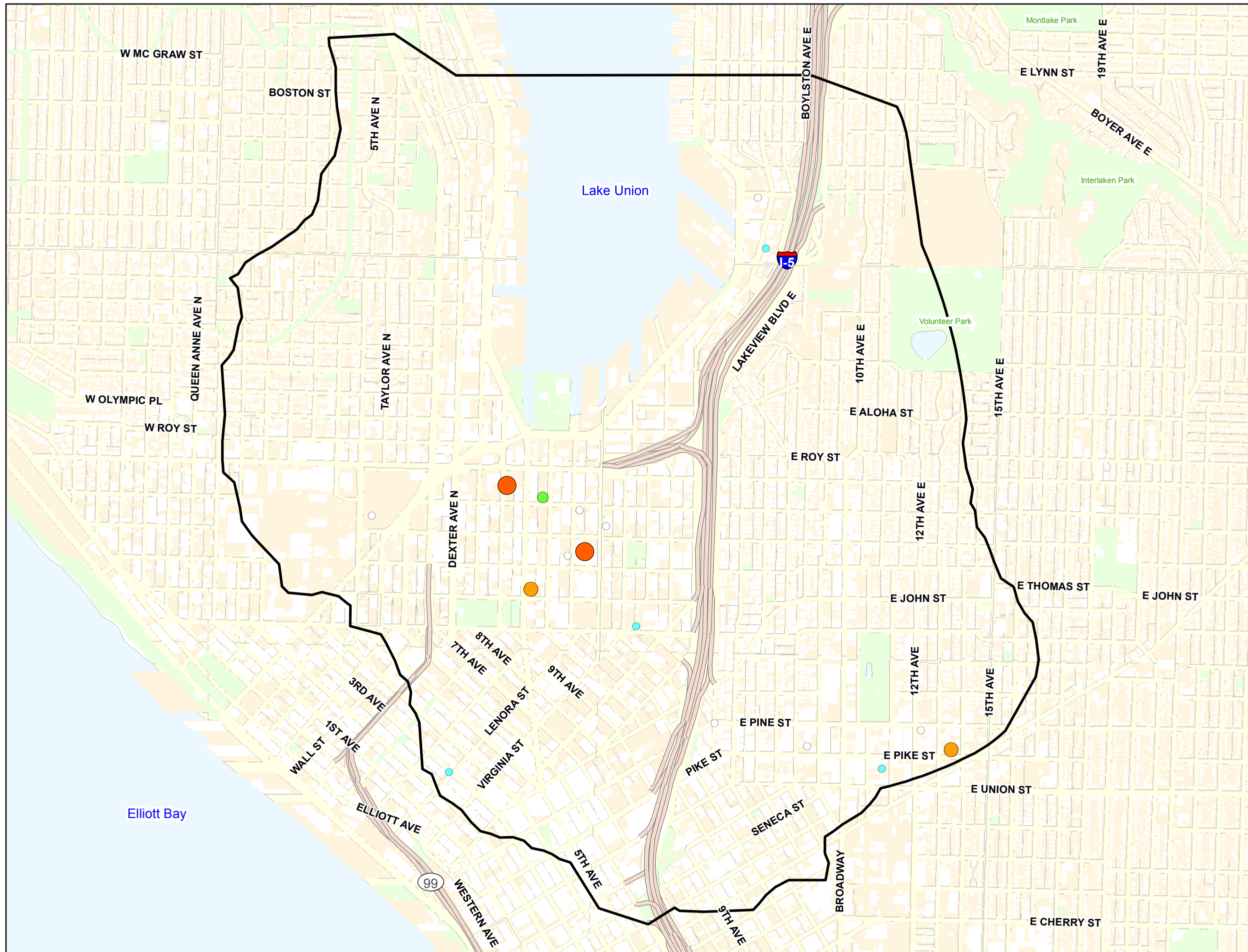
0 650 1,300 2,600 Feet  
 1 inch = 1,300 feet  
 Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 22.**  
 South Lake Union Study Area -  
 Lead in Cleanup Site Soil and  
 South Lake Union  
 Sediment Samples



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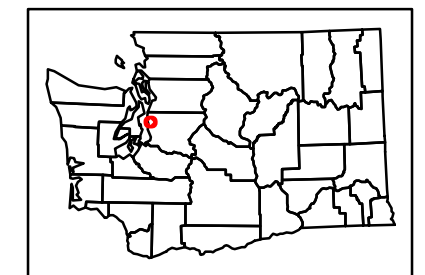
**Legend**

**Lead in Groundwater**

- Not Detected - RL Less than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL

▭ South Lake Union Study

Screening Levels (SL)  
Groundwater Protection of Sediment: 8.1 ug/L



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

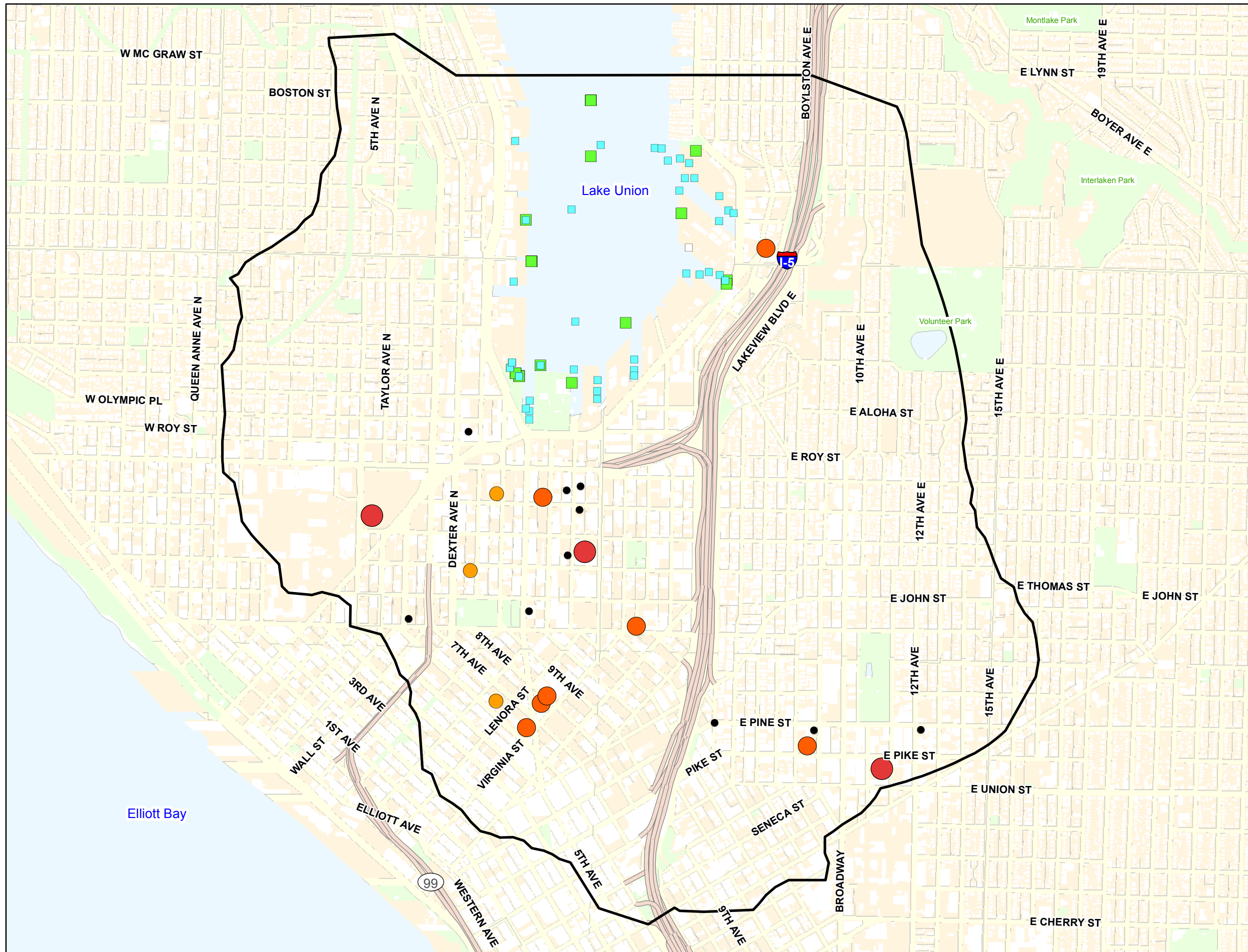
Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 23.**  
South Lake Union Study Area -  
Lead in Cleanup Site  
Groundwater Samples

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**Legend**

**Cadmium in Soil**

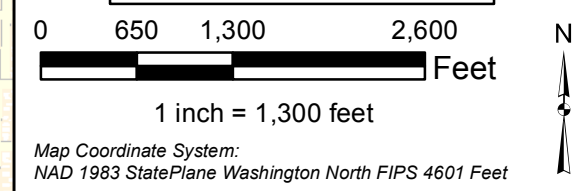
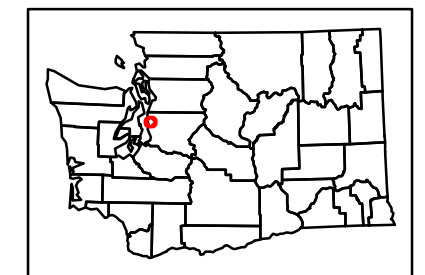
- Not Detected - RL Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL

**Cadmium in Sediment**

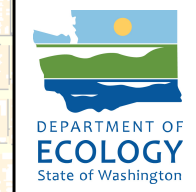
- Not Detected - RL Less than SL
- Detected Less than SL
- Detected At or Greater than SL

South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 0.055 mg/kg  
 Freshwater Sediment Cleanup Objective: 2.1 ug/kg dry weight

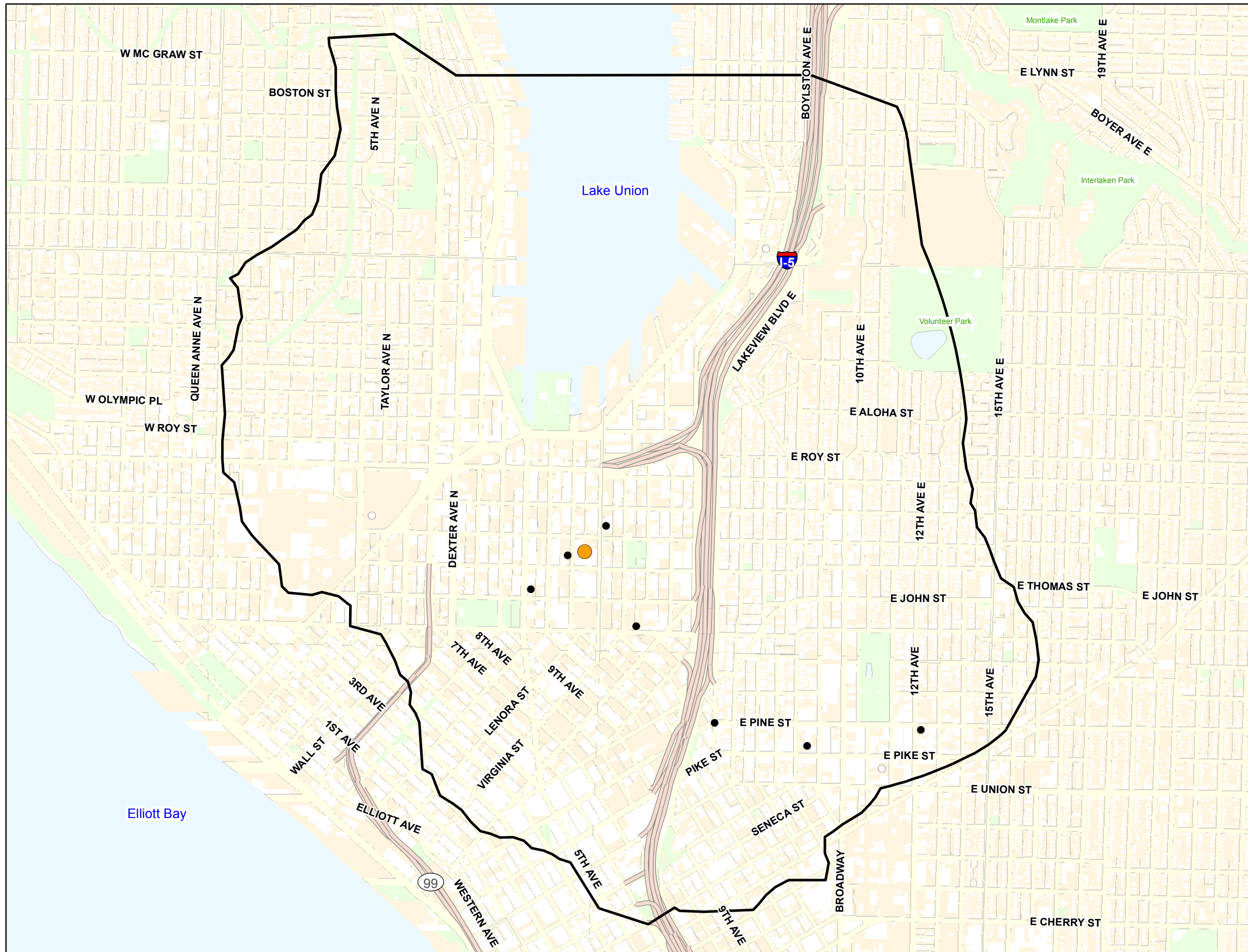


**Figure 24.**  
 South Lake Union Study Area -  
 Cadmium in Cleanup Site Soil  
 and South Lake Union  
 Sediment Samples



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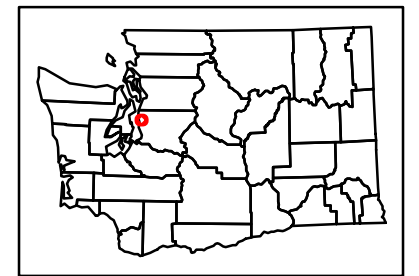


**Legend**

**Cadmium in Groundwater**

- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- (Orange) Detected Greater than 10x SL
- ▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 1.19 ug/L

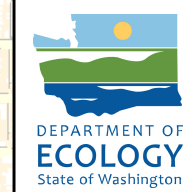


0 650 1,300 2,600 Feet

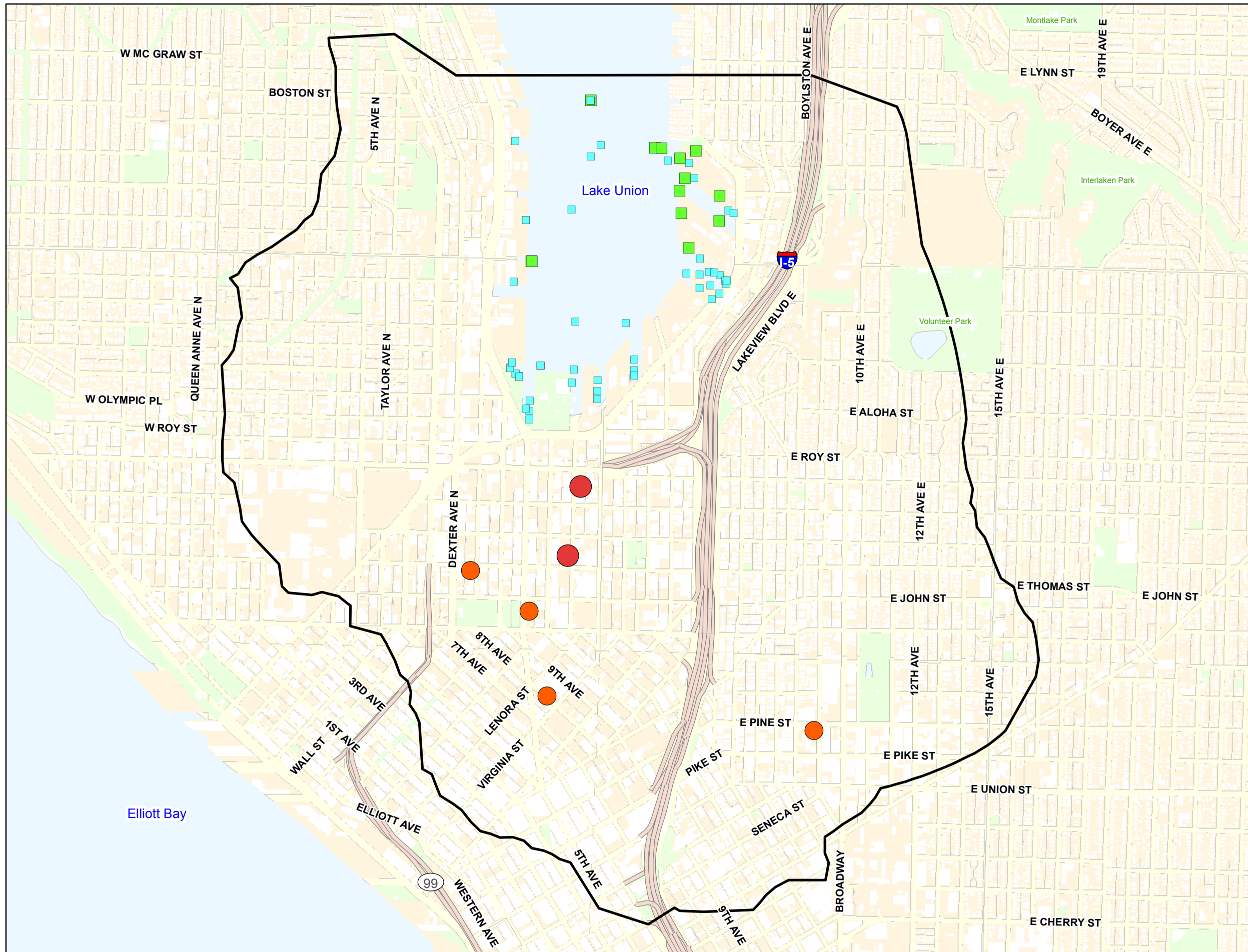
1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 25.**  
 South Lake Union Study Area -  
 Cadmium in Cleanup Site  
 Groundwater Samples



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 Job No: 320380.00.000.05.30.000



**Legend**

**Copper in Soil**

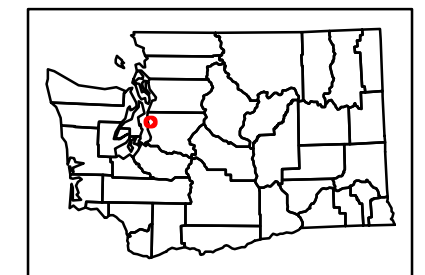
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL

**Copper in Sediment**

- Detected Less than SL
- Detected At or Greater than SL

South Lake Union Study Area

Screening Levels (SL)  
 Soil Protection of Groundwater–Saturated Zone: 0.069 mg/kg  
 Freshwater Sediment Cleanup Objective: 400 ug/kg dry weight

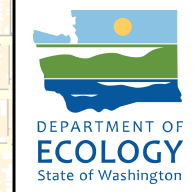


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

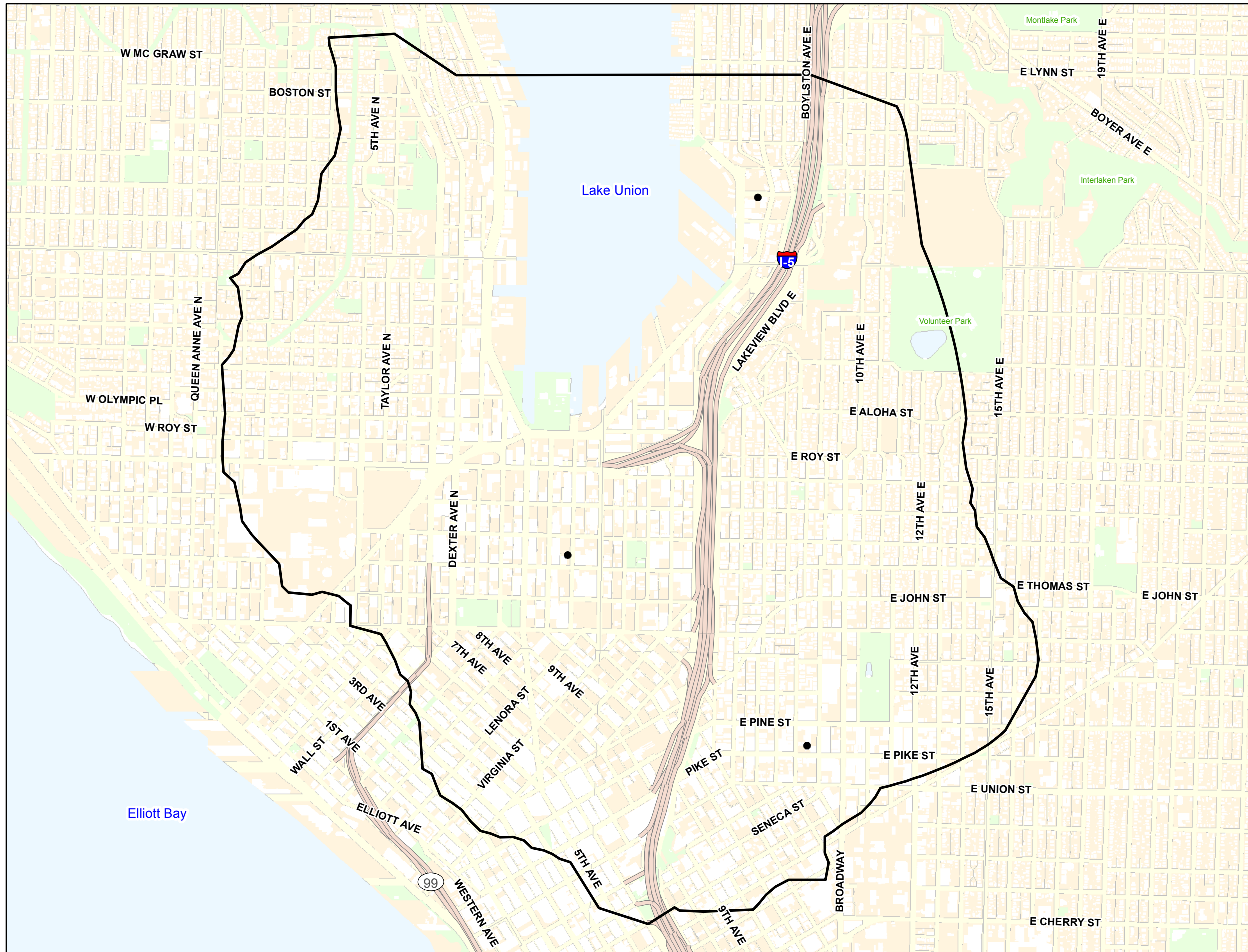
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 26.**  
 South Lake Union Study Area -  
 Copper in Cleanup Site Soil and  
 South Lake Union  
 Sediment Samples



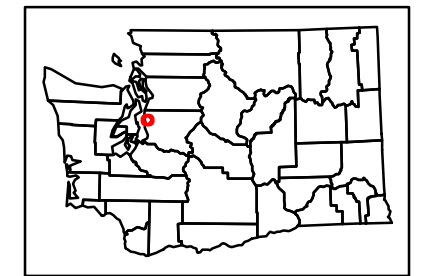
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 Job No: 320380.00.000.05.30.000



**Legend**  
**Copper in Groundwater**  
 ● Not Detected - RL Greater than SL  
 □ South Lake Union Study Area

**Screening Levels (SL)**  
 Groundwater Protection of Sediment: 3.1 ug/L

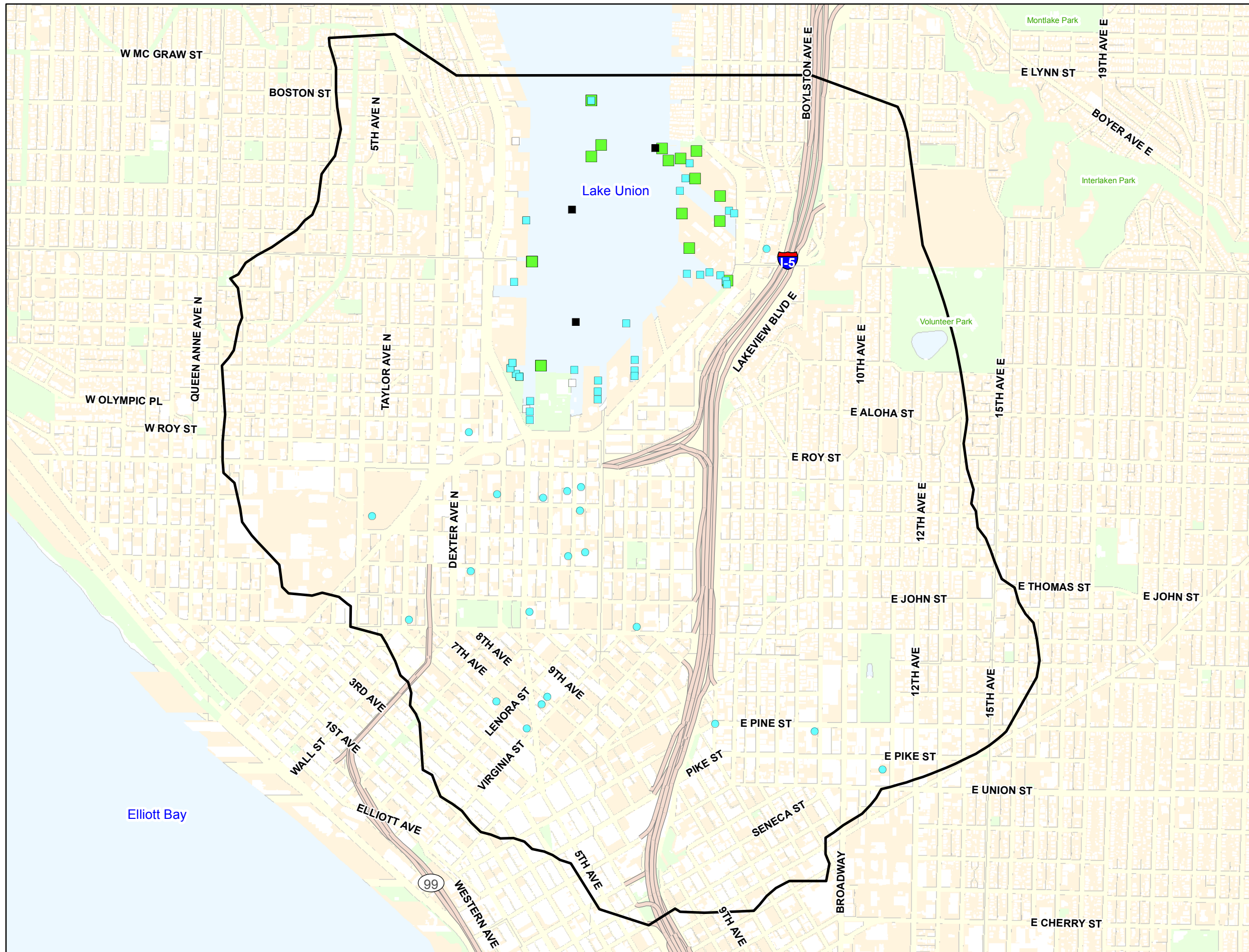


0 650 1,300 2,600 Feet  
 1 inch = 1,300 feet  
 Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 27.**  
 South Lake Union Study Area -  
 Copper in Cleanup Site  
 Groundwater Samples



Drawn By: GMAJ  
 Date: 6/19/2017  
 Job No: 320380.00.000.05.30.000



**Legend**

**Chromium in Soil**

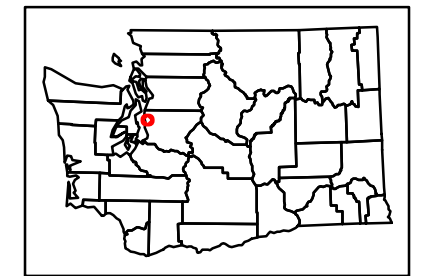
- Detected Less than SL
- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL

**Chromium in Sediment**

- Detected Less than SL
- Detected At or Greater than SL

▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 49,320 mg/kg  
 Freshwater Sediment Cleanup Objective: 72 ug/kg dry weight



0 650 1,300 2,600 Feet

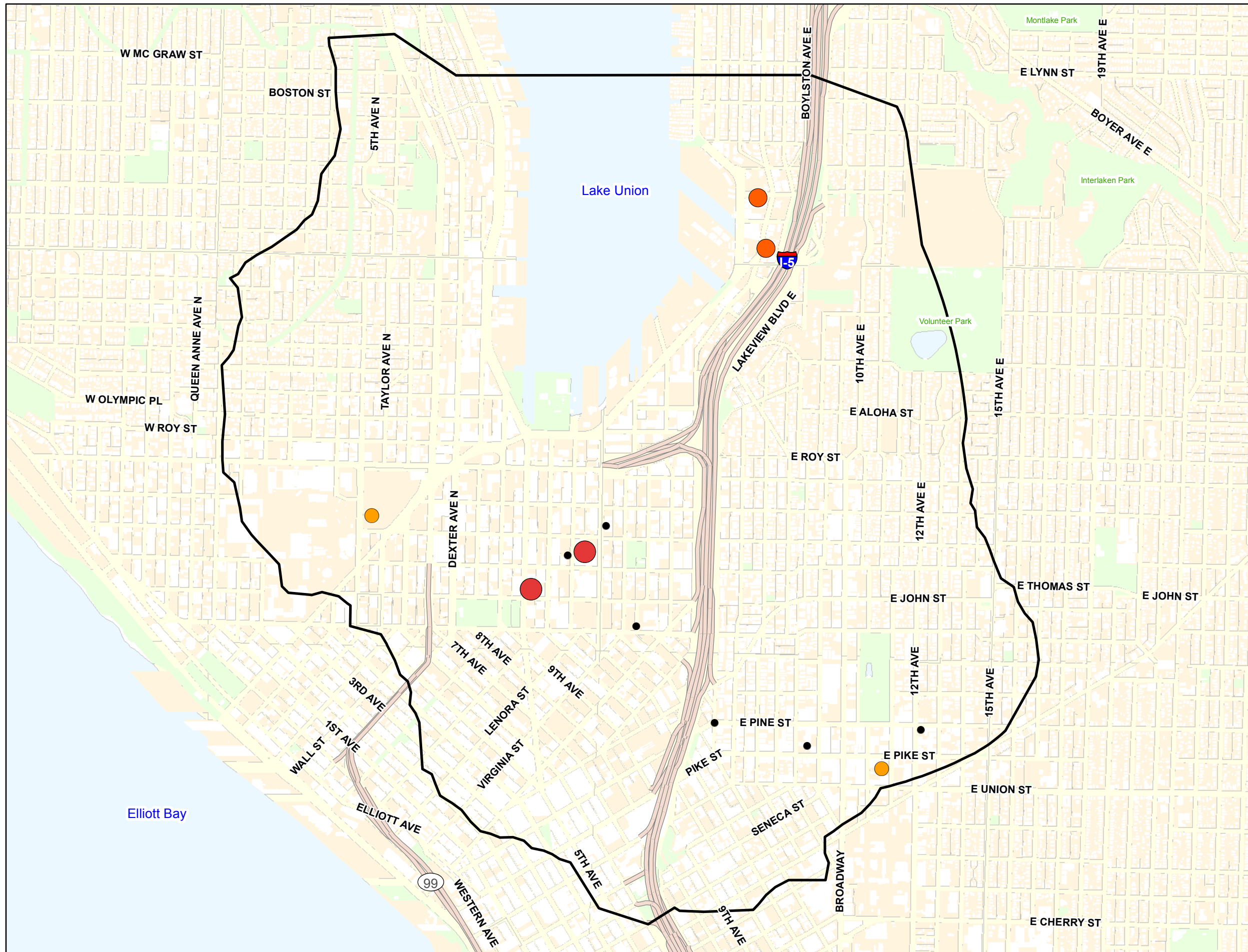
1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 28.**  
 South Lake Union Study Area -  
 Chromium in Cleanup Site Soil  
 and South Lake Union  
 Sediment Samples



Drawn By: GMAJ  
 Date: 6/29/2017  
 Job No: 320380.00.000.05.30.000



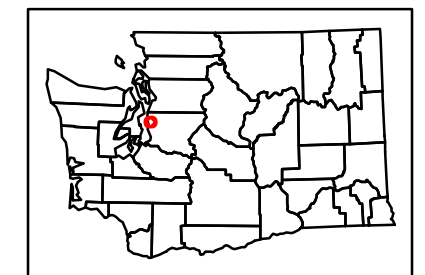
**Legend**

**Chromium in Groundwater**

- Not Detected - RL Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 0.0605 ug/L



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

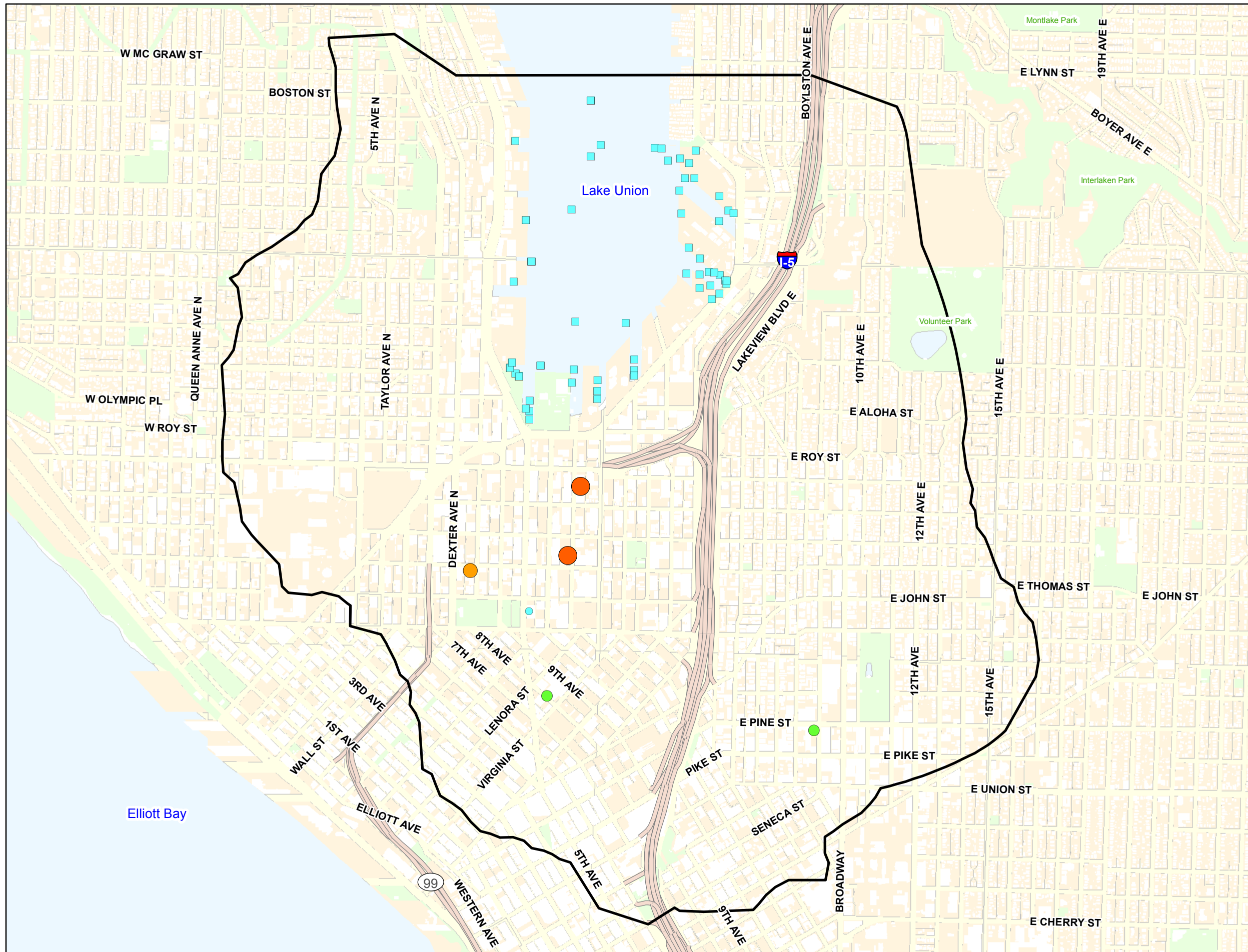
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 29.**  
 South Lake Union Study Area -  
 Chromium in Cleanup Site  
 Groundwater Samples

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 Job No: 320380.00.000.05.30.000



**Legend**

**Zinc in Soil**

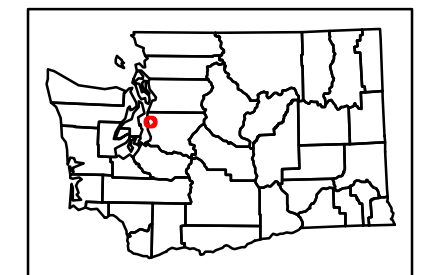
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL

**Zinc in Sediment**

- Detected Less than SL

South Lake Union Study Area

Screening Levels (SL)  
 Soil Protection of Groundwater–Saturated Zone: 5.05 mg/kg  
 Freshwater Sediment Cleanup Objective: 3,200 ug/kg dry weight



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

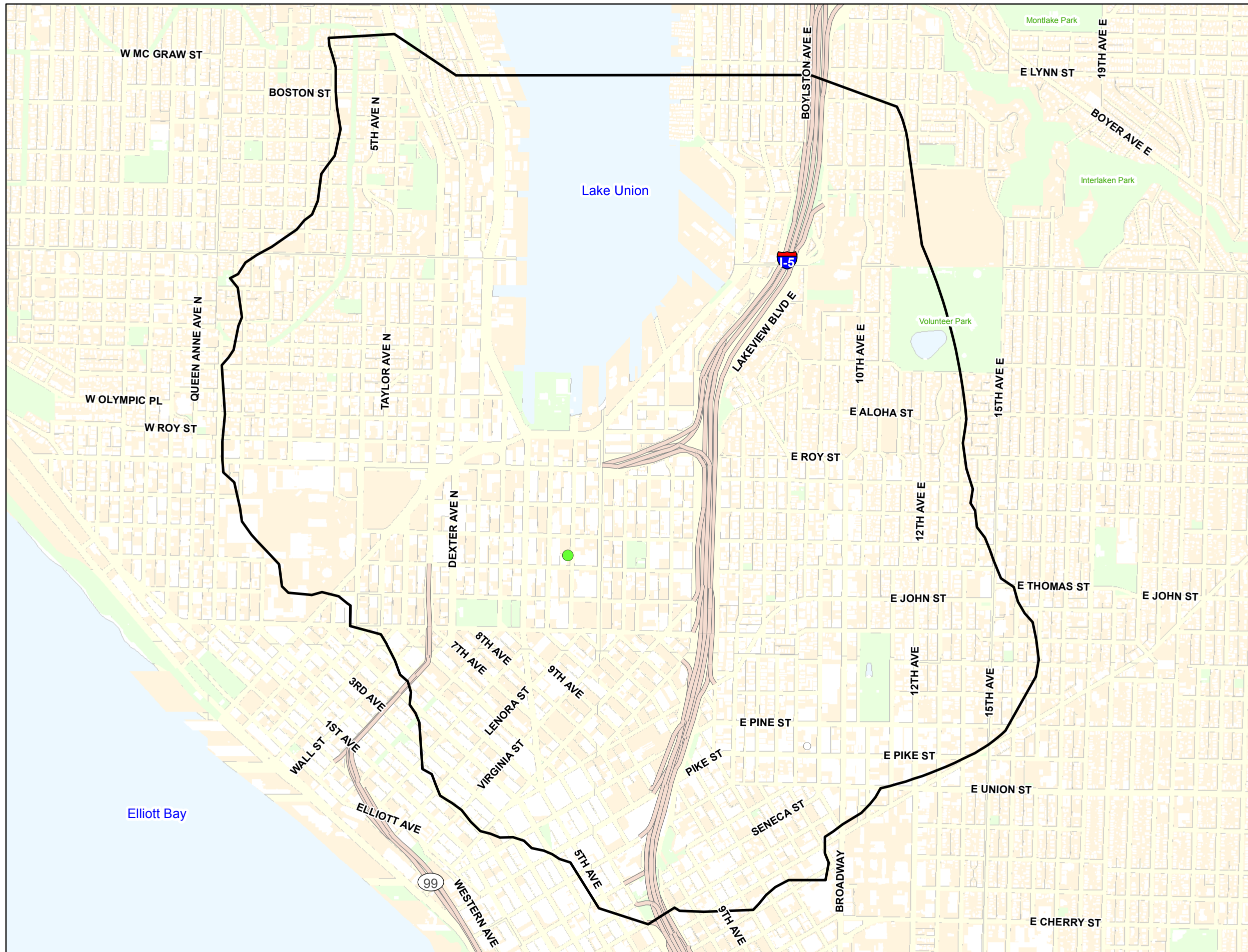
**Figure 30.**  
 South Lake Union Study Area -  
 Zinc in Cleanup Site Soil  
 and South Lake Union  
 Sediment Samples

DEPARTMENT OF  
**ECOLOGY**  
 State of Washington

**leidos**

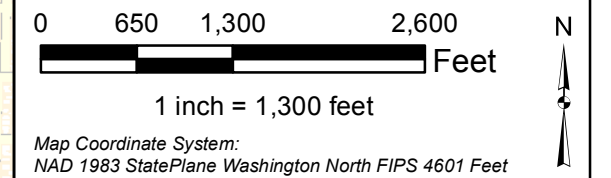
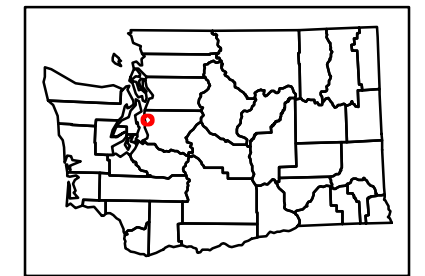
Drawn By: GMAJ  
 Date: 6/29/2017  
 Job No: 320380.00.000.05.30.000





- Legend**
- Zinc in Groundwater**
- Not Detected - RL Less than SL
  - Detected At or Greater than SL
  - ▭ South Lake Union Study Area

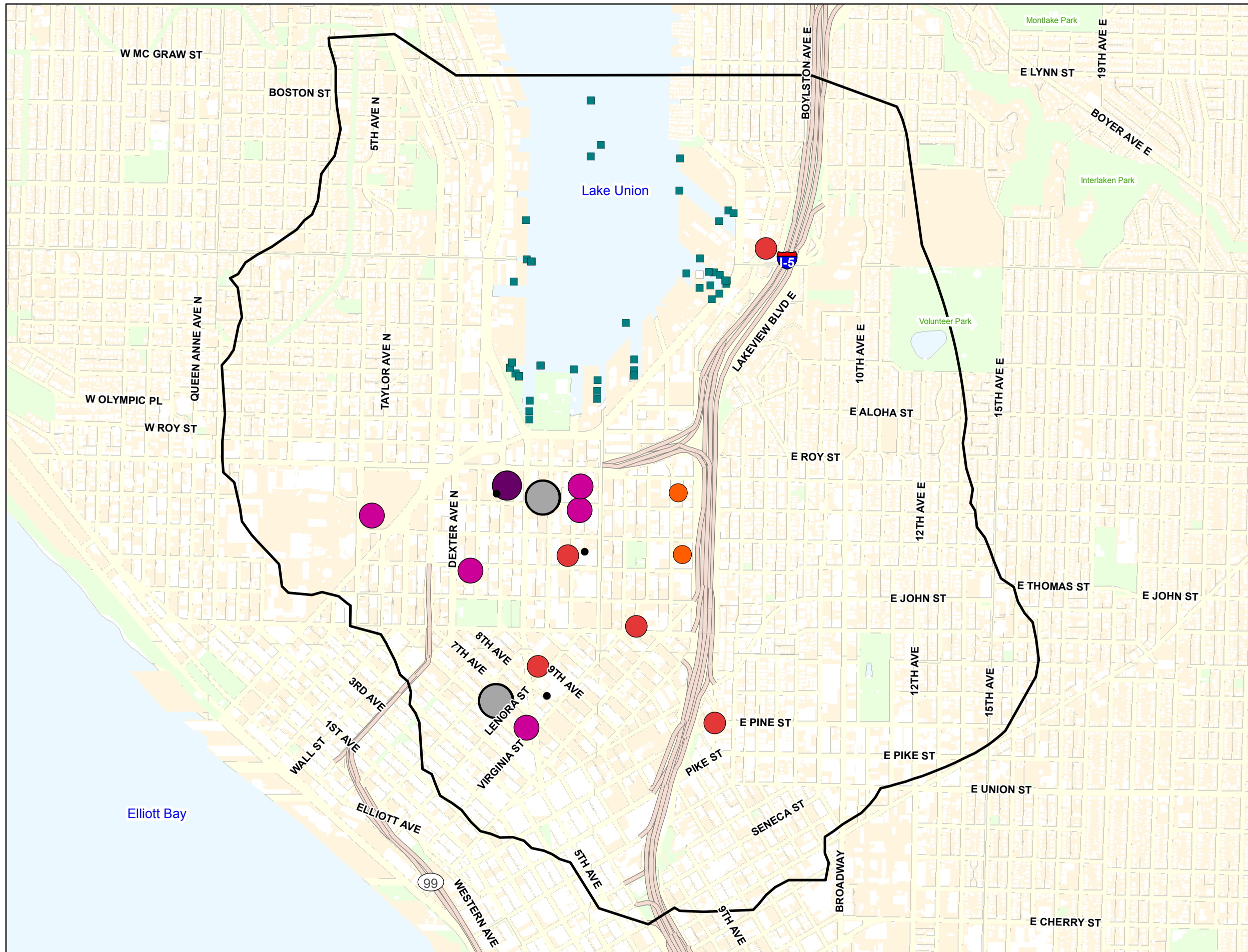
Screening Levels (SL)  
 Groundwater Protection of Sediment: 81 ug/L



**Figure 31.**  
 South Lake Union Study Area -  
 Zinc in Cleanup Site  
 Groundwater Samples



Drawn By: GMAJ  
 Date: 6/29/2017  
 Job No: 320380.00.000.05.30.000



**Legend**

**cPAH TEQ in Soil**

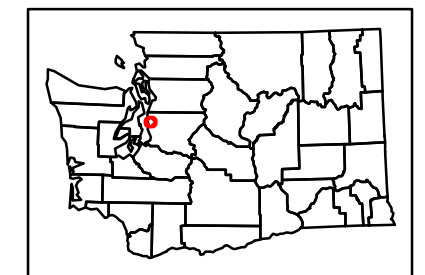
- Not Detected - RL Greater than SL
- Detected Greater than 100x SL
- Detected Greater than 1,000x SL
- Detected Greater than 10,000x SL
- Detected Greater than 100,000x SL
- Detected Greater than 1,000,000x SL

**cPAH TEQ in Sediment**

- Not Detected
- Detected

▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 0.000016 mg/kg



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

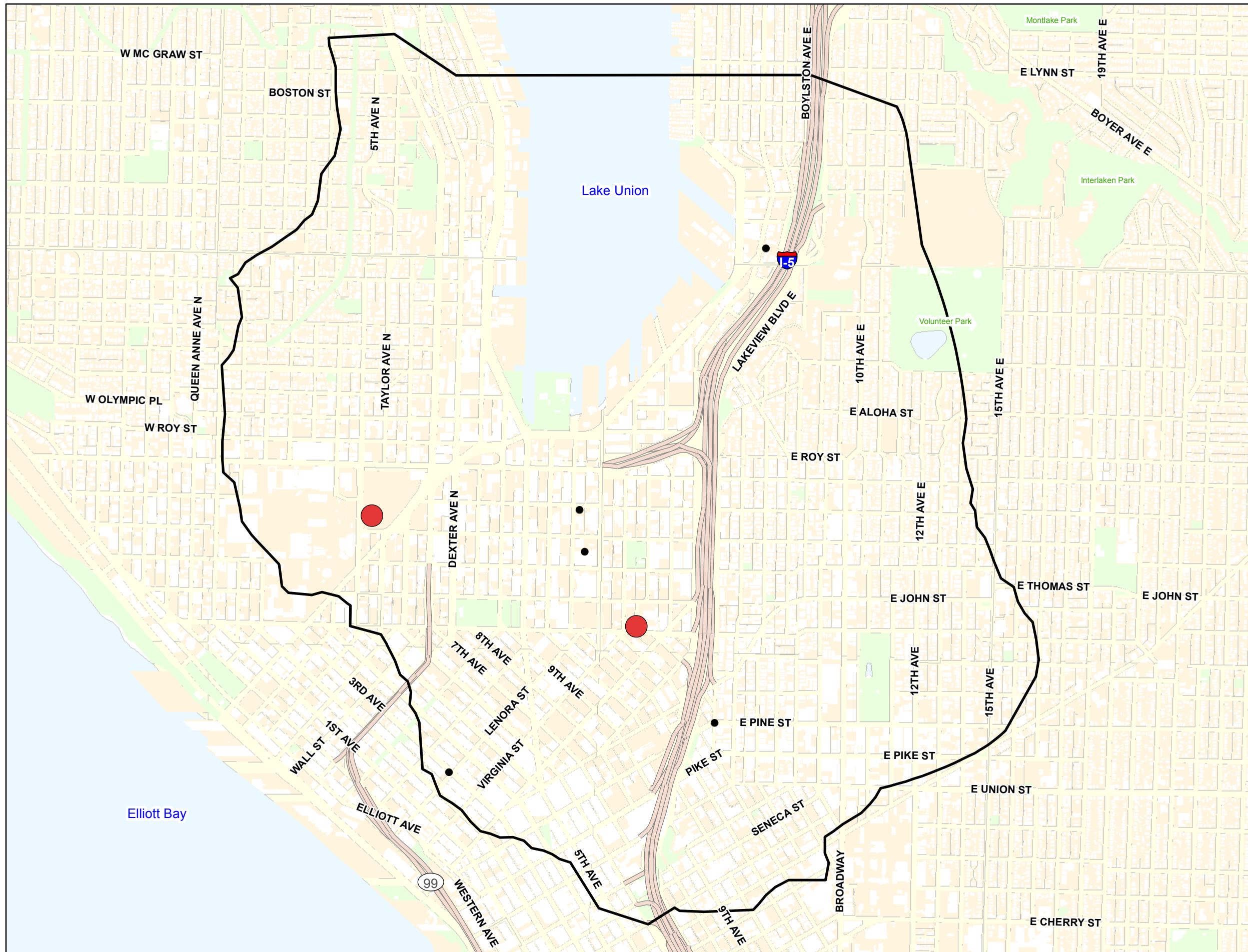
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 32.**  
 South Lake Union Study Area -  
 cPAH TEQ in Cleanup Site  
 Soil Samples

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 State of Washington

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Drawn By: GMAJ  
 Date: 6/29/2017  
 Job No: 320380.00.000.05.30.000

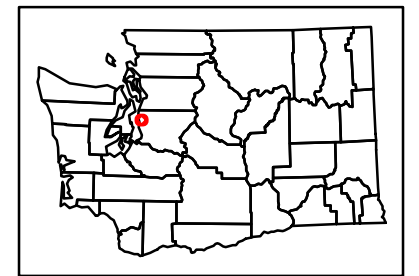


**Legend**

**cPAH TEQ in Groundwater**

- Not Detected - RL Greater than SL
- Detected Greater than 1,000x SL
- ▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 0.000016 ug/L

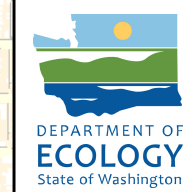


0 650 1,300 2,600 Feet

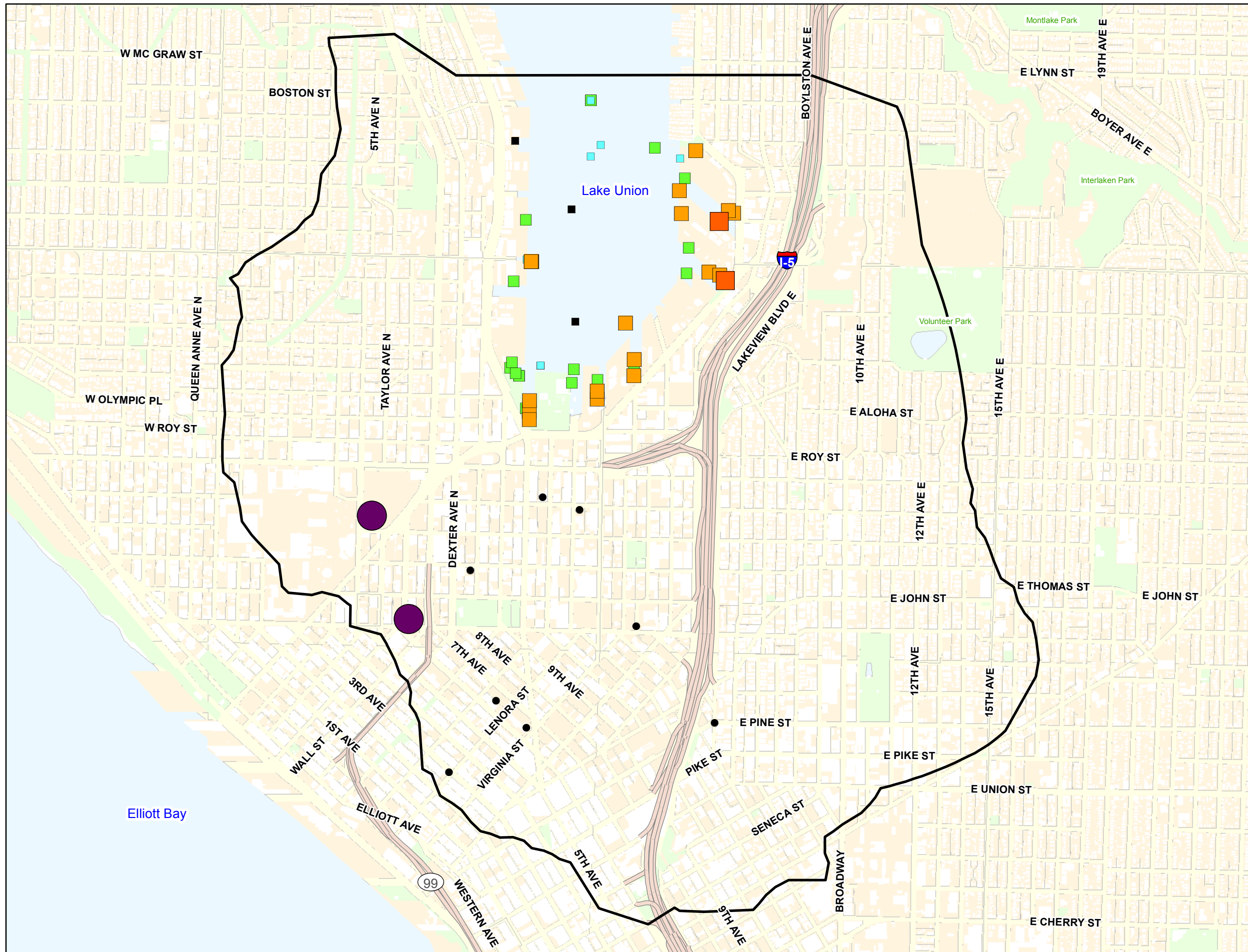
1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 33.**  
 South Lake Union Study Area -  
 cPAH TEQ in Cleanup Site  
 Groundwater Samples



Drawn By: GMAJ  
 Date: 6/20/2017  
 Job No: 320380.00.000.05.30.000



**Legend**

**Total PCB Aroclors in Soil**

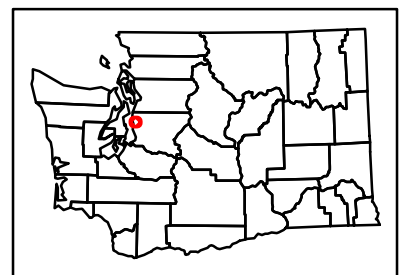
- Not Detected - RL Greater than SL
- Detected Greater than 100,000x SL

**Total PCB Aroclors in Sediment**

- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL

▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 0.000022 mg/kg  
 Freshwater Sediment Cleanup Objective: 110 ug/kg dry weight



0 650 1,300 2,600 Feet

1 inch = 1,300 feet

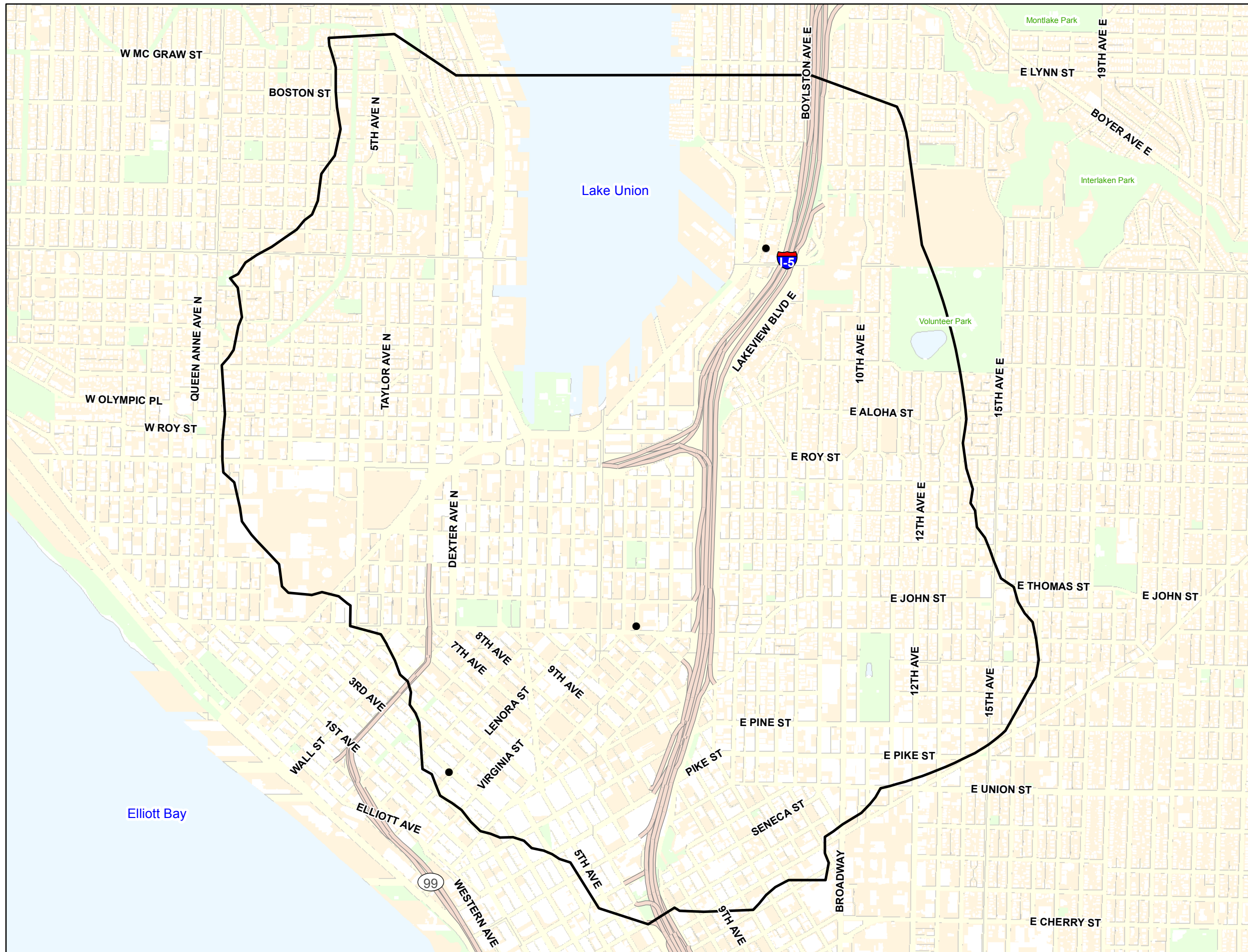
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 34.**  
 South Lake Union Study Area -  
 Total PCB Aroclors in Cleanup  
 Site Soil and South Lake Union  
 Sediment Samples



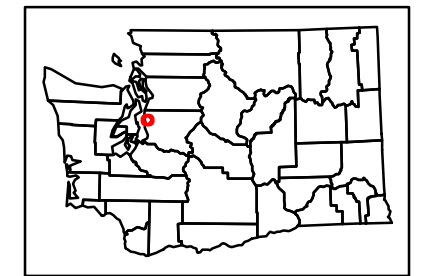
**leidos**

Drawn By: GMAJ  
 Date: 6/29/2017  
 Job No: 320380.00.000.05.30.000



**Legend**  
**Total PCB Aroclors in Groundwater**  
 ● Not Detected - RL Greater than SL  
 □ South Lake Union Study Area

**Screening Levels (SL)**  
 Groundwater Protection of Sediment:  
 0.000007 ug/L

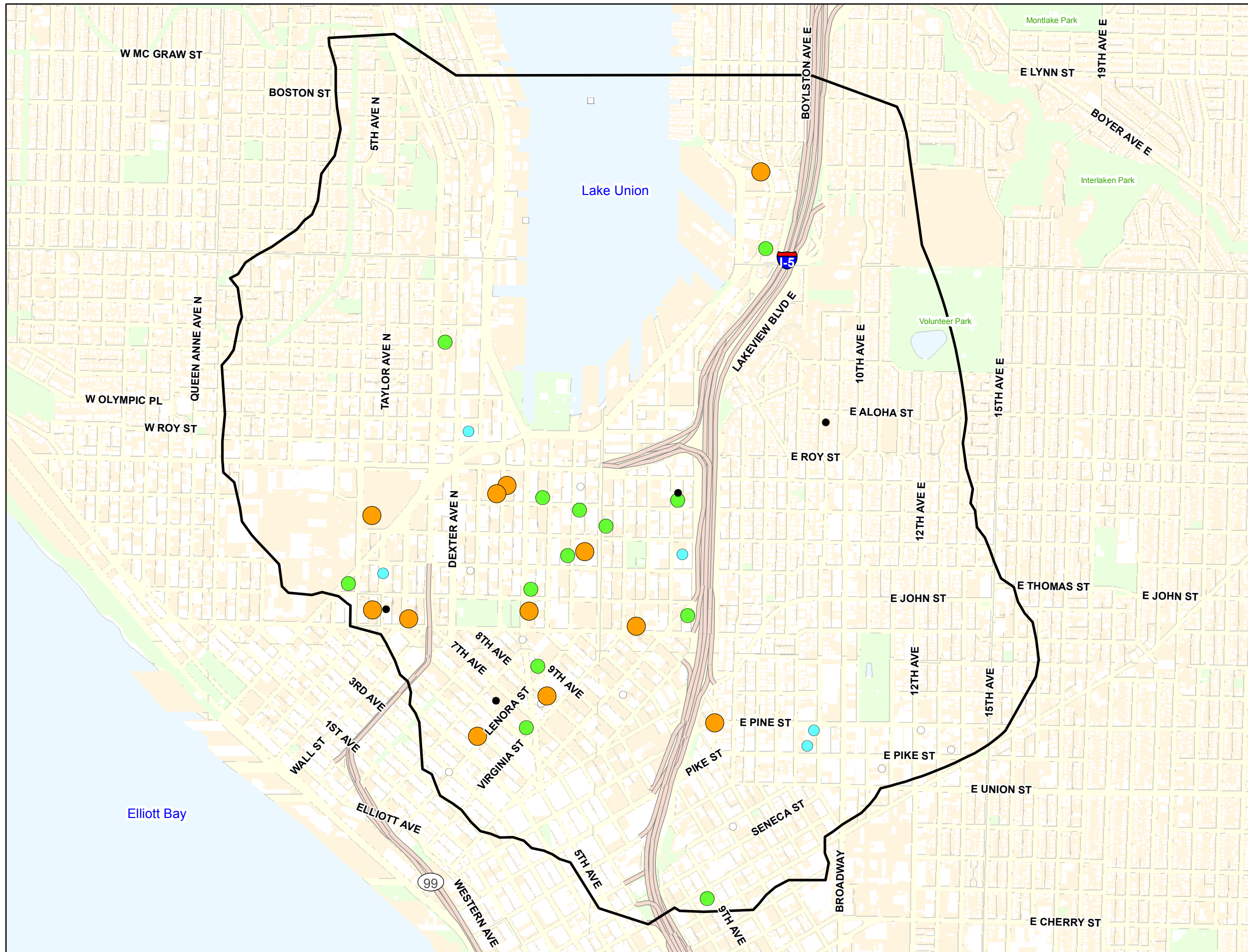


0 650 1,300 2,600 Feet  
 1 inch = 1,300 feet  
 Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 35.**  
 South Lake Union Study Area -  
 Total PCB Aroclors in Cleanup  
 Site Groundwater Samples



Drawn By: GMAJ  
 Date: 6/19/2017  
 Job No: 320380.00.000.05.30.000



**Legend**

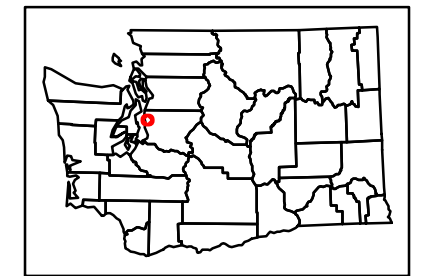
**Gasoline in Soil**

- Not Detected - RL Less than SL
- Not Detected - RL Greater than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL
- Detected Greater than 100x SL

**Gasoline in Sediment**

- Not Detected
- ▭ South Union Lake Study Area

Screening Levels (SL)  
Soil Protection of Groundwater-Saturated Zone: 30 mg/kg



0 650 1,300 2,600 Feet

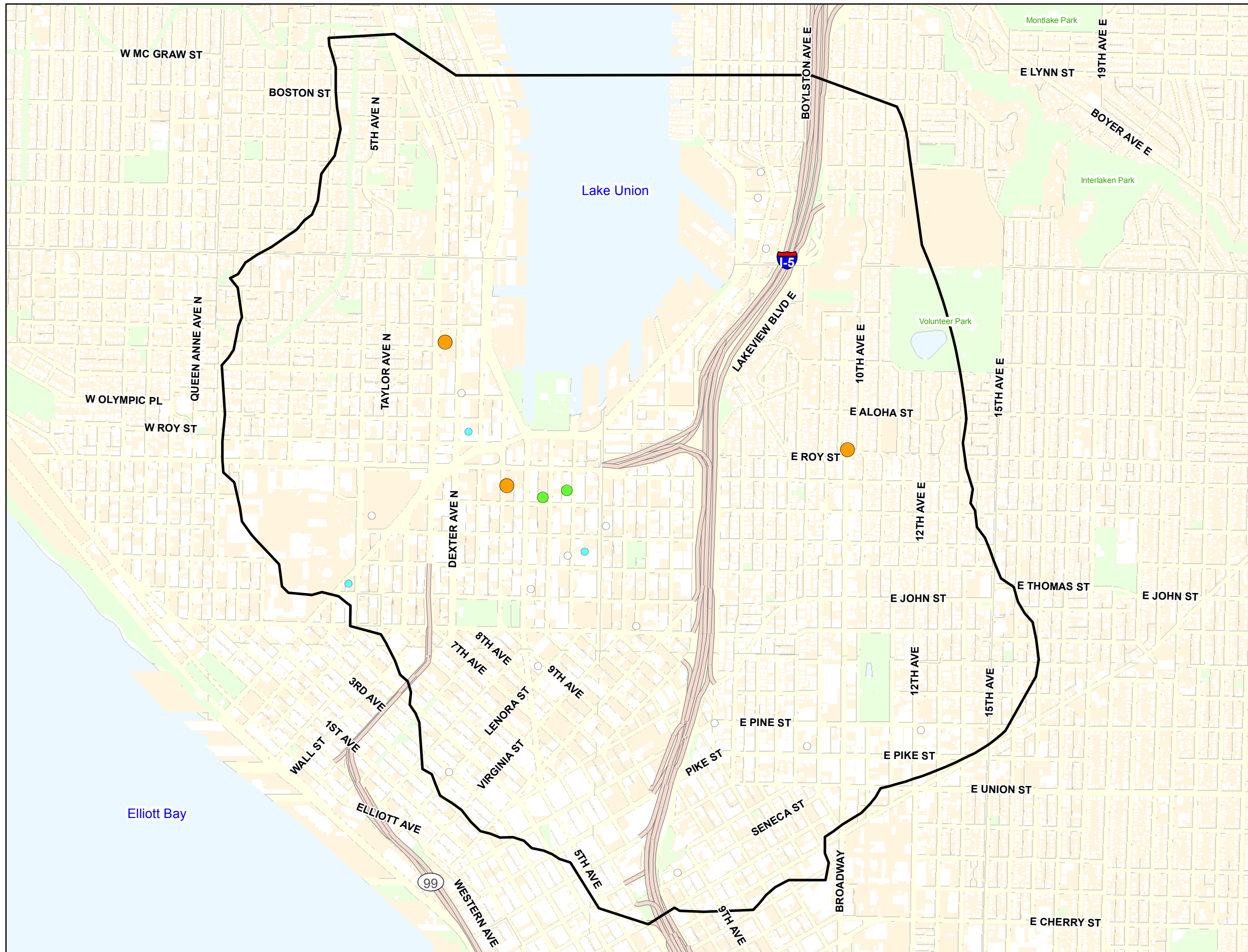
1 inch = 1,300 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 36.**  
South Lake Union Study Area -  
Gasoline in Cleanup Site  
Soil and South Lake Union  
Sediment Samples



Drawn By: GMAJ  
Date: 6/20/2017  
Job No: 320380.00.000.05.30.000



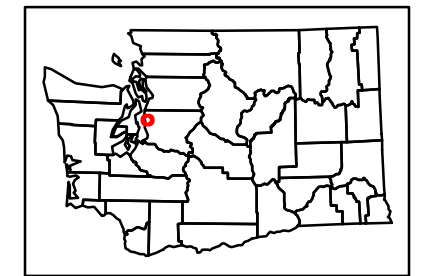
**Legend**

**Gasoline in Groundwater**

- Not Detected - RL Less than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment: 800 ug/L



0 650 1,300 2,600 Feet

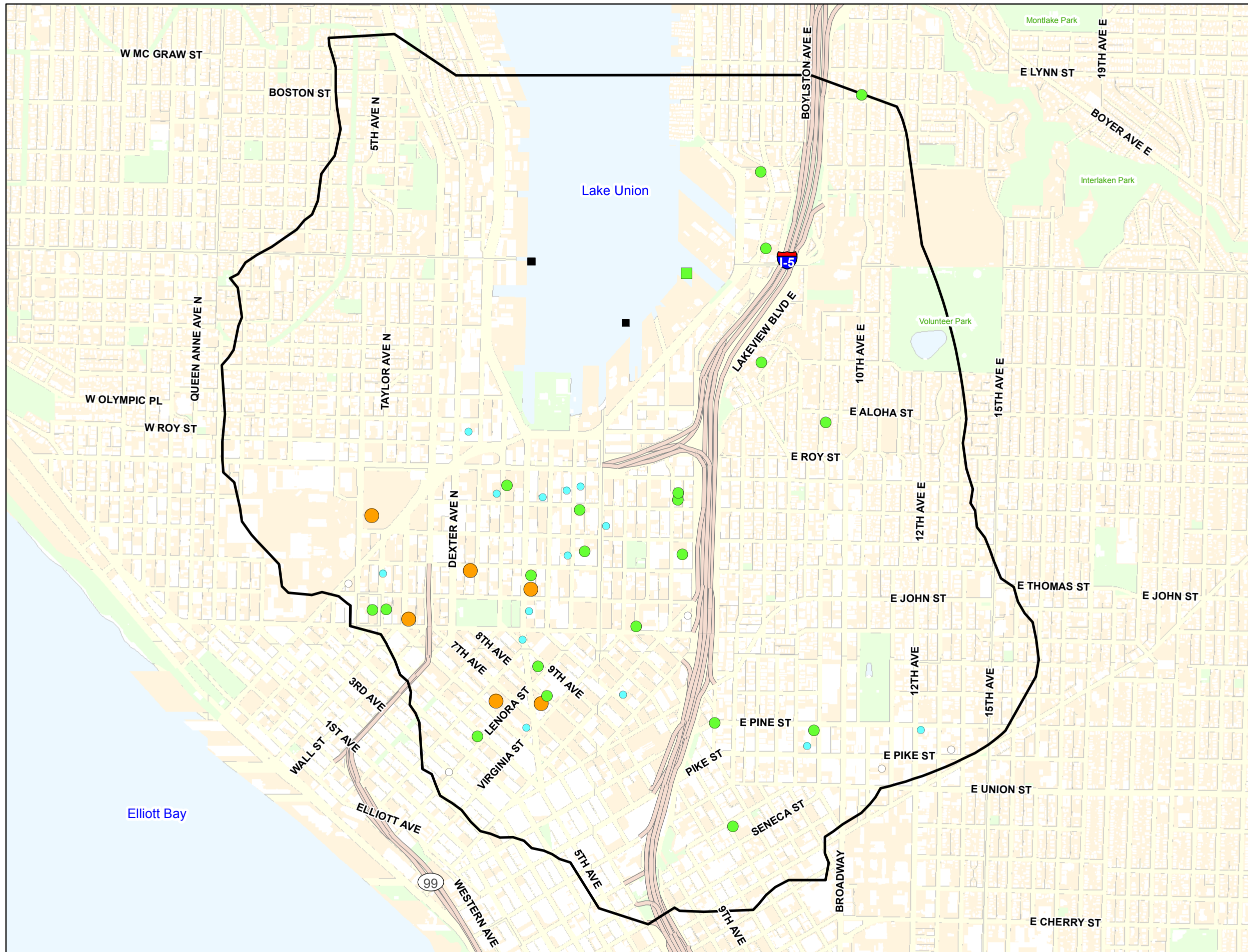
1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 37.**  
 South Lake Union Study Area -  
 Gasoline in Cleanup Site  
 Groundwater Samples



Drawn By: GMAJ  
 Date: 6/19/2017  
 Job No: 320380.00.000.05.30.000



**Legend**

**Diesel in Soil**

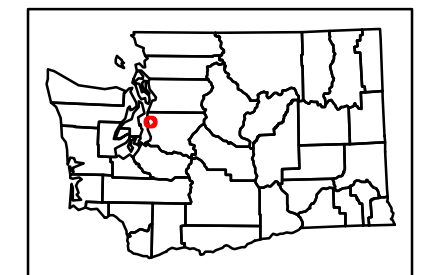
- Not Detected - RL Less than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL

**Diesel in Sediment**

- Not Detected - RL Greater than SL
- Detected At or Greater than SL

▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 2,000 mg/kg  
 Freshwater Sediment Cleanup Objective: 340 ug/kg dry weight

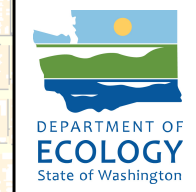


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

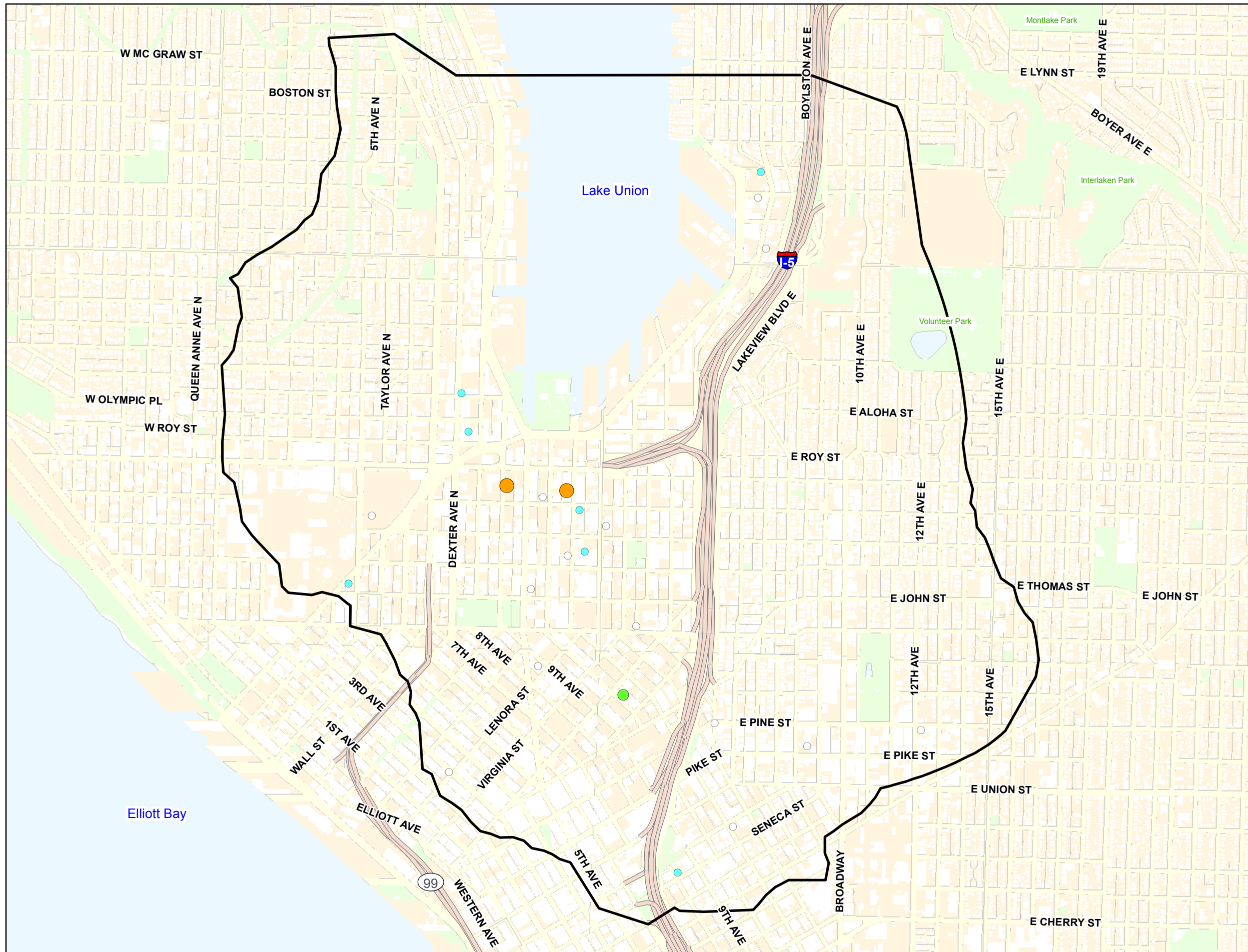
Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 38.**  
 South Lake Union Study Area - Diesel in Cleanup Site Soil and South Lake Union Sediment Samples



Drawn By: GMAJ  
 Date: 6/19/2017  
 Job No: 320380.00.000.05.30.000





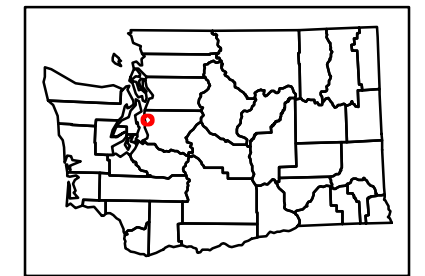
**Legend**

**Diesel in Groundwater**

- Not Detected - RL Less than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 500 ug/L



0 650 1,300 2,600 Feet

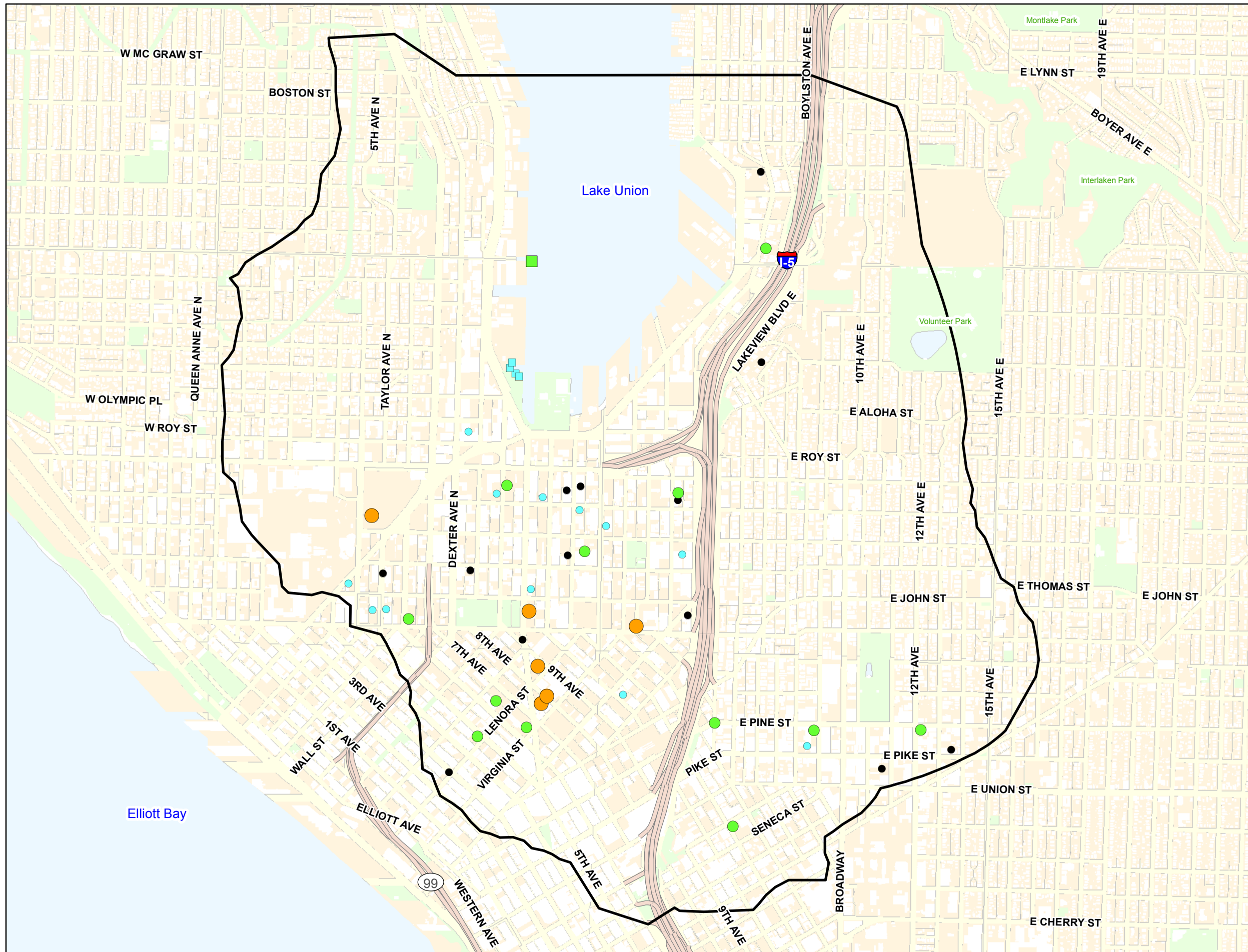
1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 39.**  
 South Lake Union Study Area -  
 Diesel in Cleanup Site  
 Groundwater Samples



Drawn By: GMAJ  
 Date: 6/19/2017  
 Job No: 320380.00.000.05.30.000



**Legend**

**Heavy Oil in Soil**

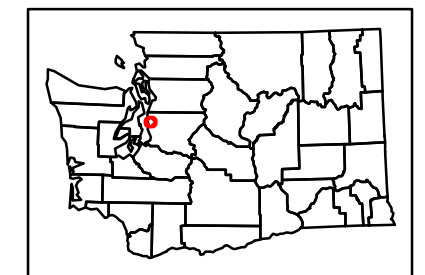
- Not Detected - RL Greater than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL

**Heavy Oil in Sediment**

- Detected Less than SL
- Detected At or Greater than SL

▭ South Lake Union Study Area

**Screening Levels (SL)**  
 Soil Protection of Groundwater-Saturated Zone: 2,000 mg/kg  
 Freshwater Sediment Cleanup Objective: 3,600 ug/kg dry weight

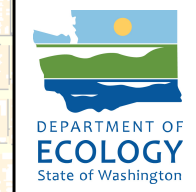


0 650 1,300 2,600 Feet

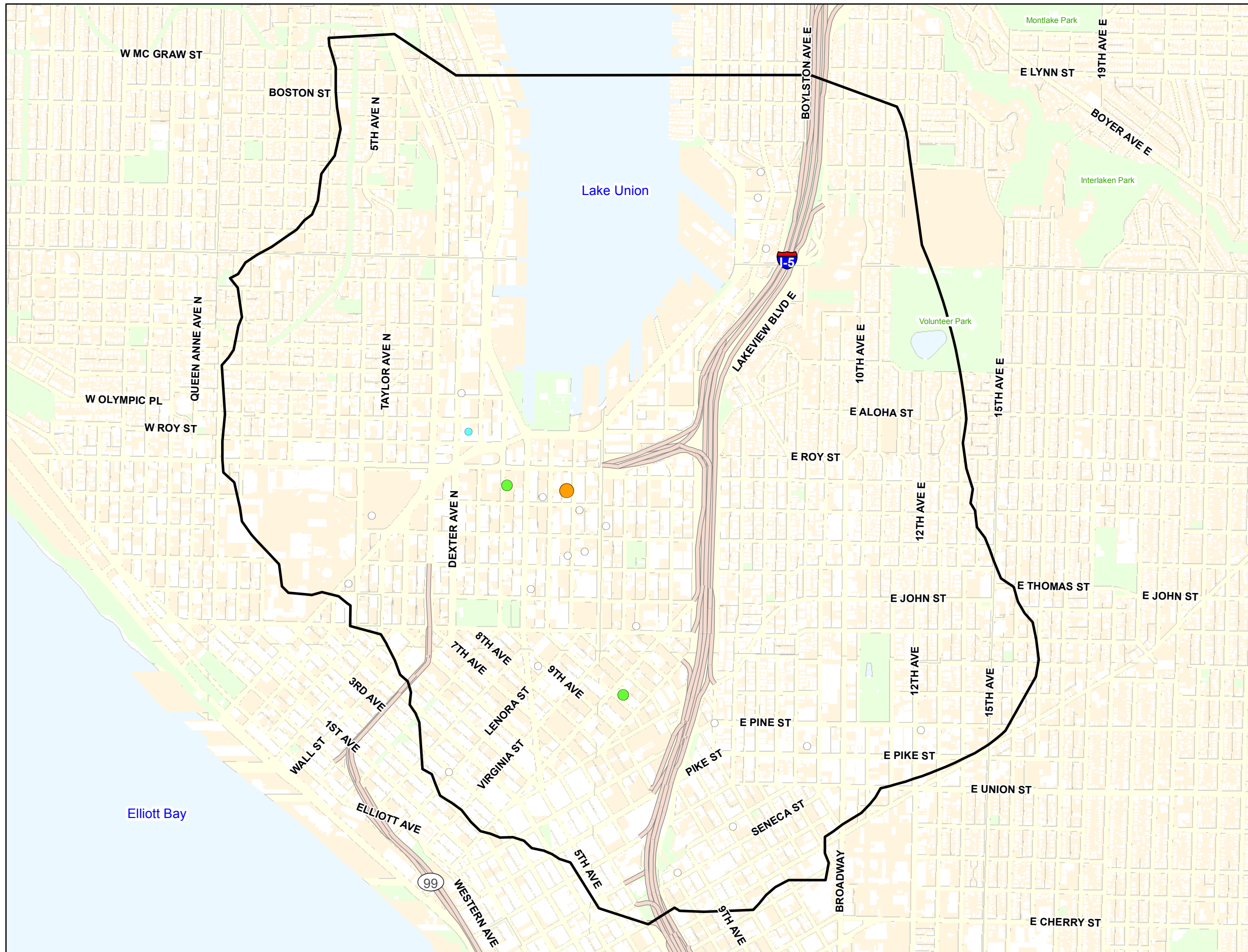
1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 40.**  
 South Lake Union Study Area -  
 Heavy Oil in Cleanup Site Soil  
 and South Lake Union  
 Sediment Samples



Drawn By: GMAJ  
 Date: 6/29/2017  
 Job No: 320380.00.000.05.30.000



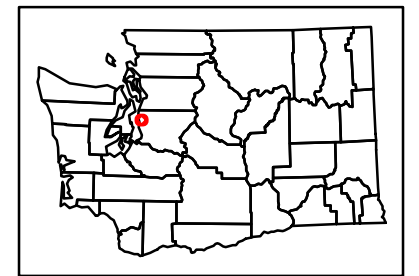
**Legend**

**Heavy Oil in Groundwater**

- Not Detected - RL Less than SL
- Detected Less than SL
- Detected At or Greater than SL
- Detected Greater than 10x SL

▭ South Lake Union Study Area

Screening Levels (SL)  
 Groundwater Protection of Sediment:  
 500 ug/L

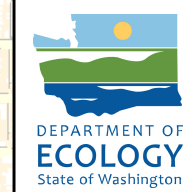


0 650 1,300 2,600 Feet

1 inch = 1,300 feet

Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure 41.**  
 South Lake Union Study Area -  
 Heavy Oil in Cleanup Site  
 Groundwater Samples



Drawn By: GMAJ  
 Date: 6/20/2017  
 Job No: 320380.00.000.05.30.000

# Tables



**Table 1  
South Lake Union Study Area  
Cleanup Sites**

Facility/ Site ID	Facility Name	Alternate Names	Address	Cleanup Site ID	Site Status	Ecology Database Listings			Ecology Facility/Site Database Information								EIM		
						Cleanup Site Search	TCP Web Reporting	What's in My Neighbor- hood	SCS	SCS ID	LUST ID	IRAP	IRAP ID	VCP	VCP ID	IC	IC ID	EIM Study ID	EIM Data
77799839	1200 BLOCK DEXTER AVENUE		1200 BLOCK DEXTER AVE	1590	NFA	●		●							●				
13741	1200 Madison Street Property		1000 MINOR AVE & 1200 MADISON S	12070	NFA			●			619949					●			
3279158	1214 8TH AVE	Cielo Apartments, Laconia Development	1214 8TH AVE	933	NFA	●		●	●					●	NW2721			VCNW2721	●
8348	12th Ave Arts Associates LLC	Twelfth Ave Arts	1608 1620 12TH AVE	12342	NFA	●		●								●			
21686	13th & Howell 1803		1803 13TH AVE	13097	NFA	●		●								●			
20276	13th & Howell 1809		1809 13TH AVE	13098	NFA	●		●								●			
91235794	1700 Seventh		1700 7TH AVE	4588	NFA	●		●						●	NW0793				
6625	1918 Eighth Office Tower	8th & Virginia Building	1918 8TH AVE	12346	CS	●	●	●			620114					●			
19323	202 Westlake Office Building		202 WESTLAKE AVE N	11731	CS	●	●	●			619834			●	NW2559			VCNW2559	●
2457442	2021 MINOR AVE E	BERGER & ASSOCIATES, MINOR AVE EAST BLDG, THE BERGER PARTNERSHIP	2021 MINOR AVE E	5285	NFA	●		●			200370			●					
1815	230 Broadway East		230 BROADWAY E	11677	NFA	●		●								●	ERTS 628987		
15119	400 Fairview LLC Seattle		412 FAIRVIEW AVE N	12065	CS	●	●	●						●	NW2679			VCNW2679	●
861982	428 Westlake LLC		428 WESTLAKE AVE N	485	NFA	●		●	●					●	NW1418				
3229556	4th & Virginia	Escala Condominiums, ESCALA OWNERS ASSOCIATION	1920 4TH AVE	2152	CS	●	●	●	●					●	NW1600				
20345	525 Boren Building		525 BOREN AVE N	12132	CS	●	●	●						●	NW2741			VCNW2741	●
4456856	600 wall street		600 WALL ST	3327	CS	●	●	●						●	NW1836				
2908550	744 Harvard Ave		744 HARVARD AVE E	1349	NFA	●		●						●	NW1940			VCNW1940	●
8747213	818 Stewart St Construction Site		818 STEWART ST	3096	CS	●	●	●	●					●	NW1830				
2456	9TH AV & LENORA ST SITE	WA Library for the Blind	2020 8TH AVE	2938	NFA	●		●				●							
2404	A1 BRAKE	A1 Clutch and Brake	1520 10TH AVE	3160	AC	●	●	●	●										
2076	ABC METAL FINISHING Inc		528 PONTIUS AVE N	789	NFA	●		●	●										
24939396	ABC TOWING RYDER TRUCK	Chevron Vacant Site, Hampton Inn	707 TAYLOR AVE N / 700 5TH AVE N	8452	CS	●	●	●			101758								
45455657	Alley 24 West LLC	RICHMOND PEMCO, TOMLINSON INC PONTIUS AVE	224 PONTIUS AVE N	3611	NFA	●		●						●	NW1147	●			
7811	Amazon VI	Amazon VI, City Place VI Bock 44	515 WESTLAKE AVE N	12471	NFA	●		●											
3573	American Linen Supply Co Dexter Ave	Maryatt Industries	700 DEXTER AVE N	12004	CS	●	●	●						●	NW2652			VCNW2652	●
6153541	Aoki Property		1314 E PIKE ST	2994	CS	●	●	●						●	NW1743			VCNW1743	●
1908878	Archstone Belltown	FORMER WALL STREET TOWERS	500 WALL ST	1767	CS	●	●	●						●	NW1787 NW1919				
215799	ARE Seattle No 15 LLC	GILEAD SCIENCES	199 E BLAINE ST	3974	CS	●	●	●						●	NW1963			VCNW1963	●
14584	Art Stable Building		516 YALE AVE N	2510	NFA	●		●						●	NW2264			VCNW2264	●
99996998	ASCO Property	224 WESTLAKE AVE N	224 WESTLAKE AVE N	4884	NFA	●		●						●	NW2137			VCNW2137	●
24436664	AUTO SERVICE COMPANY	SEATTLE CITY WESTLAKE	630 WESTLAKE AVE N	5749	CS	●	●	●	●		200192								
27611753	Auto Service Europa Inc	COMPLETE AUTOMOTIVE INC UST 6518	717 DEXTER AVE N	11863	NFA	●		●						●	NW2597				
5186	B & O Building		1650 E OLIVE WAY	12245	NFA	●		●								●			
22254391	Barg French Cleaners	HEIDEN BLDG	1929 3RD AVE	4045	CS	●	●	●						●	NW0580				
6546	BARGREEN I	AMLI South Lake Union I	505 YALE AVE N & 1260 REPUBLICAN ST	12114	NFA	●		●			619919					●			
79418734	BASIL LEE PROPERTY	Lee Site	505 HARRISON ST	10558	CS	●	●	●			368789								
3346	Belroy Court Apartments		725 BELLEVUE AVE E	11771	NFA	●		●						●	NW2574				
97413673	BENAROYA METROPOLITAN PARK NORTH TOWER	MOTORSPORTS INTERNATIONAL	1220 HOWELL ST	6963	NFA	●		●			11899			●					
35373584	BILTMORE GARAGE & APARTMENTS		105 BELLEVUE AVE E	8837	NFA	●		●			459394								
2249	BIRD JOHNSON Co	COOLIDGE PROPE, COLLIDGE PROPELLER, Sound Propeller Services, Inc	1608 FAIRVIEW AVE E	1277	CS	●	●	●											

**Table 1  
South Lake Union Study Area  
Cleanup Sites**

Facility/ Site ID	Facility Name	Alternate Names	Address	Cleanup Site ID	Site Status	Ecology Database Listings			Ecology Facility/Site Database Information								EIM		
						Cleanup Site Search	TCP Web Reporting	What's in My Neighbor- hood	SCS	SCS ID	LUST ID	IRAP	IRAP ID	VCP	VCP ID	IC	IC ID	EIM Study ID	EIM Data
17031	Block 19 7th and Lenora	Amazon Rufus 2.0 Blk19	2101 7TH AVE	12918	NFA			●						●	NW3011			VCNW3011	●
23876	Block 20 8th & Blanchard		2101 2121 8TH AVE & 2130 2100 7TH AVE	13061	AC	●	●	●	●										
15148	Block 26 W City Place II LLC		526 BOREN AVE N	2137	NFA	●		●						●	NW2259			VCNW2259	●
14637	Block 32 North Bldg City Place III LLC		1001 & 1021 MERCER ST 500 TERRY AVE N	1761	CS	●	●	●						●	NW2219				
3834	Block 35 E City Place V		207 BOREN AVE N	11661	NFA	●		●						●	NW2487				
602477	Block 40 East & West Westlake & Terry		320 WESTLAKE AVE N	333	CS	●	●	●						●	NW1680				
7456	Block 45	Block 45 City Place VII	400 412 9TH AVE N	13073	NFA	●		●								●	UST 620119		
33641566	BMW SEATTLE PIKE ST	NORMAN ENTERPRISES, Pike Motorsports	714 E PIKE ST	1055	NFA	●		●						●	NW0118 NW2618			VCNW2618	●
609006	BRE Properties Inc	TEAMSTERS UNION PROPERTY	552 DENNY WAY & 553 JOHN ST	802	NFA	●		●						●	NW1894			VCNW1894	●
17539	Broadstone Capitol Hill Venture LLC	11th & Union Property	1414 10TH AVE	12090	CS	●	●	●						●	NW2703				
2509	BROADWAY CREST APARTMENTS		734 BROADWAY E	3178	NFA	●		●				●							
3953436	Broadway QFC Project	JOULE APARTMENTS PROPERTY	BROADWAY HARVARD AVE E & E MERCER ST	3821	CS	●	●	●						●	NW1871				
76793183	BUDGET RENT A CAR BOREN	BUDGET RENT A CAR OF WA & OR UST 9889	1930 BOREN AVE	2128	NFA	●		●		9889	●	9889							
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	BUDGET RENT A CAR WESTLAKE AVE	2001 WESTLAKE AVE	6877	NFA	●		●	●					●	NW0906 NW3010			VCNW3010	●
24572	Capitol Hill Park	Seven Hills Park	1514 E HOWELL ST	12580	CS	●	●	●	●										
18688	Cascade 1 & 2 Apartments		MINOR & FAIRVIEW AVE N, THOMAS & JOHN 205 221 229 235 MINOR & 222 230 FAIRVIEW	12649	AC	●	●	●	●										
10210	Cascade Supportive Housing		424 MINOR AVE N	1338	CS	●	●	●						●	NW2251				
64349368	CHARLIES RESTAURANT		1500 FAIRVIEW AVE E	6435	NFA	●		●			200737			●	NW0944				
93469186	CHEVRON 95723	MIKE BEASLEYS CHEVRON SERVICE	1225 DENNY WAY	6889	NFA	●		●			5195			●	5195				
56827327	Chevron USA Inc 90123	BROADWAY & ROY CHEVRON, BROADWAY ROY 76	915 E ROY ST	977	CS	●	●	●						●	NW2225				
1419215	Chijako Restaurant	1000 MADISON, LLC	1016 MADISON ST	3840	CS			●	●					●	NW1758				
2494	City Mini Storage		2000 TERRY AVE	2665	NFA	●		●	●										
16746	City Place IV Block 34		331 BOREN AVE N	2066	NFA	●		●						●	NW2194			VCNW2194	●
4852	CK Graphics Inc		501 E PIKE ST	12650	CS	●	●	●								●			
48896698	Color Service Inc	Urban Union Development	509 FAIRVIEW AVE N 1114 REPUBLICAN ST	12669	NFA	●		●	●										
44999856	Craftsman Press		1155 VALLEY ST	3515	NFA	●		●				●							
18615	Creases Dry Cleaner	Williamsburg Court Apartments	1820 TERRY AVE	12453	CS	●		●						●	NW2915			VCNW2915	●
19790	Cue Apartment Property		721 725 E PINE ST, 1527 HARVARD AVENUE	12529	NFA	●		●						●	NW2937			VCNW2937	●
46536571	Daniel Boone Paint Co Inc Seattle		1401 1405 DEXTER AVE N	9319	CS	●	●	●			6847			●	NW3062				
41751629	DENNY WAY SHELL	DENNY WAY SHELL & LIQUOR, STADIUM MARKET SHELL, Wrights Restaurant	620 DENNY WAY	9568	NFA	●		●			434808								
35612846	DIAMOND PARKING SERVICES	SHELL 809 OLIVE WAY	809 OLIVE WAY	2780	NFA	●		●						●	NW2101				
37162797	DOLLAR RENT A CAR UST 4366		7TH & STEWART	8918	CS	●	●	●			4366								
96562157	Eastlake Auto Ctr	EASTLAKE AUTOMOTIVE INC DBA SCOTTS S	215 E GARFIELD ST	11249	NFA	●		●			2673								
66184117	ELEPHANT CAR WASH UST 4919		616 BATTERY ST	10077	NFA			●			4919			●	NW2831			VCNW2831	●

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22102	ENSO 2201 Westlake		2201 WESTLAKE AVE	11402	NFA	●		●						●	NW2310			VCNW2310	●
18780	Equinox Apartments		1520 EASTLAKE AVE E	11426	NFA			●						●	NW2342			VCNW2342	●
12349466	FAIRFIELD SUITES	MARRIOTT FAIRFIELD SUITES INN, SPRINGHILL SUITES	1808 & 1812 YALE AVE	4142	NFA	●		●						●					
59628945	FAIRVIEW WAREHOUSE 070299		800 820 FAIRVIEW	9846	NFA	●		●		10000									
59162297	Fat City Inc Seattle	8th and Thomas JV LLC	777 THOMAS ST	12679	NFA	●		●						●	NW2976			NW2976	●
7635371	FEDERAL APARTMENTS (Gemperle Group)	THE GEMPERLE GROUP, INC.	419-425 FEDERAL AVE S	1034	NFA	●		●								●			
51352493	FEDERAL COURTHOUSE <sup>1</sup>	GENERAL SERVICES ADMINISTRATION FEDERAL BUILDING, US GENERAL SERVICES ADMINISTRATION, US GSA FEDERAL COURTHOUSE	700 STEWART ST	3966	AC	●	●	●											
2121	FIBERLAY INC		1158 FAIRVIEW AVE N	36	NFA	●		●	●										
21907	Fifth and Broad Property	1221 Denny LLC, Seattle Monorail Project	417 BROAD ST	12242	CS	●	●	●		620081				●	NW2793			VCNW2793	●
32145888	Firestone Tire & Rubber Co	FIRESTONE STORE 31A9	400 WESTLAKE AVE N	12005	CS	●	●	●		592						●			
7028351	FIRST CHOICE BUSINESS MACHINES	AT&T WIRELESS DENNY WAY & STEWART	1333 STEWART ST	1516	CS	●	●	●	●					●	NW1906			VCNW1906	●
45618198	Foley Sign Co Inc	PACKARD BUILDING	1205 E PINE ST	9289	CS	●	●	●	●					●	NW2381 NW2593			VCNW2381	●
92971258	Foreign Auto Rebuild Inc		421 EASTLAKE AVE E	11096	CS	●	●	●											
2368	FRED HUTCHINSON CTR LK UNION	FUZZY WUZZY, KOLL LAKE UNION ASSOCIATES, PBS SUPPLY	EASTLAKE AVE E & FAIRVIEW AVE N	1891	CS	●	●	●						●	NW0200				
7891850	Fred Hutchinson Research Ctr Phase IV		900 FAIRVIEW AVE N	1002	NFA	●		●						●	NW1082				
12733468	FREEWAY GARAGE		1512 8TH AVE	7954	NFA	●		●		2484									
1996895	Freyermuller Enterprises Inc	LAKESHORE PROPERTY #005, LC'S DELI, LOS DELI 213	1108 AURORA AVE N	5272	NFA	●		●		4057				●	NW2662 NW2888			VCNW2662	●
2473	FUZZY WUZZY RUG CO	FRED HUTCHINSON PROPERTY, Seattle Mental Health Institute	815 EASTLAKE AVE E	5113	NFA	●		●		2054	●								
82656848	GM Westlake Buick Dealership	GENERAL MOTORS CORP SEATTLE COMM	101 WESTLAKE N	10654	NFA	●		●		102346									
39199977	Goodyear Svc Store Seattle 8841	GOODYEAR ASC 8841, Goodyear Stewart Street	1105 STEWART ST, 1812 BOREN AVENUE	8998	CS	●	●	●		9318				●	NW3063				
1197848	Greiling Property	CULINARY COURIERS INC, EVANGELICALS CONCERNED	222 WESTLAKE AVE N	1528	AC	●	●	●	●										
89512719	Greyhound Denny Way Facility	Greyhound Lines Inc Seattle 780013, Department of Lighting, GREYHOUND TERMINAL 7882, Seattle City Light Denny Way Seattle	1250 DENNY WAY	10976	CS	●	●	●										VCNW2945	●
41719156	Gunn Building		1165 EASTLAKE AVE E 4TH FL	4272	AC	●	●	●								●			
2577	HAUG CORP PROPERTY	BAL-DEN FAMILIES, Lake Union Investments LLC, NOAA Pacific Marine Center, Seaboard, United States Seafoods Inc	1801 1949 FAIRVIEW AVE E	281	CS	●	●	●											
49583363	HERTZ RENT A CAR SEATTLE	HERTZ CORP PIKE ST	722 PIKE ST	9453	NFA	●		●		11378									
15424	Hill 7		1821 BOREN AVE & 1013 STEWART ST	12359	NFA	●		●								●			
3975713	Honda of Seattle		1015 OLIVE WAY	7560	NFA	●		●		2733									



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95525112	Hugh Corbett Building	NATIONAL CAR RENTAL SYSTEM INC UST 6830, NATIONAL CAR RENTAL SYSTEM INC WESTLAKE, WESTLAKE TOWER	1942 WESTLAKE AVE	6928	NFA	●		●			6830			●	NW0421				
54847534	Hughes Irrevocable Inter Trust	BEVERLY MACKEY PROPERTY, HUGHES REVOCABLE INTERVIVOS TRUST, HUGHES TRUST BUILDING	1220 REPUBLICAN ST	6267	NFA	●		●			102478			●	NW1316				
16694	Inhabit Eastlake		1823 EASTLAKE AVE E	12962	CS	●	●	●						●	NW3018			VCNW3018	●
89321698	International Clinical Laboratory	Aquatic Resources, TOMLINSON INC UST 101462	1100 E UNION ST	10968	NFA	●		●			101462								
84512858	Interstate Brands Corp Hostess	CONTINENTAL BAKING, CONTINENTAL BAKING UST 4770, INTERSTATE BRANDS CORP AURORA AVE	434 AURORA AVE N	3525	NFA	●		●						●	NW1006				
2593	IRIS Holding LLC		500 5TH AVE N	758	CS	●	●	●			619694			●	NW1493			VCNW1493	●
85883854	IVAR S COMMISSARY	TERRY DRUM	500 TERRY AVE N	6774	CS	●	●	●	●					●	NW0364				
35788635	Ivey Imaging LLC Seattle	Bayless Book Bindery, IVEY IMAGING LLC SEATTLE, PHOTOBITION 9TH AVE	427 9TH AVE N	12533	CS	●	●	●						●	NW2936				
84772579	Japanese Auto Clinic		600 DENNY WAY	4408	NFA	●		●						●	NW2242			VCNW2242	●
2137	JARVIE PAINT MFG CO	PAMECO AIRE SEA	760 ALOHA ST	59	NFA	●		●				●							
65362336	JARVIE PAINT MFG CO INC		758 760 ALOHA ST	10043	NFA	●		●			8363								
31325769	Jiffy Lube Store 2077	MINIT LUBE 1113, Shell 2025 4th, Seattle	2025 4TH AVE	5853	NFA	●		●			6781			●	NW2072			VCNW2072	●
59168749	KENNEY PROPERTY	Frank Kenney Toyota Auto Repair and Sales, ROLLIN STREET FLATS	100 WESTLAKE AVE N 120 WESTLAKE	9831	CS	●	●	●			200258			●	NW2365			VCNW2365	●
4919889	KERNER SCOTT HOUSE		510 MINOR AVE N	1509	CS	●	●	●								●			
26674683	LAKE UNION AIR SERVICE INC SEATTLE	AGC BUILDING, LAKE UNION AIR PARCEL C, LAKE UNION PARCEL C PROPERTY, PARKING LOT, SEATTLE COMMONS, SEATTLE COMMONS PARCEL C	930 WESTLAKE AVE N	5790	NFA	●		●			11245								
2203	Lake Union Dry Dock Co <sup>2</sup>		1515 FAIRVIEW AVE E	1158	AC	●	●	●											
7165	LAKE UNION III LLC		410 TERRY N 415 BOREN N	11900	CS	●	●	●								●			
2250	LAKE UNION STEAM PLANT		1179 EASTLAKE AVE E	1947	AC	●	●	●								●			
77762577	Lake Union Terrace II	1800 EASTLAKE AVENUE EAST APARTMENTS	1800 EASTLAKE AVE E	6662	NFA	●		●			496393			●	NW0959				
91413494	Lenora Building		2101 9TH AVE, 2118 WESTLAKE AVENUE	1802	CS	●	●	●						●	NW0987 NW2980			NW2980	●
83475673	Lous Chevron	BROADWAY & PINE APTS, CHEVRON 93068,PROPOSED WALGREEN'S AND APARTMENT BUILDING	1531 BROADWAY	7133	NFA	●		●			5132			●	NW1582				
63399926	LOW INCOME HOUSING INSTITUTE		1811 EASTLAKE AVE	9963	NFA	●		●			601383								
2224749	Maaco Auto Painting Bodywork 9th Ave		739 9TH AVE N	12571	CS	●	●	●						●	NW2953				
93421953	MARINA MART COMPLEX		1500 WESTLAKE AVE N	11113	NFA	●		●											
13903	Marion Apartments		320 E PINE ST	12059	NFA	●		●								●			
9607339	Marlborough House		1220 BOREN AVE	5498	CS	●	●	●						●	NW1917 NW2762			VCNW2762	●

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2455	MARYATT INDUSTRIES	American Linen Supply	771 VALLEY ST	3167	AC	●	●	●											
51379913	Mastercraft Metal Finishing Inc		1175 HARRISON ST	3590	AC	●	●	●											
28619431	Medical Dental Bldg		509 OLIVE WAY, STE 1062	8592	NFA	●		●											
11412	Melrose & Pine Development		1527 1535 BELLEVUE AVE E, 1530 MELROSE AVE 301 E PINE ST	12301	NFA	●		●						●	NW2834			VCNW2834	●
2407	MELROSE APARTMENTS PROPERTY		1520 MELROSE AVE	3691	AC	●	●	●									●		
8984	Mercer Operating Base		520 5TH AVE N	7394	CS	●	●	●			7884								
21973	Modera Capitol Hill	Pit Lot Capitol Hill	1427 11TH AVE	12647	NFA	●		●	●					●	NW3015			VCNW3015	●
58429391	MUZAK BUILDING		915 YALE AVE N	9808	NFA			●			200403								
25678675	MYLES STANDISH		420 MERCER ST	8486	CS		●	●			10216								
4345275	NEPTUNE APARTMENTS proposed		900 DEXTER AVE N, 912 DEXTER AVE N & 760 ALOHA ST	3885	CS	●	●	●						●	NW1392 NW2540			VCNW2540	●
84878976	NETTLETON APTS		1000 8TH AVE	11934	CS			●			10691			●	NW2714	●		VCNW2714	●
77948398	NEUFFER CONSTRUCTION COMPANY		5TH & BLANCHARD	10503	NFA	●		●			200621								
53565712	NEW RICHMOND LAUNDRY		224 PONTIUS ST N	2118	CS		●	●	●		6943								
95766564	Officemporium Inc		1715 E OLIVE WAY	520	NFA	●		●						●	NW1512				
47192364	OLD BRITISH MOTORCAR		7TH & BELL	9356	NFA	●		●			200851								
39131231	OVERALL LAUNDRY SERVICES INC SEATTLE		200 222 YALE AVE N	1662	CS		●	●	●		2698								
91258865	PACIFIC PLACE	FREDERICK & NELSON BLDG FORMER, GARAGE SYSTEM GARAGE, PINE STREET DEVELOPMENT, SYSTEMS GARAGE	6TH & 7TH & OLIVE WAY & PINE	4376	NFA	●		●			12593			●					
20038	Panorama House Venture LLC	Panorama House Apartments	1100 UNIVERSITY ST	12839	NFA	●		●	●										
5025986	Paramount Theatre	SOUND TRANSIT PINE ST STUB TUNNEL	911 PINE ST	2110	AC	●	●	●	●										
2480537	PARK PROPERTY		2031 EASTLAKE AVE E	2479	CS	●	●	●	●					●	NW1597				
3288056	PARKER BLDG		1134 BROADWAY	453	NFA	●		●						●	NW1094				
16549191	Payette Industries		535 PONTIUS AVE N	4145	NFA	●		●						●	NW1627				
36533718	PCY CORP		601 6TH AVE N	8889	CS	●	●	●			459741								
68518755	Pemco Mutual Insurance Co	PEMCO Ethylene Glycol Spill, PEMCO FINANCIAL CENTER - Ethylene Glycol Spill, Pemco Insurance - UST Removal 2012, ,	325 EASTLAKE AVE E	10168	NFA			●			390						●		
27279158	PEMCO PROPERTY		221 YALE AVE	8536	CS		●	●	●		200586								
27281843	Peoples Car Repair	900 FAIRVIEW 070C47	900 FAIRVIEW N	8537	NFA			●			97408								
43455148	Phil Smart Inc	AVA Capitol Hill (600 E Pike), PHIL SMART MERCEDES/BMW	600 E PIKE ST	9178	CS	●	●	●						●	NW3064				
89162289	Pioneer Construction Materials Fairview	Chandlers Cove Ltd Partnership	901 FAIRVIEW AVE N	11940	NFA	●		●									●		
84235285	PLAID PANTRY NO 309		720 TAYLOR AVE N	6749	NFA	●		●			11388			●					
22365	Potala Tower Seattle	Dean Transmissions	2116 4TH AVE	12635	NFA	●		●									●		
26421294	PROPOSED SUMMIT APARTMENTS		16 1700 DEXTER N	8512	NFA			●			200255								
1833137	Qwest Corporation W00328	MINOR SOC 070328, US WEST COMMUNICATIONS W00328	900 MINOR AVE N RM 108	7449	NFA	●		●			10013								
82838425	Rainier Precision LLC	ZYMOGENETICS, INC	1150 EASTLAKE AVE E	1216	AC		●	●	●										
57922732	Ratelco Electronics Inc	RATELCO HEADQUARTERS	1260 MERCER ST	9793	NFA	●		●			200486								

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31397419	RECREATIONAL EQUIPMENT INC SEATTLE	REI, VALUE VILLAGE	1525 11TH AVE	3298	AC	●	●	●								●			
53527421	RED APPLE MARKET	DAVES APPLIANCE REPAIR	1400 E PINE ST	2117	NFA			●	●					●	NW0887			VCNW0887	●
21844229	RED CARPET CAR WASH		1164 DENNY WAY	3230	AC	●	●	●	●		5898								
5253876	Reid Apartments Former Site		2205 10TH AVE E	2717	NFA	●								●	NW1669			VCNW1669	●
92642343	REPUBLICAN ST SITE	Block 10 NE City Investors, Block 10 NE Former Supply Laundry	1265 REPUBLICAN ST	11073	CS		●	●						●	NW2536				
44269448	REPUBLICAN STREET PROPERTIES	REPUBLICAN ST SITE (NOT 1265 REPUBLICAN)	1206-1210 REPUBLICAN ST	1567	NFA	●		●						●					
54147485	REXLAND CO INC		2126 3RD AVE	9627	CS		●	●			431966								
7706588	RON & JERRYS ICE CREAM FORMER	FORMER BASKIN ROBBINS, TNT ESPRESSO, TWISS PROPERTY	324 BROADWAY E	500	AC	●	●	●	●										
2500	Rosen Property	H & A INVESTMENT PROPERTY, INTERURBAN EXCHANGE 2, TECH II, WA UW ROSEN BLDG	960 REPUBLICAN ST	5123	NFA	●		●						●	NW1936			VCNW1936	●
3644935	Rothrock Property		1051 SUMMIT AVE E	246	NFA	●		●						●	NW1676			VCNW1676	●
2466	RUTH ASHBROOK BAKERY	P & B Productions, Salvation Army Social Serv Warehouse	1416 10TH AVE	2985	NFA	●		●					●						
32368748	Seattle Auto Center	AIBS Building Block 43, AIBS Building LLC, AIBS BUILDING LLC BLK 43, Block 43, Block 43 South Lake Union, PACIFIC LINCOLN MERCURY NISSAN	601 WESTLAKE AVE N	12637	CS	●	●	●			620110			●	NW2973				
6661095	Seattle Cancer Care Alliance House		1216 JOHN ST	4847	CS	●	●	●			619615			●	NW2126				
6128362	Seattle Childrens Hospital Research Inst	1900 9TH AVE, CORIXA CORPORATION, CORIXA CORPORATION 9TH & STEWART	1900 9TH AVE	4020	NFA	●		●											
29938898	Seattle City Dept of Admin SV	SEATTLE CITY UST BOREN AVE, Seattle S Lake Union Park	1000 VALLEY ST 815 BOREN AVE N	8641	CS	●	●	●			200827								
21735	Seattle City DOT ROW 710 9th Ave N	Seattle DOT Mercer Corridor Project	710 9TH AVE N	12379	AC	●	●	●	●										
14237126	Seattle City Parks NW Seaport <sup>3</sup>		1002 VALLEY ST	596	CS	●	●	●											
45112163	SEATTLE CITY POWER CONTROL CENTER	SEATTLE CITY PCC	157 ROY ST	9263	NFA			●			8824								
5972599	Seattle City ROW behind 222 Westlake N		ALLEY 222 WESTLAKE & 219 TERRY AVES N	3736	AC	●	●	●	●										
95811428	Seattle City Roy Street Facility	ROY ST SHOPS 89	802 ROY ST	11216	CS	●	●	●											
2594	SEATTLE CITY SEATTLE CTR PROP	Supersonics Training Facility	601-615 MERCER ST	320	AC	●	●	●								●			
29946537	SEATTLE FIRE STATION 25		1300 E PINE ST	8643	CS	●	●	●			7910								
56642815	Seattle Hilton Hotel Parking Garage	AMPCO PARKING HILTON HOTEL GARAGE	1301 6TH AVE	436	CS	●	●	●						●	NW2491				
84466254	Seattle Motor Sports	Buca di Beppo, Buca di Beppo Ducati, Ducati	701 9TH AVE N	13006	AC	●	●	●	●										
2173	SEATTLE POST INTELLIGENCER		521 WALL ST	1815	NFA	●		●	●										
56583225	Seattle School Dist 1 Facilities Bldg		810 DEXTER AVE N	9747	CS	●	●	●			10333								
69141722	Seattle School Dist 1 Sch Support Svc	Old School Warehouse	1255 HARRISON ST	10188	NFA	●		●			10339								
4377754	Seattle Times		1120 JOHN ST	7573	NFA	●		●											
8396751	Seattle Times Parcel 1B	PARCEL 1B TAX#2468400025	100 FAIRVIEW AVE N	5458	CS	●	●	●			619134			●	NW1329				
95376999	Seattle Vagabond Inn	Seattle City Light Vagabond Inn, Seattle Pacific Hotel	325 AURORA AVE N	4739	CS	●	●	●	●					●	NW2133				

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99377872	Shell Oil Product US SAP 121433	Lakefront Investors 1 LLC, TEXACO STATION 632320400 UST 3320, TEXACO STATION 632321472, TEXACO STATION BOREN AVE	601 BOREN AVE N	11355	CS	●	●	●			3320								
10444294	Shell Station 120682	Broadway Shell, TEXACO STATION 632320267, TEXACO STATION BROADWAY	1500 BROADWAY	7868	CS	●	●	●											
56494947	Sheraton Seattle Hotel & Towers	7TH AND UNION	1400 6TH AVE	6302	NFA	●		●			4152			●	NW1545				
19519	Sixth & Lenora Apartments		2121 6TH AVE	11868	NFA	●		●								●			
11842931	Smith Gandy Bldg		1100 OLIVE WAY	7913	NFA	●		●			401709								
11720	South Lake Union 293 Parcel A	SLU 293 Parcel A	424 BOREN AVE N	11893	CS	●	●	●						●	NW2608			VCNW2608	●
92546394	STERLING REALTY ORGANIZATION CO	CHEVON SERVICE STATION 20-7626, SIGNAL SERVICE STATION S-41-28	2101-2111 5TH AVE	6867	CS		●	●			503123								
68676891	Stewart Court Apartments		1835 8TH AVE	6514	CS	●	●	●			582668			●	NW0738				
19034	Stream Belmont		500 BELMONT AVE E	12472	NFA	●		●								●			
8826590	Tax Parcel 069600-0025	Martin Apartments	2101 2105 & 2111 5TH AVE	4646	CS	●	●	●						●	NW1654 NW2560			VCNW2560	●
9475	Taylor and Denny New Building		101 TAYLOR AVE N	12171	CS	●	●	●						●	NW2763			VCNW2763	●
3245101	TERRY AVENUE APARTMENTS LLC		1823 TERRY AVE	7527	NFA	●		●			619386								
34769673	Terry Avenue Condos		1420 TERRY AVE	2259	CS	●	●	●						●	NW0908				
95359121	THOMAS PARK RIDGE APTS	SUMMIT TOWER APT	301 SUMMIT AVE E	4883	NFA	●		●						●					
83346748	TOMLINSON INC UST 101457	New Richmond Laundry UST F, West Bock 10 City Investors	414 420 PONTIUS AVE N & 1260 HARRISON	1903	CS		●	●	●		101457			●	NW2535				
46445373	TOSCO 25535330857	CONOCOPHILLIPS 30857, UNOCAL 5353, WESTLAKE/MERCER CLEANUP SITE	600 WESTLAKE N	6134	CS	●	●	●						●	NW1714			VCNW1714	●
1513190	Tower Records Former		500 MERCER	1451	NFA	●		●						●	NW1541				
22279988	TRITELL LLC PARKING LOT	Kinects Tower	1821-1823 MINOR AVE	3478	AC	●	●	●								●			
19135499	TROY LAUNDRY SEATTLE	SEATTLE TIMES, Seattle Times Co Fairview Ave	334 BOREN AVE N & 307 311 FAIRVIEW AVE N	11690	CS	●	●	●			7351					●	ERTS 625321	AODE8996	●
16345761	United Furniture Refinishers	RELOCATION SVC INC	219 TERRY AVE N	2607	CS	●	●	●						●	NW1631				
6716621	United Graphics Seattle	HARVARD MARKET	1401 BROADWAY	4499	CS	●	●	●						●	NW1872				
88917423	UNOCAL 5474	BROADWAY PLAZA	700 BROADWAY E	6820	CS	●	●	●			8457			●	NW1355			VCNW1355	●
72787378	US BANK	EASTLAKE REMODAL	1551 EASTLAKE AVE E	2207	NFA	●		●						●					
66614778	US BANK FRANKLIN AVE	US BANK UST 8901	1600 FRANKLIN AVE E	6494	NFA	●		●			8901			●					
3044926	USBank Capitol Hill Project		130 HARVARD AVE E	1769	NFA	●		●						●	NW1605				
2057376	VACANT Former KFC		1001 E PINE ST	7461	CS	●	●	●			619489								
4639999	Van DE Kamps Dutch Bakery		823 YALE AVE N	7588	NFA	●		●			200549								
17409	VIRGINIA MASON EAST CAMPUS ADDITION		SENECA ST & BOREN AVE	2000	NFA	●		●	●										
77746366	WA STATE CONVENTION & TRADE CENTER	ELLIOTT HOTEL	8TH & PINE	1842	CS	●	●	●	●					●	NW0407				
95373825	WA UW 815 Mercer	PSE MERCER OFFICE, PSE UW 815 MERCER - 1992 TANK REMOVAL, PSE UW 815 MERCER - 1998 TANK REMOVAL, PUGET SOUND ENERGY UST 9866, UW Medicine Phase 2, WASHINGTON NATURAL GAS MERCER ST OFFICE	850 REPUBLICAN ST & 815 MERCER	7150	NFA	●		●						●	NW1518 NW2567			VCNW1518	●
65657666	Washington Athletic Club	Washington Athletic Club Garage	1405 6TH AVE	10062	CS	●	●	●	●										

**Table 1  
South Lake Union Study Area  
Cleanup Sites**

Facility/ Site ID	Facility Name	Alternate Names	Address	Cleanup Site ID	Site Status	Ecology Database Listings			Ecology Facility/Site Database Information								EIM		
						Cleanup Site Search	TCP Web Reporting	What's in My Neighbor- hood	SCS	SCS ID	LUST ID	IRAP	IRAP ID	VCP	VCP ID	IC	IC ID	EIM Study ID	EIM Data
13703	Weiss Jenkins XIII Site		504 YALE AVE N	1341	NFA	●		●						●	NW2211			VCNW2211	●
800946	West 8th Building		718 VIRGINIA ST & 2001 8TH AVE	484	NFA	●		●						●	NW1965			VCNW1965	●
2436937	WESTERN VAN LINES INC	BMS Investments, Brooke Matty Smith (BMS), Brooke Real Estate Venture, DUCKY'S OFFICE FURNITURE, NASH Holland Denny Investors	964 970 DENNY WAY	7478	CS		●	●			5633			●	NW2989				
48378793	WESTLAKE BUILDING	1219 WESTLAKE AVENUE PROPERTY	1219 WESTLAKE AVE N	6161	CS	●	●	●			497857			●					
1393421	Westlake Chevrolet		2030 8TH AVE	12495	NFA	●		●						●	NW2928			VCNW2928	●
7129620	Westlake Properties	Westlake Steps Lot 1	1105 1111 1121 1207 1219 WESTLAKE AVE N	1357	CS	●	●	●	●	7129620	620212								
39249397	WESTLUND BLDG		1309 SUMMIT AVE	6019	NFA	●		●			7454			●					
25287143	WILLIAM ARNOLD	Texaco Pro Investments	150 MERCER ST / 600 WARREN AVE N	8463	CS	●	●	●			6996								
92673819	YALE ST PARKING GARAGE	PEMCO PARKING, PEMCO Parking Concrete Cutter, Yale Ave N Parking Garage, Yale Ave N Parking Garage - Concrete Cutter	300-320 YALE AVE N & 325 EASTLAKE AVE E	11077	CS	●	●	●			390							FS92673819	●
32299141	YALE STREET LANDING		1001 FAIRVIEW AVE N	8707	NFA			●			9836								
55267187	YEDOR PROPERTY		SW CORNER OLIVE WAY & BELLEVUE	9682	NFA	●		●			200118								
2495	YELLOW CAB	DIAMOND TANK TRANSPORT, DIAMOND TANK TRANSPORT, INC, PUGET SOUND YELLOW TAXI & TRANSPORT INC	912 DEXTER AVE N	5121	NFA	●		●			483056			●	NW0087				

<sup>1</sup> - An enforcement action (i.e., Penalty, Order, Notice) was finalized and issued to the responsible party (Ecology Program: Toxics Cleanup).

<sup>2</sup> - An enforcement action (i.e., Penalty, Order, Notice) was finalized and issued to the responsible party (Ecology Programs: Water Quality and Spills).

<sup>3</sup> - Location of interest at which sediment chemical and/or biological data has been obtained and evaluated for potential impacts to human health or the environment, and may or may not be linked to a known land-based facility (Ecology Program: Toxics Cleanup).

AC - Awaiting Cleanup  
 CS - Cleanup Started  
 EIM - Environmental Information Management  
 IC - Independent Cleanup  
 IRAP - Independent Remedial Action Program  
 LUST - Leaking Underground Storage Tank  
 NFA - No Further Action  
 SCS - State Cleanup Site  
 TCP - Toxics Cleanup Program  
 VCP - Voluntary Cleanup Program

**Table 2  
South Lake Union Study Area  
Soil and Groundwater Sample Analysis Summary**

Facility/ Site ID	Facility Name	Sample		Chlorinated VOCs			BTEX				Metals						PAH	PCB	Petroleum Hydrocarbons			
		Soil	GW	PCE	TCE	Vinyl Chloride	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Zinc	cPAH TEQ	Total PCB Aroclors	Diesel	Gasoline	Heavy Oil
3279158	1214 8TH AVE		◆				◆	◆	◆	◆									◆	◆	◆	
19323	202 Westlake Office Building	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆		◆	◆		■◆				■◆	■◆	■◆	
15119	400 Fairview LLC Seattle	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■	◆	◆	◆		◆	◆			■◆	■◆	■◆	
20345	525 Boren Building	■	◆	■◆	■◆	■◆	◆	◆	◆	◆	■	■	■		■	■			■◆	◆	■◆	
2908550	744 Harvard Ave	■																	■	■		
3573	American Linen Supply Co Dexter Ave	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■	■	■		■	■			■◆	■◆	■◆	
6153541	Aoki Property	■	◆	■◆	■◆	■◆	■	■	■	■									■	■	■◆	
215799	ARE Seattle No 15 LLC		◆				◆	◆	◆	◆	◆	◆	◆	◆	◆				◆	◆	◆	
14584	Art Stable Building	■		■	■	■	■	■	■	■							■		■	■	■	
99996998	ASCO Property	■																	■	■		
17031	Block 19 7th and Lenora	■		■	■	■	■	■	■	■	■	■	■		■	■		■	■	■	■	
15148	Block 26 W City Place II LLC	■		■	■	■	■	■	■	■	■	■	■		■	■	■		■	■	■	
33641566	BMW SEATTLE PIKE ST	■	◆	■◆	■◆	◆	■	■◆	■◆	■◆	◆	■◆	◆	◆	■◆	◆	◆		■◆	■◆	■◆	
609006	BRE Properties Inc	■					■	■	■	■									■	■	■	
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	■			■	■	■	■	■	■	■	■	■		■			■	■	■	■	
16746	City Place IV Block 34	■	◆	■◆	■	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■	■◆	■◆	■◆	
18615	Creases Dry Cleaner	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆									■◆	■	■◆	
19790	Cue Apartment Property	■		■	■	■	■	■	■	■		■	■	■	■	■			■	■	■	
66184117	ELEPHANT CAR WASH UST 4919	■					■	■	■	■					■				■	■	■	
22102	ENSO 2201 Westlake	■					■	■	■	■	■				■	■			■	■	■	
18780	Equinox Apartments	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆		■◆	■◆		■◆	◆	■◆	■◆	■◆
59162297	Fat City Inc Seattle (8th & Thomas)	■		■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	
21907	Fifth and Broad Property	■	◆	■			■◆	■◆	■◆	■									■◆	■◆	■◆	
7028351	FIRST CHOICE BUSINESS MACHINES	■																	■	■	■	
45618198	Foley Sign Co Inc	■	◆				■◆	■◆	■◆	■◆	◆	■◆	◆		◆	◆			■◆	■◆	■◆	
1996895	Freytmuller Enterprises Inc	■	◆				■◆	■◆	■◆	■◆										■◆		
89512719	Greyhound Lines Inc Seattle 780013	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆		■◆	■◆		■◆	■◆	■◆	■◆	
16694	Inhabit Eastlake	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆					■				■◆	■◆	■◆	
2593	IRIS Holding LLC	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆		■◆	■◆		■◆	■	■◆	■◆	■◆
84772579	Japanese Auto Clinic	■		■	■	■	■	■	■	■	■	■	■		■	■			■	■	■	
31325769	Jiffy Lube Store 2077	■	◆	■◆	◆	◆	■◆	■◆	■◆	■◆					■◆		◆	■◆	■◆	■◆	■◆	
59168749	KENNEY PROPERTY	■		■	■	■	■	■	■	■	■	■	■		■	■	■		■	■	■	
91413494	Lenora Building	■	◆				■◆	■◆	■◆	■◆							■		■◆	■◆	■◆	
9607339	Marlborough House	■	◆				■	■	■	■					■				■◆	■	■◆	
11412	Melrose & Pine Development	■	◆	■◆	■◆	■	■◆	■◆	■◆	■◆	■◆	■◆	■◆		■◆	■◆		■◆	■	◆	■◆	■◆
21973	Modera Capitol Hill	■	◆								■◆	■◆	■◆		■◆	■◆			■	■	■	
4345275	NEPTUNE APARTMENTS proposed		◆				◆	◆	◆	◆										◆	◆	◆
84878976	NETTLETON APTS	■					■	■	■	■					■					■		
53527421	RED APPLE MARKET		◆	◆	◆	◆																
5253876	Reid Apartments Former Site	■																	■			
2500	Rosen Property	■	◆	■	■◆	■	■◆	■◆	■◆	■◆	■	■	■		■◆	■		■	■	■◆	■◆	■◆
3644935	Rothrock Property	■																	■	■	■	
11720	South Lake Union 293 Parcel A	■	◆	■◆	■◆	■◆	■	■	■	■	■◆	■	■		■◆	■		■◆	■	■	■◆	
8826590	Tax Parcel 069600-0025	■					■	■	■	■									■	■	■	
9475	Taylor and Denny New Building	■		■			■	■	■	■									■	■	■	
46445373	TOSCO 25535330857	■	◆	■	■	■	■◆	■◆	■◆	■◆					■◆			■		■◆	■◆	■◆
19135499	TROY LAUNDRY SEATTLE	■	◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆	■◆		■◆	■◆		■◆	■◆	■◆	■◆	

**Table 2  
South Lake Union Study Area  
Soil and Groundwater Sample Analysis Summary**

Facility/ Site ID	Facility Name	Sample		Chlorinated VOCs			BTEX				Metals						PAH	PCB	Petroleum Hydrocarbons		
		Soil	GW	PCE	TCE	Vinyl Chloride	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Zinc	cPAH TEQ	Total PCB Aroclors	Diesel	Gasoline
88917423	UNOCAL 5474		◆	◆	◆	◆	◆	◆	◆											◆	
95373825	WA UW 815 Mercer	■		■	■	■	■	■	■	■	■	■	■	■	■		■		■	■	■
13703	Weiss Jenkins XIII Site	■					■	■	■	■									■	■	■
800946	West 8th Building	■					■	■	■	■	■	■		■	■				■	■	■
1393421	Westlake Chevrolet	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■
92673819	YALE ST PARKING GARAGE	■					■	■	■	■				■			■		■	■	■

cPAH TEQ - carcinogenic polycyclic aromatic hydrocarbon toxic equivalent concentration

GW - groundwater

PAH - polycyclic aromatic hydrocarbon

PCB - polychlorinated biphenyl

PCE - tetrachloroethene or tetrachloroethylene

TCE - trichloroethene or trichloroethylene

VOC - volatile organic compound

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>All Sites</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	564	0.00066	970	5.7	2,192	0.0006	8	0.034	564	2,192	2,756	20%	555	98%	20%	1,866	85%	68%
TCE	0.00027	148	0.00091	0.96	0.12	2,597	0.0006	12	0.038	148	2,597	2,745	5%	148	100%	5%	2,597	100%	95%
Vinyl Chloride	0.000055	7	0.0017	0.4	0.063	2,735	0	10	0.057	7	2,735	2,742	0.3%	7	100%	0.3%	2,733	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	437	0.0009	174	2.8	2,366	0.00002	10	0.054	437	2,366	2,803	16%	437	100%	16%	2,364	100%	84%
Toluene	0.055	319	0.0009	533	13	2,437	0.00005	12	0.090	319	2,437	2,756	12%	251	79%	9%	443	18%	16%
Ethylbenzene	0.015	515	0.001	440	13	2,235	0.00005	12	0.058	515	2,235	2,750	19%	481	93%	17%	1,893	85%	69%
Total Xylenes	0.83	533	0.0014	1,100	40	2,219	0.00005	130	0.26	533	2,219	2,752	19%	287	54%	10%	34	2%	1%
<i>Metals</i>																			
Arsenic	0.0041	310	0.72	48	5.9	364	0.6	18	5.7	310	364	674	46%	310	100%	46%	364	100%	54%
Cadmium	0.055	81	0.185	11.5	1.1	502	0.1	2.9	0.74	81	502	583	14%	81	100%	14%	502	100%	86%
Chromium	49,320	433	2	134	36	33	0.13	26	2.0	433	33	466	93%	0	--	--	0	--	--
Copper	0.069	40	1.4	130	18	0	--	--	--	40	0	40	100%	40	100%	100%	0	--	--
Lead	81	1180	1	11,600	78	233	0.72	68.5	4.2	1180	233	1,413	84%	156	13%	11%	0	--	--
Mercury	0.0013	164	0.02	4	0.13	342	0.02	1	0.27	164	342	506	32%	164	100%	32%	342	100%	68%
Zinc	5.0	43	1.6	1,100	70	2	1	1	1	43	2	45	96%	40	93%	96%	0	--	--
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	171	0.00588	25.204	0.37	488	0.00544	0.3775	0.026	171	488	659	26%	171	100%	26%	488	100%	74%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	2	0.3	0.88	0.59	66	0.00898	0.5	0.10	2	66	68	3%	2	100%	3%	66	100%	97%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	571	5.8	66,700	1,496	2,478	2	3,300	34	571	2,478	3,049	19%	76	13%	2%	1	0%	0%
Gasoline	30	761	0.345	16,000	754	2,266	0.102	1,300	9.6	761	2,266	3,027	25%	483	63%	16%	43	2%	1%
Heavy Oil	2,000	489	19	40,000	2,020	2,431	5	6,600	113	489	2,431	2,920	17%	71	15%	2%	1	0%	0%
<b>202 Westlake Office Building (EIM Study ID &amp; Name: VCNW2559 - 202 Westlake Office Building Site, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	1	0.035	0.035	0.035	1	0.025	0.025	0.025	1	1	2	50%	1	100%	50%	1	100%	50%
TCE	0.00027	0	--	--	--	2	0.03	0.03	0.03	0	2	2	--	0	--	--	2	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	2	0.05	0.05	0.05	0	2	2	--	0	--	--	2	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	55	0.02	0.8	0.038	0	55	55	--	0	--	--	55	100%	100%
Toluene	0.055	5	0.04	6.1	1.4	50	0.02	0.1	0.071	5	50	55	9%	4	80%	7%	31	62%	56%
Ethylbenzene	0.015	12	0.03	17	1.7	43	0.02	0.05	0.039	12	43	55	22%	12	100%	22%	43	100%	78%
Total Xylenes	0.83	12	0.09	82	8.1	43	0.06	0.15	0.11	12	43	55	22%	5	42%	9%	0	--	--
<i>Metals</i>																			
Lead	81	0	--	--	--	1	5	5	5	0	1	1	--	0	--	--	0	--	--
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	2	25	33,000	16,513	20	25	50	30	2	20	22	9%	1	50%	5%	0	--	--
Gasoline	30	13	3	2,730	328	42	2	20	7.0	13	42	55	24%	5	38%	9%	0	--	--
Heavy Oil	2,000	1	400	400	400	21	40	250	80	1	21	22	5%	0	--	--	0	--	--
<b>400 Fairview LLC Seattle (EIM Study ID &amp; Name: VCNW2679)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	2	0.0013	0.069	0.035	168	0.00067	0.0013	0.00095	2	168	170	1%	1	50%	1%	0	--	--
TCE	0.00027	53	0.00094	0.6	0.025	117	0.00067	0.0013	0.00096	53	117	170	31%	53	100%	31%	117	100%	69%
Vinyl Chloride	0.000055	0	--	--	--	166	0.00067	0.065	0.0013	0	166	166	--	0	--	--	166	100%	100%



**Table 3  
South Lake Union Study Area  
Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>400 Fairview LLC Seattle (EIM Study ID &amp; Name: VCNW2679)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	11	0.00079	0.02	0.017	0	11	11	--	0	--	--	11	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Toluene	0.055	0	--	--	--	11	0.0039	0.064	0.036	0	11	11	--	0	--	--	2	18%	18%
Ethylbenzene	0.015	1	0.44	0.44	0.44	10	0.00079	0.057	0.033	1	10	11	9%	1	100%	9%	8	80%	73%
Total Xylenes	0.83	1	0.79	0.79	0.79	10	0.0024	0.114	0.065	1	10	11	9%	0	--	--	0	--	--
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	1	180	180	180	10	27	30	28	1	10	11	9%	0	--	--	0	--	--
Gasoline	30	1	380	380	380	10	3.3	5.7	4.2	1	10	11	9%	1	100%	9%	0	--	--
Heavy Oil	2,000	1	64	64	64	10	55	59	56	1	10	11	9%	0	--	--	0	--	--
<b>525 Boren Building (EIM Study ID &amp; Name: VCNW2741 - 525 Boren Building, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	19	0.025	0.025	0.025	0	19	19	--	0	--	0%	19	100%	100%
TCE	0.00027	0	--	--	--	19	0.03	0.03	0.03	0	19	19	--	0	--	0%	19	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	19	0.05	0.05	0.05	0	19	19	--	0	--	0%	19	100%	100%
<i>Metals</i>																			
Arsenic	0.0041	4	1.57	3.23	2.0	1	1	1	1	4	1	5	80%	4	100%	80%	1	100%	20%
Cadmium	0.055	0	--	--	--	5	1	1	1	0	5	5	--	0	--	0%	5	100%	100%
Chromium	49,320	5	9.96	14.8	11	0	--	--	--	5	0	5	100%	0	0%	0%	0	--	0%
Lead	81	4	1	30	14	1	2	2	2	4	1	5	80%	0	0%	0%	0	0%	0%
Mercury	0.0013	0	--	--	--	5	0.1	0.1	0.1	0	5	5	--	0	--	0%	5	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	1	69	69	69	7	50	50	50	1	7	8	13%	0	0%	0%	0	0%	0%
Heavy Oil	2,000	0	--	--	--	8	250	250	250	0	8	8	--	0	--	0%	0	0%	0%
<b>744 Harvard Avenue (EIM Study ID &amp; Name: VCNW1940 - 744 Harvard Avenue VCP Site, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	6	980	8,700	3,745	19	50	50	50	6	19	25	24%	3	50%	12%	0	0%	0%
Gasoline	30	0	--	--	--	26	250	250	250	0	26	26	--	0	--	0%	26	100%	100%
<b>American Linen Supply Co Dexter Ave, Seattle, WA (EIM Study ID &amp; Name: VCNW2652 - American Linen Supply Co Dexter Ave, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	107	0.017	57	5.1	182	0.005	0.05	0.025	107	182	289	37%	107	100%	37%	182	100%	63%
<b>TCE</b>	<b>0.00027</b>	57	0.008	<b>0.96</b>	0.24	232	0.003	0.3	0.031	57	232	289	20%	57	100%	20%	232	100%	80%
Vinyl Chloride	0.000055	0	--	--	--	289	0.005	0.5	0.054	0	289	289	--	0	--	0%	289	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	2	0.053	0.059	0.056	52	0.02	0.03	0.029	2	52	54	4%	2	100%	4%	52	100%	96%
Toluene	0.055	2	0.078	0.41	0.24	52	0.02	0.05	0.048	2	52	54	4%	2	100%	4%	0	0%	0%
Ethylbenzene	0.015	2	0.29	1.2	0.75	52	0.02	0.05	0.048	2	52	54	4%	2	100%	4%	52	100%	96%
Total Xylenes	0.83	2	1	3.6	2.3	52	0.06	0.1	0.097	2	52	54	4%	2	100%	4%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	1	1.81	1.81	1.8	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%
Cadmium	0.055	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
Chromium	49,320	1	10.8	10.8	11	0	--	--	--	1	0	1	100%	0	0%	0%	0	--	0%
Lead	81	1	6.94	6.94	6.9	0	--	--	--	1	0	1	100%	0	0%	0%	0	--	0%
Mercury	0.0013	1	0.28	0.28	0.28	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>American Linen Supply Co Dexter Ave, Seattle, WA (EIM Study ID &amp; Name: VCNW2652 - American Linen Supply Co Dexter Ave, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	3	120	460	270	14	50	50	50	3	14	17	18%	0	0%	0%	0	0%	0%
Gasoline	30	2	73	260	167	21	2	2	2	2	21	23	9%	2	100%	9%	0	0%	0%
Heavy Oil	2,000	2	340	360	350	15	250	250	250	2	15	17	12%	0	0%	0%	0	0%	0%
<b>Aoki Property (EIM Study ID &amp; Name: VCNW1743 - Aoki Property, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	112	0.0011	970	16	10	0.00077	0.025	0.0058	112	10	122	92%	109	97%	89%	2	20%	2%
TCE	0.00027	10	0.00091	0.042	0.0097	112	0.00076	6	0.077	10	112	122	8%	10	100%	8%	112	100%	92%
Vinyl Chloride	0.000055	0	--	--	--	122	0.00076	10	0.15	0	122	122	--	0	--	0%	122	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	15	0.02	0.02	0.02	0	15	15	--	0	--	0%	15	100%	100%
Toluene	0.055	0	--	--	--	15	0.02	0.02	0.02	0	15	15	--	0	--	0%	0	0%	0%
Ethylbenzene	0.015	0	--	--	--	15	0.02	0.02	0.02	0	15	15	--	0	--	0%	15	100%	100%
Total Xylenes	0.83	0	--	--	--	15	0.06	0.06	0.06	0	15	15	--	0	--	0%	0	0%	0%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	0	--	--	--	5	50	50	50	0	5	5	--	0	--	0%	0	0%	0%
Gasoline	30	0	--	--	--	15	2	2	2	0	15	15	--	0	--	0%	0	0%	0%
Heavy Oil	2,000	0	--	--	--	5	250	250	250	0	5	5	--	0	--	0%	0	0%	0%
<b>Art Stable Building (EIM Study ID &amp; Name: VCNW2264 - Art Stable Building, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	1	0.025	0.025	0.025	0	1	1	--	0	--	0%	1	100%	100%
TCE	0.000266467	0	--	--	--	1	0.03	0.03	0.03	0	1	1	--	0	--	0%	1	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	1	0.05	0.05	0.05	0	1	1	--	0	--	0%	1	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	10	0.03	0.3	0.084	0	10	10	--	0	--	0%	10	100%	100%
Toluene	0.055	0	--	--	--	10	0.05	0.5	0.14	0	10	10	--	0	--	0%	2	20%	20%
Ethylbenzene	0.015	3	0.1	0.2	0.13	7	0.05	0.05	0.05	3	7	10	30%	3	100%	30%	7	100%	70%
Total Xylenes	0.83	0	--	--	--	9	0.2	0.2	0.2	0	9	9	--	0	--	0%	0	0%	0%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	1	0.0153	0.0153	0.015	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	5	90	3,500	807	4	25	25	25	5	4	9	56%	1	20%	11%	0	0%	0%
Gasoline	30	0	--	--	--	10	2	81	19	0	10	10	--	0	--	0%	3	30%	30%
Heavy Oil	2,000	5	170	3,200	1,346	4	50	50	50	5	4	9	56%	1	20%	11%	0	0%	0%
<b>ASCO Property (EIM Study ID &amp; Name: VCNW2137 - ASCO Property, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	9	160	4,600	1,549	37	25	67	44	9	37	46	20%	3	33%	7%	0	0%	0%
<b>Block 19 7th and Lenora (EIM Study ID &amp; Name: VCNW3011 - Block 19 7th and Lenora, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	10	0.0187	0.0236	0.022	0	10	10	--	0	--	0%	10	100%	100%
TCE	0.00027	0	--	--	--	10	0.0281	0.0354	0.033	0	10	10	--	0	--	0%	10	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	10	0.00187	0.00236	0.0022	0	10	10	--	0	--	0%	10	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	10	0.0187	0.0236	0.022	0	10	10	--	0	--	0%	10	100%	100%
Toluene	0.055	0	--	--	--	10	0.0187	0.0236	0.022	0	10	10	--	0	--	0%	0	0%	0%
Ethylbenzene	0.015	0	--	--	--	5	0.0281	0.0354	0.033	0	5	5	--	0	--	0%	5	100%	100%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Block 19 7th and Lenora (EIM Study ID &amp; Name: VCNW3011 - Block 19 7th and Lenora, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Total Xylenes	0.83	0	--	--	--	5	0.0187	0.0236	0.022	0	5	5	--	0	--	0%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	36	3.96	7.49	5.2	0	--	--	--	36	0	36	100%	36	100%	100%	0	--	0%
Cadmium	0.055	32	0.19	0.42	0.30	4	0.184	0.194	0.19	32	4	36	89%	32	100%	89%	4	100%	11%
Chromium	49,320	36	36.9	108	67	0	--	--	--	36	0	36	100%	0	0%	0%	0	--	0%
Lead	81	36	3.27	8.37	6.1	0	--	--	--	36	0	36	100%	0	0%	0%	0	--	0%
Mercury	0.0013	0	--	--	--	36	0.259	0.319	0.29	0	36	36	--	0	--	0%	36	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	1	0.13103	0.13103	0.13	17	0.04228	0.05361	0.047	1	17	18	6%	1	100%	6%	17	100%	94%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	0	--	--	--	4	0.106	0.112	0.11	0	4	4	--	0	--	0%	4	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	22	58.4	20,700	4,283	124	16.8	60.9	25	22	124	146	15%	8	36%	5%	0	0%	0%
Gasoline	30	0	--	--	--	50	4.64	511	30	0	50	50	--	0	--	0%	2	4%	4%
Heavy Oil	2,000	16	105	3,530	1,070	102	42.1	122	61	16	102	118	14%	4	25%	3%	0	0%	0%
<b>Block 26 W City Place II LLC (EIM Study ID &amp; Name: VCNW2259 - Block 26 - City Place II LLC, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	2	0.05	0.05	0.05	0	2	2	--	0	--	0%	2	100%	100%
TCE	0.00027	0	--	--	--	2	0.02	0.02	0.02	0	2	2	--	0	--	0%	2	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	2	0.05	0.05	0.05	0	2	2	--	0	--	0%	2	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	3	0.02	0.02	0.02	0	3	3	--	0	--	0%	3	100%	100%
Toluene	0.055	1	0.17	0.17	0.17	2	0.05	0.05	0.05	1	2	3	33%	1	100%	33%	0	0%	0%
Ethylbenzene	0.015	1	0.14	0.14	0.14	2	0.05	0.05	0.05	1	2	3	33%	1	100%	33%	2	100%	67%
Total Xylenes	0.83	1	0.077	0.077	0.077	2	0.05	0.05	0.05	1	2	3	33%	0	0%	0%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	2	3.1	22	13	3	2	2	2	2	3	5	40%	2	100%	40%	3	100%	60%
Cadmium	0.055	0	--	--	--	5	1	1	1	0	5	5	--	0	--	0%	5	100%	100%
Chromium	49,320	5	2	9	4.9	0	--	--	--	5	0	5	100%	0	0%	0%	0	--	0%
Copper	0.069	5	14	82	36	0	--	--	--	5	0	5	100%	5	100%	100%	0	--	0%
Lead	81	7	5	370	112	0	--	--	--	7	0	7	100%	2	29%	29%	0	--	0%
Mercury	0.0013	0	--	--	--	5	0.5	0.5	0.5	0	5	5	--	0	--	0%	5	100%	100%
Zinc	5.0	5	11	770	186	0	--	--	--	5	0	5	100%	5	100%	100%	0	--	0%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	1	0.7346	0.7346	0.73	7	0.0755	0.0755	0.076	1	7	8	13%	1	100%	13%	7	100%	88%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	2	25	1,400	713	9	20	20	20	2	9	11	18%	0	0%	0%	0	0%	0%
Gasoline	30	0	--	--	--	3	5	5	5	0	3	3	--	0	--	0%	0	0%	0%
Heavy Oil	2,000	0	--	--	--	11	50	50	50	0	11	11	--	0	--	0%	0	0%	0%
<b>BMW Seattle, Pike St (EIM Study ID &amp; Name: VCNW2618 - BMW Seattle, Pike St)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	2	0.05	0.05	0.05	0	2	2	--	0	--	0%	2	100%	100%
TCE	0.00027	0	--	--	--	2	0.02	0.02	0.02	0	2	2	--	0	--	0%	2	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	2	0.05	0.05	0.05	0	2	2	--	0	--	0%	2	100%	100%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>BMW Seattle, Pike St (EIM Study ID &amp; Name: VCNW2618 - BMW Seattle, Pike St)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	14	0.02	0.02	0.02	0	14	14	--	0	--	0%	14	100%	100%
Toluene	0.055	0	--	--	--	14	0.05	0.05	0.05	0	14	14	--	0	--	0%	0	0%	0%
Ethylbenzene	0.015	0	--	--	--	14	0.05	0.05	0.05	0	14	14	--	0	--	0%	14	100%	100%
Total Xylenes	0.83	0	--	--	--	14	0.05	0.05	0.05	0	14	14	--	0	--	0%	0	0%	0%
<i>Metals</i>																			
Cadmium	0.055	1	1.3	1.3	1.3	12	1	1	1	1	12	13	8%	1	100%	8%	12	100%	92%
Lead	81	9	1.6	130	28	3	1	1	1	9	3	12	75%	1	11%	8%	0	0%	0%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	11	110	1,300	507	48	20	20	20	11	48	59	19%	0	0%	0%	0	0%	0%
Gasoline	30	4	11	57	33	29	5	5	5	4	29	33	12%	2	50%	6%	0	0%	0%
Heavy Oil	2,000	2	430	740	585	57	50	50	50	2	57	59	3%	0	0%	0%	0	0%	0%
<b>BRE Properties Inc (EIM Study ID &amp; Name: VCNW1894 - Teamsters Union Property (BRE Properties Inc.) Underground Storage Tank Closure and Limited Excavation, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	24	0.0011	0.062	0.016	0	24	24	--	0	--	0%	24	100%	100%
Toluene	0.055	5	0.0013	0.0031	0.002	19	0.0012	0.084	0.053	5	19	24	21%	0	0%	0%	14	74%	58%
Ethylbenzene	0.015	2	0.082	0.082	0.082	22	0.0011	0.084	0.040	2	22	24	8%	2	100%	8%	13	59%	54%
Total Xylenes	0.83	2	0.65	1.13	0.89	22	0.0021	0.084	0.041	2	22	24	8%	1	50%	4%	0	0%	0%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	5	27	11,000	2,269	24	26	35	29	5	24	29	17%	1	20%	3%	0	0%	0%
Gasoline	30	0	--	--	--	6	6.2	32	15	0	6	6	--	0	--	0%	2	33%	33%
Heavy Oil	2,000	2	77	78	78	27	53	280	66	2	27	29	7%	0	0%	0%	0	0%	0%
<b>Budget Rent a Car of WA &amp; OR Westlake, Seattle, WA (EIM Study ID &amp; Name: VCNW3010 - Budget Rent a Car of WA &amp; OR Westlake, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	28	0.0154	0.178	0.027	0	28	28	--	0	--	0%	28	100%	100%
TCE	0.00027	0	--	--	--	28	0.0231	0.268	0.041	0	28	28	--	0	--	0%	28	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	28	0.00154	0.0178	0.0027	0	28	28	--	0	--	0%	28	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	11	0.0266	3.03	1.0	93	0.0154	0.178	0.024	11	93	104	11%	11	100%	11%	93	100%	89%
Toluene	0.055	4	0.0252	0.181	0.066	95	0.0154	0.178	0.024	4	95	99	4%	1	25%	1%	1	1%	1%
Ethylbenzene	0.015	13	0.0309	13.3	2.5	86	0.0231	0.0791	0.034	13	86	99	13%	13	100%	13%	86	100%	87%
Total Xylenes	0.83	16	0.0368	19.371	2.1	83	0.0154	0.0353	0.022	16	83	99	16%	4	25%	4%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	37	1.88	17	5.1	0	--	--	--	37	0	37	100%	37	100%	100%	0	--	0%
Cadmium	0.055	16	0.185	0.651	0.32	21	0.154	0.227	0.19	16	21	37	43%	16	100%	43%	21	100%	57%
Chromium	49,320	37	26.2	88	52	0	--	--	--	37	0	37	100%	0	0%	0%	0	--	0%
Lead	81	37	2.05	186	28	0	--	--	--	37	0	37	100%	4	11%	11%	0	--	0%
Mercury	0.0013	1	0.601	0.601	0.60	36	0.228	0.327	0.28	1	36	37	3%	1	100%	3%	36	100%	97%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	6	0.0934	0.31408	0.18	73	0.03835	0.05527	0.044	6	73	79	8%	6	100%	8%	73	100%	92%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	0	--	--	--	2	0.103	0.112	0.11	0	2	2	--	0	--	0%	2	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	12	33.8	669	229	58	17.9	51.4	23	12	58	70	17%	0	0%	0%	0	0%	0%
Gasoline	30	18	8.63	2,790	568	88	4.12	13.2	5.81	18	88	106	17%	14	78%	13%	0	0%	0%
Heavy Oil	2,000	15	61.9	16,100	1,495	42	44.8	62.7	55	15	42	57	26%	2	13%	4%	0	0%	0%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>City Place IV Block 34 (EIM Study ID &amp; Name: VCNW2194 - City Place IV Block 34, 331 Boren Ave N, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	14	0.05	0.05	0.05	0	14	14	--	0	--	0%	14	100%	100%
TCE	0.00027	0	--	--	--	14	0.02	0.02	0.02	0	14	14	--	0	--	0%	14	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	14	0.05	0.05	0.05	0	14	14	--	0	--	0%	14	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	17	0.02	0.02	0.02	0	17	17	--	0	--	0%	17	100%	100%
Toluene	0.055	2	0.097	0.17	0.13	15	0.05	0.05	0.05	2	15	17	12%	2	100%	12%	0	0%	0%
Ethylbenzene	0.015	2	0.097	11	5.5	15	0.05	0.05	0.05	2	15	17	12%	2	100%	12%	15	100%	88%
Total Xylenes	0.83	2	0.44	2.9	1.7	15	0.05	0.05	0.05	2	15	17	12%	1	50%	6%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	4	2.3	4	3.2	20	2	2	2	4	20	24	17%	4	100%	17%	20	100%	83%
Cadmium	0.055	0	--	--	--	24	1	1	1	0	24	24	--	0	--	0%	24	100%	100%
Chromium	49,320	15	2.3	43	13	9	2	2	2	15	9	24	63%	0	0%	0%	0	0%	0%
<b>Copper</b>	<b>0.069</b>	24	1.4	<b>130</b>	12	0	--	--	--	24	0	24	100%	24	100%	100%	0	--	0%
Lead	81	23	1.7	210	27	2	1	1	1	23	2	25	92%	1	4%	4%	0	0%	0%
Mercury	0.0013	0	--	--	--	24	0.5	0.5	0.5	0	24	24	--	0	--	0%	24	100%	100%
<b>Zinc</b>	<b>5.0</b>	29	1.6	<b>1,100</b>	56	0	--	--	--	29	0	29	100%	28	97%	97%	0	--	0%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	1	0.1063	0.1063	0.11	5	0.0755	0.0755	0.076	1	5	6	17%	1	100%	17%	5	100%	83%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	2	140	200	170	17	20	20	20	2	17	19	11%	0	0%	0%	0	0%	0%
Gasoline	30	2	960	1,400	1,180	17	5	5	5	2	17	19	11%	2	100%	11%	0	0%	0%
Heavy Oil	2,000	0	--	--	--	19	50	50	50	0	19	19	--	0	--	0%	0	0%	0%
<b>Creases Dry Cleaner (EIM Study ID &amp; Name: VCNW2915 - 1820 Terry Avenue - Creases Dry Cleaner/Williamsburg Apartments, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	11	0.0022	0.522	0.14	71	0.0011	0.06	0.020	11	71	82	13%	11	100%	13%	59	83%	72%
TCE	0.00027	6	0.0311	0.503	0.22	76	0.0011	0.06	0.019	6	76	82	7%	6	100%	7%	76	100%	93%
Vinyl Chloride	0.000055	3	0.0017	0.0183	0.0073	79	0.0011	0.06	0.0029	3	79	82	4%	3	100%	4%	79	100%	96%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	5	0.0018	0.032	0.0090	69	0.0011	0.06	0.019	5	69	74	7%	5	100%	7%	69	100%	93%
Toluene	0.055	1	0.135	0.135	0.135	73	0.0054	0.3	0.022	1	73	74	1%	1	100%	1%	1	1%	1%
Ethylbenzene	0.015	1	0.09	0.09	0.09	73	0.0011	0.06	0.026	1	73	74	1%	1	100%	1%	52	71%	70%
Total Xylenes	0.83	3	0.0794	1.164	0.45	71	0.0033	0.18	0.020	3	71	74	4%	1	33%	1%	0	--	--
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	6	19	812	333	38	4.7	28	21	6	38	44	14%	0	--	--	0	--	--
Gasoline	30	0	--	--	--	14	4.76	6.69	5.5	0	14	14	--	0	--	--	0	--	--
Heavy Oil	2,000	4	24	360	125	40	12	69.9	53	4	40	44	9%	0	--	--	0	--	--
<b>Cue Apartment Property (EIM Study ID &amp; Name: VCNW2937 - Cue Apartment Property)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	2	0.05	0.05	0.05	0	2	2	--	0	--	--	2	100%	100%
TCE	0.00027	0	--	--	--	2	0.02	0.02	0.02	0	2	2	--	0	--	--	2	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	2	0.05	0.05	0.05	0	2	2	--	0	--	--	2	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	23	0.02	0.02	0.02	0	23	23	--	0	--	--	23	100%	100%
Toluene	0.055	1	0.12	0.12	0.12	22	0.05	0.05	0.05	1	22	23	4%	1	100%	4%	0	--	--
Ethylbenzene	0.015	1	0.17	0.17	0.17	22	0.05	0.05	0.05	1	22	23	4%	1	100%	4%	22	100%	96%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Cue Apartment Property (EIM Study ID &amp; Name: VCNW2937 - Cue Apartment Property)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Total Xylenes	0.83	2	0.098	1	0.55	21	0.05	0.05	0.05	2	21	23	9%	1	50%	4%	0	--	--
<i>Metals</i>																			
Arsenic	0.0041	0	--	--	--	2	1	1	1	0	2	2	--	0	--	--	2	100%	100%
Cadmium	0.055	0	--	--	--	2	1	1	1	0	2	2	--	0	--	--	2	100%	100%
Chromium	49,320	2	2	19	11	0	--	--	--	2	0	2	100%	2	100%	100%	0	--	--
Copper	0.069	2	2.9	11	7.0	0	--	--	--	2	0	2	100%	0	--	--	0	--	--
Lead	81	19	1.3	1,200	171	6	1	1	1	19	6	25	76%	5	26%	20%	0	--	--
Mercury	0.0013	0	--	--	--	2	0.5	0.5	0.5	0	2	2	--	0	--	--	2	100%	100%
Zinc	5.0	2	2.6	11	6.8	0	--	--	--	2	0	2	100%	1	50%	50%	0	--	--
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	1	6,200	6,200	6,200	22	20	20	20	1	22	23	4%	1	100%	4%	0	--	--
Gasoline	30	1	32	32	32	22	5	5	5	1	22	23	4%	1	100%	4%	0	--	--
Heavy Oil	2,000	3	200	6,000	2,533	20	50	50	50	3	20	23	13%	1	33%	4%	0	--	--
Benzene	0.00056	14	0.026	0.16	0.058	18	0.02	0.02	0.02	14	18	32	44%	14	100%	44%	18	100%	56%
Toluene	0.055	8	0.045	0.8	0.17	24	0.02	0.15	0.096	8	24	32	25%	4	50%	13%	19	79%	59%
<b>ELEPHANT CAR WASH UST 4919 (EIM Study ID &amp; Name: VCNW2831 - Elephant Car Wash-616 Battery Street, Seattle, WA 98121)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Ethylbenzene	0.015	9	0.055	0.75	0.24	23	0.02	0.15	0.071	9	23	32	28%	9	100%	28%	23	100%	72%
Total Xylenes	0.83	8	0.089	1.4	0.48	24	0.06	0.45	0.21	8	24	32	25%	1	13%	3%	0	--	--
<i>Metals</i>																			
Lead	81	10	4.38	8.89	7.0	0	--	--	--	10	0	10	100%	0	--	--	0	--	--
<i>Petroleum Hydrocarbons</i>																			
Diesel	2000	2	72	180	126	11	50	50	50	2	11	13	15%	0	--	--	0	--	--
Gasoline	30	9	3.2	120	48	23	2	25	13	9	23	32	28%	7	78%	22%	0	--	--
Heavy Oil	2,000	0	--	--	--	13	250	250	250	0	13	13	--	0	--	--	0	--	--
<b>Enso Property 2201 Westlake (EIM Study ID &amp; Name: VCNW2310 - Enso Property 2201 Westlake Ave, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	10	0.02	0.02	0.02	0	10	10	--	0	--	--	10	100%	100%
Toluene	0.055	0	--	--	--	10	0.05	0.05	0.05	0	10	10	--	0	--	--	0	--	--
Ethylbenzene	0.015	0	--	--	--	10	0.05	0.05	0.05	0	10	10	--	0	--	--	10	100%	100%
Total Xylenes	0.83	0	--	--	--	10	0.05	0.05	0.05	0	10	10	--	0	--	--	0	--	--
<i>Metals</i>																			
Arsenic	0.0041	17	1.48	20	4.6	33	2	2	2	17	33	50	34%	17	100%	34%	33	100%	66%
Lead	81	46	1.2	210	30	0	--	--	--	46	0	46	100%	2	4%	4%	0	--	--
Mercury	0.0013	2	0.67	0.89	0.78	44	0.5	0.5	0.5	2	44	46	4%	0	--	--	44	100%	96%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	5	55	400	179	36	20	20	20	5	36	41	12%	0	--	--	0	--	--
Gasoline	30	0	--	--	--	10	5	5	5	0	10	10	--	0	--	--	0	--	--
Heavy Oil	2,000	0	--	--	--	41	50	50	50	0	41	41	--	5	--	12%	0	--	--
<b>Equinox Apartments (EIM Study ID &amp; Name: VCNW2342 - Equinox Condominiums VCP, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	11	0.00066	0.18	0.03	29	0.0006	0.035	0.0029	11	29	40	28%	7	64%	18%	2	7%	5%
TCE	0.00027	0	--	--	--	35	0.0006	0.035	0.0034	0	35	35	--	0	--	--	35	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	35	0.0006	0.035	0.0034	0	35	35	--	0	--	--	35	100%	100%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Equinox Apartments (EIM Study ID &amp; Name: VCNW2342 - Equinox Condominiums VCP, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	8	0.02	0.2	0.16	0	8	8	--	0	--	--	8	100%	100%
Toluene	0.055	0	--	--	--	8	0.031	0.078	0.041	0	8	8	--	0	--	--	1	13%	13%
Ethylbenzene	0.015	0	--	--	--	8	0.031	0.078	0.041	0	8	8	--	0	--	--	8	100%	100%
Total Xylenes	0.83	1	0.52	0.52	0.52	7	0.031	0.04	0.035	1	7	8	13%	0	--	--	0	--	--
<i>Metals</i>																			
Arsenic	0.0041	0	--	--	--	9	11	12	11	0	9	9	--	0	--	--	9	100%	100%
Cadmium	0.055	1	2.2	2.2	2.2	8	0.53	0.6	0.55	1	8	9	11%	1	100%	11%	8	100%	89%
Chromium	49,320	9	25	43	34	0	--	--	--	9	0	9	100%	0	--	--	0	--	--
Lead	81	2	6.1	250	128	7	5.3	6	5.5	2	7	9	22%	1	50%	11%	0	--	--
Mercury	0.0013	0	--	--	--	9	0.27	0.3	0.28	0	9	9	--	0	--	--	9	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	1	0.07755	0.07755	0.08	1	0.0302	0.0302	0.030	1	1	2	50%	1	100%	50%	1	100%	50%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	5	70	11,000	5,924	43	26	58	31	5	43	48	10%	3	60%	6%	0	--	--
Gasoline	30	1	310	310	310	12	3.1	23	11	1	12	13	8%	1	100%	8%	0	--	--
Heavy Oil	2,000	1	4,400	4,400	4,400	46	52	300	77	1	46	47	2%	1	100%	2%	0	--	--
<b>Fat City Inc Seattle (EIM Study ID &amp; Name: NW2976 - 8th &amp; Thomas JV LLC Property Redevelopment)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	14	0.0101	0.0409	0.023	0	14	14	--	0	--	--	14	100%	100%
TCE	0.00027	0	--	--	--	14	0.0151	0.0613	0.034	0	14	14	--	0	--	--	14	100%	100%
<i>Chlorinated Volatile Organic Compounds</i>																			
Vinyl Chloride	0.000055	0	--	--	--	14	0.00101	0.00409	0.0023	0	14	14	--	0	--	--	14	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	14	0.0101	0.0409	0.023	0	14	14	--	0	--	--	14	100%	100%
Toluene	0.055	0	--	--	--	14	0.0101	0.0409	0.023	0	14	14	--	0	--	--	0	--	--
Ethylbenzene	0.015	0	--	--	--	14	0.0151	0.0613	0.034	0	14	14	--	0	--	--	13	93%	93%
Total Xylenes	0.83	1	0.055	0.055	0.055	13	0.0101	0.0409	0.023	1	13	14	7%	0	--	--	0	--	--
<i>Metals</i>																			
Arsenic	0.0041	4	4.9	10.8	7.3	0	--	--	--	4	0	4	100%	4	100%	100%	0	--	--
Cadmium	0.055	1	0.281	0.281	0.28	3	0.16	0.2	0.18	1	3	4	25%	1	100%	25%	3	100%	75%
<b>Chromium</b>	<b>49,320</b>	4	18.5	<b>134</b>	65	0	--	--	--	4	0	4	100%	0	--	--	0	--	--
Copper	0.069	4	27.7	62	48	0	--	--	--	4	0	4	100%	4	100%	100%	0	--	--
Lead	81	4	3.3	8.47	6.9	0	--	--	--	4	0	4	100%	0	--	--	0	--	--
Mercury	0.0013	0	--	--	--	4	0.197	0.266	0.24	0	4	4	--	0	--	--	4	100%	100%
Zinc	5.0	4	74.4	122	96.4	0	--	--	--	4	0	4	100%	4	100%	100%	0	--	--
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	9	0.04658	0.17317	0.066	4	0.04027	0.04749	0.045	9	4	13	69%	9	100%	69%	4	100%	31%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
Total PCB Aroclors	0.0000022	0	--	--	--	3	0.00898	0.0949	0.066	0	3	3	--	0	--	--	3	100%	100%
<i>Petroleum Hydrocarbons</i>																			
<b>Diesel</b>	<b>2,000</b>	6	148	<b>66,700</b>	13,448	43	2.97	27.4	22	6	43	49	12%	2	33%	4%	0	--	--
Gasoline	30	0	--	--	--	9	4.1	9.56	6.6	0	9	9	--	0	--	--	0	--	--
Heavy Oil	2,000	0	--	--	--	48	6.42	75.5	54	0	48	48	--	0	--	--	0	--	--

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Fifth and Broad Property (EIM Study ID &amp; Name: VCNW2793 - 5th and Broad Property, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	1	0.00087	0.00087	0.00087	0	1	1	--	0	--	--	0	--	--
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	22	0.024	0.3	0.094	107	0.011	0.082	0.020	22	107	129	17%	22	100%	17%	107	100%	83%
Toluene	0.055	0	0.16	0.16	0.16	128	0.035	0.3	0.073	0	128	128	--	1	--	1%	103	80%	80%
Ethylbenzene	0.015	30	0.086	4	1.2	99	0.035	0.12	0.063	30	99	129	23%	30	100%	23%	99	100%	77%
Total Xylenes	0.83	17	0.063	4.7	1.2	112	0.035	3.7	0.32	17	112	129	13%	7	41%	5%	10	9%	8%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	0	--	--	--	22	26	360	67	0	22	22	--	0	--	--	0	--	--
Gasoline	30	46	7.2	1,900	385	83	0.61	11	6.1	46	83	129	36%	36	78%	28%	0	--	--
Heavy Oil	2,000	1	61	61	61	21	53	500	79	1	21	22	5%	0	--	--	0	--	--
<b>First Choice Business Machines (EIM Study ID &amp; Name: VCNW1906 - First Choice Business Machines UST, 1333 Stewart St, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	0	--	--	--	7	28	31	29	0	7	7	--	0	--	--	0	--	--
Gasoline	30	6	19	2,400	932	6	5.8	10	9.3	6	6	12	50%	5	83%	42%	0	--	--
Heavy Oil	2,000	0	--	--	--	7	57	61	59	0	7	7	--	0	--	--	0	--	--
<b>Foley Sign Co Inc (EIM Study ID &amp; Name: VCNW2381 - Foley Sign Co Inc (Packard Building), Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	3	0.02	0.02	0.02	0	3	3	--	0	--	--	3	100%	100%
Toluene	0.055	0	--	--	--	3	0.05	0.05	0.05	0	3	3	--	0	--	--	0	--	--
Ethylbenzene	0.015	0	--	--	--	3	0.05	0.05	0.05	0	3	3	--	0	--	--	3	100%	100%
Total Xylenes	0.831	1	0.41	0.41	0.41	2	0.05	0.05	0.05	1	2	3	33%	0	--	--	0	--	--
<i>Metals</i>																			
Cadmium	0.055	0	--	--	--	5	0.161	0.173	0.17	0	5	5	--	0	--	--	5	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	1	57.8	57.8	58	25	16.9	280	34	1	25	26	4%	0	--	--	0	--	--
Gasoline	30	0	--	--	--	7	5	20	11	0	7	7	--	0	--	--	0	--	--
Heavy Oil	2,000	6	173	9,070	2,398	18	45.3	100	58	6	18	24	25%	2	33%	8%	0	--	--
<b>Freytmuller Enterprises Inc (EIM Study ID &amp; Name: VCNW2662 - Dexter Station Independent Remedial Action (formerly Freymueller Enterprises), Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	10	0.034	1	0.20	54	0.02	0.02	0.02	10	54	64	16%	10	100%	16%	54	100%	84%
Toluene	0.055	6	0.024	0.63	0.14	58	0.02	0.02	0.02	6	58	64	9%	2	33%	3%	0	--	--
Ethylbenzene	0.015	7	0.042	4.3	0.71	57	0.02	0.02	0.02	7	57	64	11%	7	100%	11%	57	100%	89%
Total Xylenes	0.831	10	0.082	22	3	54	0.06	0.06	0.06	10	54	64	16%	2	20%	3%	0	--	--
<i>Petroleum Hydrocarbons</i>																			
Gasoline	30	6	2.6	510	99	58	2	2	2	6	58	64	9%	2	33%	3%	0	--	--
<b>Greyhound Lines Inc Seattle 780013 (EIM Name &amp; Study ID: VCNW2945 - Greyhound Denny Way Facility)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	16	0.0011	0.79	0.079	206	0.00062	8	0.11	16	206	222	7%	15	94%	7%	129	63%	58%
TCE	0.00027	10	0.00098	0.031	0.0077	212	0.00062	12	0.14	10	212	222	5%	10	100%	5%	212	100%	95%
Vinyl Chloride	0.000055	3	0.0023	0.011	0.0061	219	0.00062	8	0.14	3	219	222	1%	3	100%	1%	219	100%	99%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	36	0.0011	8.9	0.61	199	0.00062	8	0.10	36	199	235	15%	36	100%	15%	199	100%	85%
Toluene	0.055	22	0.0051	110	5.5	213	0.0031	12	0.18	22	213	235	9%	16	73%	7%	17	8%	7%
Ethylbenzene	0.015	37	0.001	49	2.9	198	0.00063	12	0.14	37	198	235	16%	22	59%	9%	107	54%	46%
Total Xylenes	0.83	48	0.0014	230	6.6	187	0.0013	12	0.14	48	187	235	20%	11	23%	5%	5	3%	2%



**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Greyhound Lines Inc Seattle 780013 (EIM Name &amp; Study ID: VCNW2945 - Greyhound Denny Way Facility)</b>																			
<i>Metals</i>																			
Arsenic	0.0041	1	19	19	19	28	11	13	11	1	28	29	3%	1	100%	3%	28	100%	97%
Cadmium	0.055	5	0.56	0.96	0.72	24	0.54	0.62	0.57	5	24	29	17%	5	100%	17%	24	100%	83%
Chromium	49,320	29	17	59	32	0	--	--	--	29	0	29	100%	0	0%	0%	0	--	0%
Lead	81	2	6.5	14	10	27	5.4	6.3	5.7	2	27	29	7%	0	0%	0%	0	0%	0%
Mercury	0.0013	0	--	--	--	29	0.27	0.31	0.29	0	29	29	--	0	--	0%	29	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	2	0.04615	0.05947	0.053	6	0.00566	0.00619	0.00596	2	6	8	25%	2	100%	25%	6	100%	75%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	0	--	--	--	4	0.055	0.061	0.058	0	4	4	--	0	--	0%	4	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	37	30	15,000	1,835	202	25	1,000	37	37	202	239	15%	7	19%	3%	0	0%	0%
Gasoline	30	38	5.1	12,800	1,065	189	2	500	10	38	189	227	17%	23	61%	10%	1	1%	0%
Heavy Oil	2,000	60	40	38,000	4,721	179	40	250	54	60	179	239	25%	24	40%	10%	0	0%	0%
<b>Inhabit Eastlake (EIM Study ID &amp; Name: VCNW3018 - Inhabit Eastlake, 1823 Eastlake Avenue East, WA 98102)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	4	0.025	0.025	0.025	0	4	4	--	0	--	0%	4	100%	100%
TCE	0.00027	0	--	--	--	4	0.03	0.03	0.03	0	4	4	--	0	--	0%	4	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	4	0.05	0.05	0.05	0	4	4	--	0	--	0%	4	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	45	0.02	0.2	0.033	0	45	45	--	0	--	0%	45	100%	100%
Toluene	0.055	0	--	--	--	45	0.02	0.2	0.044	0	45	45	--	0	--	0%	8	18%	18%
Ethylbenzene	0.015	11	0.023	33	5.8	34	0.02	0.05	0.024	11	34	45	24%	11	100%	24%	34	100%	76%
Total Xylenes	0.83	10	0.11	62	12	35	0.06	0.1	0.065	10	35	45	22%	9	90%	20%	0	0%	0%
<i>Metals</i>																			
Lead	81	4	1.71	91.5	26	0	--	--	--	4	0	4	100%	1	25%	25%	0	--	0%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	1	15,000	15,000	15,000	10	50	50	50	1	10	11	9%	1	100%	9%	0	0%	0%
Gasoline	30	12	2.8	3,200	734	33	2	20	4	12	33	45	27%	9	75%	20%	0	0%	0%
Heavy Oil	2,000	0	--	--	--	11	250	250	250	0	11	11	--	0	--	0%	0	0%	0%
<b>IRIS Holding LLC (EIM Study ID &amp; Name: VCNW1493 - IRIS 500 - 5TH Avenue Redevelopment Project, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	1	0.01	0.01	0.01	109	0.01	0.01	0.01	1	109	110	1%	1	100%	1%	109	100%	99%
TCE	0.00027	0	--	--	--	110	0.01	0.01	0.01	0	110	110	--	0	--	--	110	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	110	0.01	0.01	0.01	0	110	110	--	0	--	--	110	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	14	0.04	110	9.6	208	0.005	1.5	0.029	14	208	222	6%	14	100%	6%	208	100%	94%
Toluene	0.055	12	0.01	430	40	209	0.01	2.5	0.050	12	209	221	5%	11	92%	5%	12	6%	5%
Ethylbenzene	0.015	21	0.053	160	13	202	0.01	2.5	0.050	21	202	223	9%	21	100%	9%	102	50%	46%
Total Xylenes	0.83	18	0.02	870	58	203	0.01	10	0.17	18	203	221	8%	11	61%	5%	2	1%	1%
<i>Metals</i>																			
<b>Arsenic</b>	<b>0.0041</b>	98	0.72	<b>48</b>	7.1	241	0.6	18	5	98	241	339	29%	98	100%	29%	241	100%	71%
Cadmium	0.055	9	0.44	11	2.7	222	0.1	2.9	0.46	9	222	231	4%	9	100%	4%	222	100%	96%
Chromium	49,320	200	5.7	110	38	21	0.13	26	2	200	21	221	90%	0	--	--	0	--	--
Lead	81	223	1.9	3,900	116	161	0.72	11	2	223	161	384	58%	37	17%	10%	0	--	--
Mercury	0.0013	149	0.02	1.3	0.078	66	0.02	0.02	0.02	149	66	215	69%	149	100%	69%	66	100%	31%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>IRIS Holding LLC (EIM Study ID &amp; Name: VCNW1493 - IRIS 500 - 5TH Avenue Redevelopment Project, Seattle, WA)</b>																			
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	92	0.0152	1.0035	0.14	252	0.0151	0.18266	0.018	92	252	344	27%	92	100%	27%	252	100%	73%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	1	0.3	0.3	0.3	41	0.1	0.1	0.1	1	41	42	2%	1	100%	2%	41	100%	98%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	44	28	30,000	1,023	448	2	120	28	44	448	492	9%	1	2%	0%	0	--	--
Gasoline	30	38	4	13,000	1,025	292	2	200	8	38	292	330	12%	23	61%	7%	1	0%	0%
Heavy Oil	2,000	81	40	36,000	1,181	407	5	100	57	81	407	488	17%	4	5%	1%	0	--	--
<b>Japanese Auto Clinic (EIM Study ID &amp; Name: VCNW2242 - Japanese Auto Clinic, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	3	0.00078	0.085	0.043	0	3	3	--	0	--	--	2	67%	67%
TCE	0.00027	0	--	--	--	3	0.00078	0.085	0.043	0	3	3	--	0	--	--	3	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	3	0.00078	0.085	0.043	0	3	3	--	0	--	--	3	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	12	0.05	1.6	0.35	59	0.00078	1	0.084	12	59	71	17%	12	100%	17%	59	100%	83%
Toluene	0.055	37	0.02	49	3.2	34	0.00078	0.2	0.033	37	34	71	52%	34	92%	48%	3	9%	4%
Ethylbenzene	0.015	23	0.0024	29	2.5	48	0.02	0.2	0.054	23	48	71	32%	22	96%	31%	48	100%	68%
Total Xylenes	0.83	36	0.026	360	19	35	0.06	0.6	0.11	36	35	71	51%	27	75%	38%	0	--	--
<i>Metals</i>																			
Arsenic	0.0041	0	--	--	--	3	11	11	11	0	3	3	--	0	--	--	3	100%	100%
Cadmium	0.055	0	--	--	--	3	0.27	0.57	0.47	0	3	3	--	0	--	--	3	100%	100%
Chromium	49,320	3	15	27	20	0	--	--	--	3	0	3	100%	0	--	--	0	--	--
Lead	81	2	5.8	5.9	5.9	1	5.6	5.6	5.6	2	1	3	67%	0	--	--	0	--	--
Mercury	0.0013	0	--	--	--	3	0.28	0.29	0.29	0	3	3	--	0	--	--	3	100%	100%
<i>Polychlorinated Biphenyls</i>																			
<b>Total PCB Aroclors</b>	<b>0.0000022</b>	<b>1</b>	<b>0.88</b>	<b>0.88</b>	<b>0.88</b>	<b>2</b>	<b>0.056</b>	<b>0.057</b>	<b>0.057</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>33%</b>	<b>1</b>	<b>100%</b>	<b>33%</b>	<b>2</b>	<b>100%</b>	<b>67%</b>
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	29	66	20,000	3,183	38	50	50	50	29	38	67	43%	10	34%	15%	0	--	--
Gasoline	30	36	4	4,100	622	32	2	2	2	36	32	68	53%	27	75%	40%	0	--	--
<i>Petroleum Hydrocarbons</i>																			
Heavy Oil	2,000	4	450	14,000	4,213	63	250	250	250	4	63	67	6%	1	25%	1%	0	--	--
<b>Jiffy Lube Store 2077 (EIM Study ID &amp; Name: VCNW2072 - Jiffy Lube Store 2077, 2025 4th Ave, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	6	0.008	0.02	0.015	0	6	6	--	0	--	--	6	100%	100%
Toluene	0.055	0	--	--	--	6	0.04	0.09	0.07	0	6	6	--	0	--	--	5	83%	83%
Ethylbenzene	0.015	0	--	--	--	6	0.04	0.09	0.07	0	6	6	--	0	--	--	6	100%	100%
Total Xylenes	0.83	0	--	--	--	6	0.11	0.28	0.21	0	6	6	--	0	--	--	0	--	--
<i>Metals</i>																			
Lead	81	6	1.64	3.23	2.3	0	--	--	--	6	0	6	100%	0	--	--	0	--	--
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	0	--	--	--	6	0.0617	0.0644	0.063	0	6	6	--	0	--	--	6	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	0	--	--	--	6	12.4	12.8	13	0	6	6	--	0	--	--	0	--	--
Gasoline	30	0	--	--	--	6	3.72	5.58	4.4	0	6	6	--	0	--	--	0	--	--
Heavy Oil	2,000	0	--	--	--	6	30.9	32	31	0	6	6	--	0	--	--	0	--	--

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Kenney Property (EIM Study ID &amp; Name: VCNW232365 - Rollin Street Flats Property (Kenney Property) Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	13	0.05	0.05	0.05	0	13	13	--	0	--	0%	13	100%	100%
TCE	0.00027	0	--	--	--	13	0.02	0.02	0.02	0	13	13	--	0	--	0%	13	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	13	0.05	0.05	0.05	0	13	13	--	0	--	0%	13	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	37	0.02	0.02	0.02	0	37	37	--	0	--	0%	37	100%	100%
Toluene	0.055	2	0.09	18	9.0	35	0.05	0.05	0.05	2	35	37	5%	2	100%	5%	0	0%	0%
Ethylbenzene	0.015	3	0.22	21	7.5	34	0.05	0.05	0.05	3	34	37	8%	3	100%	8%	34	100%	92%
Total Xylenes	0.83	6	0.059	150	29	31	0.05	0.05	0.05	6	31	37	16%	5	83%	14%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	0	--	--	--	3	2	2	2	0	3	3	--	0	--	0%	3	100%	100%
Cadmium	0.055	0	--	--	--	3	1	1	1	0	3	3	--	0	--	0%	3	100%	100%
Chromium	49,320	1	4.2	4.2	4.2	2	2	2	2	1	2	3	33%	0	0%	0%	0	0%	0%
Copper	0.069	3	8.8	16	12	0	--	--	--	3	0	3	100%	3	100%	100%	0	--	0%
Lead	81	3	46	150	102	0	--	--	--	3	0	3	100%	2	67%	67%	0	--	0%
Mercury	0.0013	0	--	--	--	3	0.5	0.5	0.5	0	3	3	--	0	--	0%	3	100%	100%
Zinc	5.0	1	2.4	2.4	2.4	2	1	1	1	1	2	3	33%	0	0%	0%	0	0%	0%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	1	35	35	35	33	20	20	20	1	33	34	3%	0	0%	0%	0	0%	0%
Gasoline	30	5	75	4,600	1,304	29	5	5	5	5	29	34	15%	5	100%	15%	0	0%	0%
Heavy Oil	2,000	7	250	24,000	6,693	27	50	50	50	7	27	34	21%	3	43%	9%	0	0%	0%
<b>Lenora Building (EIM Study ID &amp; Name: NW2980 - Lenora Building)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	2	0.05	0.16	0.11	11	0.02	0.02	0.02	2	11	13	15%	2	100%	15%	11	100%	85%
Toluene	0.055	1	3.3	3.3	3.3	12	0.06	0.081	0.070	1	12	13	8%	1	100%	8%	12	100%	92%
Ethylbenzene	0.015	3	0.11	3.2	1.3	10	0.06	0.079	0.068	3	10	13	23%	3	100%	23%	10	100%	77%
Total Xylenes	0.83	3	0.36	18.5	6.5	10	0.06	0.079	0.068	3	10	13	23%	1	33%	8%	0	0%	0%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	8	0.04577	0.09053	0.070	23	0.03899	0.05054	0.044	8	23	31	26%	8	100%	26%	23	100%	74%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	7	56	4,300	1,999	37	26	33	30	7	37	44	16%	4	57%	9%	0	0%	0%
Gasoline	30	3	41	770	289	10	6	7.9	6.8	3	10	13	23%	3	100%	23%	0	0%	0%
Heavy Oil	2,000	9	61	40,000	13,535	35	53	67	61	9	35	44	20%	4	44%	9%	0	0%	0%
<b>Marlborough House (EIM Study ID &amp; Name: VCNW 2762 - Marlborough House, 1220 Boren Avenue, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	8	0.0137	0.0186	0.016	0	8	8	--	0	--	0%	8	100%	100%
Toluene	0.055	0	--	--	--	8	0.0137	0.0186	0.016	0	8	8	--	0	--	0%	0	0%	0%
Ethylbenzene	0.015	0	--	--	--	8	0.0206	0.0279	0.024	0	8	8	--	0	--	0%	8	100%	100%
Total Xylenes	0.83	0	--	--	--	8	0.0137	0.0186	0.016	0	8	8	--	0	--	0%	0	0%	0%
<i>Metals</i>																			
Lead	81	8	1.69	2.99	2.1	0	--	--	--	8	0	8	100%	0	0%	0%	0	--	0%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	2	8,380	13,100	10,740	3	19.2	20.7	20	2	3	5	40%	2	100%	40%	0	0%	0%
Gasoline	30	0	--	--	--	8	3.43	4.64	4.0	0	8	8	--	0	--	0%	0	0%	0%
Heavy Oil	2,000	2	5,180	9,400	7,290	3	48.1	51.7	50	2	3	5	40%	2	100%	40%	0	0%	0%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Melrose &amp; Pine Development (EIM Study ID &amp; Name: VCNW2834 - Melrose and Pine Development)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	1	0.003	0.003	0.46	36	0.00086	0.065	0.0075	1	36	37	3%	1	100%	3%	8	22%	22%
TCE	0.00027	1	0.0045	0.0045	1,288	36	0.00086	0.065	0.0085	1	36	37	3%	1	100%	3%	36	100%	97%
Vinyl Chloride	0.000055	0	--	--	--	37	0.00088	0.065	0.013	0	37	37	--	0	--	0%	37	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	62	0.00086	0.065	0.015	0	62	62	--	0	--	0%	62	100%	100%
Toluene	0.055	1	0.46	0.46	7.0	61	0.0043	0.1	0.045	1	61	62	2%	1	100%	2%	22	36%	35%
Ethylbenzene	0.015	4	0.25	8.1	3.03	58	0.00086	0.069	0.030	4	58	62	6%	4	100%	6%	37	64%	60%
Total Xylenes	0.83	4	0.31	16.5	0.0045	58	0.0017	0.15	0.058	4	58	62	6%	3	75%	5%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	4	2.35	40	16	14	11	12	12	4	14	18	22%	4	100%	22%	14	100%	78%
Cadmium	0.055	0	--	--	--	11	0.54	0.61	0.58	0	11	11	--	0	--	0%	11	100%	100%
Chromium	49,320	11	38	67	50	0	--	--	--	11	0	11	100%	0	0%	0%	0	--	0%
Lead	81	2	3	17	10	14	5.4	6.2	5.8	2	14	16	13%	0	0%	0%	0	0%	0%
Mercury	0.0013	0	--	--	0.003	11	0.27	0.3	0.29	0	11	11	--	0	--	0%	11	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	4	0.00588	0.07508	0.037	15	0.00544	0.00755	0.0064	4	15	19	21%	4	100%	21%	15	100%	79%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	0	--	--	--	1	0.057	0.057	0.057	0	1	1	--	0	--	0%	1	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	6	61	12,000	4,188	89	25	140	43	6	89	95	6%	3	50%	3%	0	0%	0%
Gasoline	30	8	3.8	10,000	2,881	54	2	25	11	8	54	62	13%	5	63%	8%	0	0%	0%
Heavy Oil	2,000	7	72	7,800	2,772	88	40	250	101	7	88	95	7%	3	43%	3%	0	0%	0%
<b>Modera Capitol Hill - (EIM Study ID &amp; Name: VCNW3015 - Pit Lot Capitol Hill (Modera Capitol Hill), Seattle, WA)</b>																			
<i>Metals</i>																			
Arsenic	0.0041	42	1.54	17.2	6.7	1	1	1	1	42	1	43	98%	42	100%	98%	1	100%	2%
<b>Cadmium</b>	<b>0.055</b>	10	1.03	<b>11.5</b>	3.1	82	1	1	1	10	82	92	11%	10	100%	11%	82	100%	89%
Chromium	49,320	30	8.43	18.9	14	0	--	--	--	30	0	30	100%	0	0%	0%	0	--	0%
Lead	81	99	1.26	2,270	115	0	--	--	--	99	0	99	100%	20	20%	20%	0	--	0%
Mercury	0.0013	3	0.11	0.55	0.28	27	0.1	0.1	0.1	3	27	30	10%	3	100%	10%	27	100%	90%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	0	--	--	--	10	50	50	50	0	10	10	--	0	--	0%	0	0%	0%
Gasoline	30	0	--	--	--	6	2	2	2	0	6	6	--	0	--	0%	0	0%	0%
Heavy Oil	2,000	0	--	--	--	10	250	250	250	0	10	10	--	0	--	0%	0	0%	0%
<b>Nettleton Apts (EIM Study ID &amp; Name: VCNW2714 - Nettleton Apartments, 1000 8th Ave, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	11	0.02	0.03	0.021	0	11	11	--	0	--	0%	11	100%	100%
Toluene	0.055	2	0.024	2.8	1.4	9	0.02	0.02	0.02	2	9	11	18%	1	50%	9%	0	0%	0%
Ethylbenzene	0.015	0	--	--	--	11	0.02	1	0.11	0	11	11	--	0	--	0%	11	100%	100%
Total Xylenes	0.83	1	4.6	4.6	4.6	10	0.06	0.06	0.06	1	10	11	9%	1	100%	9%	0	0%	0%
<i>Metals</i>																			
Lead	81	1	2.93	2.93	2.9	0	--	--	--	1	0	1	100%	0	0%	0%	0	--	0%
<i>Petroleum Hydrocarbons</i>																			
Gasoline	30	1	370	370	370	10	2	2	2	1	10	11	9%	1	100%	9%	0	0%	0%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Reid Apartments Former Site (EIM Study ID &amp; Name: VCNW1669 - Reid Apartments Former Site, Heating Oil Contaminated Soil Investigation, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	8	44	9,100	1,780	0	--	--	--	8	0	8	100%	1	13%	13%	0	--	0%
<b>Rothrock Property (EIM Study ID &amp; Name: VCNW1676 - Rothrock Residential Property, Post-UST-Removal Soil Confirmation Samples, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	2	38	4,700	2,369	4	28	30	29	2	4	6	33%	1	50%	17%	0	0%	0%
Heavy Oil	2,000	0	--	--	--	6	55	60	57	0	6	6	--	0	--	0%	0	0%	0%
<b>Rosen Property (EIM Study ID &amp; Name: VCNW1936 - Interurban Exchange 2 (Rosen Property), Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	2	0.02	0.02	0.02	0	2	2	--	0	--	0%	2	100%	100%
TCE	0.00027	13	0.15	19	5.4	2	0.03	0.03	0.03	13	2	15	87%	0	0%	0%	2	100%	13%
Vinyl Chloride	0.000055	0	--	--	--	2	0	0	0	0	2	2	--	0	--	0%	0	0%	0%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	5	0.05	0.11	0.08	39	0.02	0.02	0.02	5	39	44	11%	5	100%	11%	39	100%	89%
Toluene	0.055	0	--	--	--	36	0.02	0.05	0.048	0	36	36	--	8	--	22%	0	0%	0%
Ethylbenzene	0.015	13	0.08	5.4	2.1	31	0.03	0.05	0.049	13	31	44	30%	13	100%	30%	31	100%	70%
Total Xylenes	0.83	0	--	--	--	31	0.03	0.15	0.14	0	31	31	--	8	--	26%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	5	2.2	13	4.4	3	2	2	2	5	3	8	63%	5	100%	63%	3	100%	38%
Cadmium	0.055	1	2.4	2.4	2.4	35	2	2	2	1	35	36	3%	1	100%	3%	35	100%	97%
Chromium	49,320	8	27	130	48	1	5	5	5	8	1	9	89%	0	0%	0%	0	0%	0%
Lead	81	35	7.6	1,900	180	4	4	4	4	35	4	39	90%	10	29%	26%	0	0%	0%
<b>Mercury</b>	<b>0.0013</b>	1	4	4	4	8	1	1	1	1	8	9	11%	1	100%	11%	8	100%	89%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
<b>cPAH TEQ (ND*0.5)</b>	<b>0.000016</b>	18	0.017	<b>25</b>	2.3	20	0.0076	0.0076	0.0076	18	20	38	47%	18	100%	47%	20	100%	53%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	8	0.11	2.4	1.5	2	0.5	0.5	0.5	8	2	10	80%	0	0%	0%	2	100%	20%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	1	730	730	730	42	20	20	20	1	42	43	2%	0	0%	0%	0	0%	0%
Gasoline	30	57	10	1,100	77	35	10	10	10	57	35	92	62%	14	25%	15%	0	0%	0%
Heavy Oil	2,000	4	310	430	353	39	50	50	50	4	39	43	9%	0	0%	0%	0	0%	0%
<b>South Lake Union 293 Parcel A (EIM Study ID &amp; Name: VCNW2608 - South Lake Union 293 Parcel A, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	6	0.025	0.025	0.025	0	6	6	--	0	--	0%	6	100%	100%
TCE	0.00027	0	--	--	--	6	0.03	0.03	0.03	0	6	6	--	0	--	0%	6	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	6	0.05	0.05	0.05	0	6	6	--	0	--	0%	6	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	21	0.02	0.03	0.020	0	21	21	--	0	--	0%	21	100%	100%
Toluene	0.055	1	0.073	0.073	0.073	20	0.02	0.02	0.02	1	20	21	5%	1	100%	5%	0	0%	0%
Ethylbenzene	0.015	1	2.2	2.2	2.2	20	0.02	0.02	0.02	1	20	21	5%	1	100%	5%	20	100%	95%
Total Xylenes	0.83	2	0.13	30	15	19	0.06	0.06	0.06	2	19	21	10%	1	50%	5%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	35	1.22	12.8	3.6	1	1	1	1	35	1	36	97%	35	100%	97%	1	100%	3%
Cadmium	0.055	0	--	--	--	15	1	1	1	0	15	15	--	0	--	0%	15	100%	100%
Chromium	49,320	15	7.45	20.1	13	0	--	--	--	15	0	15	100%	0	0%	0%	0	--	0%
Lead	81	36	1.28	387	54	0	--	--	--	36	0	36	100%	6	17%	17%	0	--	0%
Mercury	0.0013	2	0.1	0.15	0.13	13	0.1	0.1	0.1	2	13	15	13%	2	100%	13%	13	100%	87%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>South Lake Union 293 Parcel A (EIM Study ID &amp; Name: VCNW2608 - South Lake Union 293 Parcel A, Seattle, WA)</b>																			
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	19	0.00811	1.016	0.19	19	0.00755	0.3775	0.027	19	19	38	50%	19	100%	50%	19	100%	50%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.0000022	0	--	--	--	1	0.1	0.1	0.1	0	1	1	--	0	--	0%	1	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	7	75	3,000	539	46	50	50	50	7	46	53	13%	1	14%	2%	0	0%	0%
Gasoline	30	3	2.6	1,600	541	18	2	2	2	3	18	21	14%	1	33%	5%	0	0%	0%
Heavy Oil	2,000	7	300	1,700	967	46	250	250	250	7	46	53	13%	0	0%	0%	0	0%	0%
<b>Tax Parcel 069600-0025 (EIM Study ID &amp; Name: VCNW2560 - Martin Apartments Performance Monitoring, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	6	0.022	0.23	0.11	40	0.022	1.5	0.069	6	40	46	13%	6	100%	13%	40	100%	87%
Toluene	0.055	2	0.11	4.9	2.5	43	0.05	2.5	0.12	2	43	45	4%	2	100%	4%	35	81%	78%
Ethylbenzene	0.015	6	0.16	3.3	0.82	39	0.05	2.5	0.12	6	39	45	13%	6	100%	13%	39	100%	87%
Total Xylenes	0.83	5	0.32	18	4.3	40	0.11	10	0.38	5	40	45	11%	2	40%	4%	1	3%	2%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	1	3,500	3,500	3,500	40	21.6	35	31	1	40	41	2%	1	100%	2%	0	0%	0%
Gasoline	30	11	3.3	3,200	477	34	3	6.7	5.1	11	34	45	24%	5	45%	11%	0	0%	0%
Heavy Oil	2,000	1	8,400	8,400	8,400	40	54	70	61	1	40	41	2%	1	100%	2%	0	0%	0%
<b>Taylor &amp; Denny New Building (EIM Study ID &amp; Name: VCNW2763 - Taylor &amp; Denny New Building (101 Taylor), Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	5	0.008	0.008	0.008	0	5	5	--	0	--	--	5	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	2	0.068	0.28	0.17	49	0.02	0.1	0.022	2	49	51	4%	2	100%	4%	49	100%	96%
Toluene	0.055	2	0.11	0.12	0.12	49	0.04	0.12	0.062	2	49	51	4%	2	100%	4%	28	57%	55%
Ethylbenzene	0.015	5	0.6	10	4.3	46	0.04	0.12	0.059	5	46	51	10%	5	100%	10%	46	100%	90%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	4	140	2,200	775	41	27	270	35	4	41	45	9%	1	25%	2%	0	--	--
Gasoline	30	6	120	9,000	3,485	45	4	11	5.8	6	45	51	12%	6	100%	12%	0	--	--
Heavy Oil	2,000	4	120	300	208	41	54	70	58	4	41	45	9%	0	--	--	0	--	--
<b>TOSCO 25535330857 (EIM Study ID &amp; Name: VCNW1714 - ConocoPhillips 255353 (01396) (Tosco 25535330857) Westlake/Mercer Cleanup Project, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	4	0.00201	2.53	1.2	0	4	4	--	0	--	--	4	100%	100%
TCE	0.00027	0	--	--	--	4	0.00251	2.53	1.2	0	4	4	--	0	--	--	4	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	5	0.00251	2.53	0.99	0	5	5	--	0	--	--	5	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
<b>Benzene</b>	<b>0.00056</b>	265	0.0009	<b>174</b>	3.8	291	0.00083	3.09	0.073	265	291	556	48%	265	100%	48%	291	100%	52%
<b>Toluene</b>	<b>0.055</b>	166	0.0009	<b>533</b>	20	350	0.00083	5.16	0.13	166	350	516	32%	130	78%	25%	95	27%	18%
<b>Ethylbenzene</b>	<b>0.015</b>	252	0.00239	<b>440</b>	23	278	0.00102	0.804	0.057	252	278	530	48%	235	93%	44%	187	67%	35%
<b>Total Xylenes</b>	<b>0.83</b>	249	0.00372	<b>1,100</b>	72	283	0.00205	2.41	0.15	249	283	532	47%	153	61%	29%	8	3%	2%
<i>Metals</i>																			
<b>Lead</b>	<b>81</b>	497	1.21	<b>11,600</b>	63	6	6.05	68.5	53	497	6	503	99%	40	8%	8%	0	--	--
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	7	0.00989	1.9575	0.45	9	0.00755	0.08003	0.023	7	9	16	44%	7	100%	44%	9	100%	56%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	239	11.1	4,640	224	254	10.4	108	13	239	254	493	48%	5	2%	1%	0	--	--
<b>Gasoline</b>	<b>30</b>	250	0.345	<b>16,000</b>	793	253	0.102	40.7	6.6	250	253	503	50%	150	60%	30%	6	2%	1%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>TOSCO 25535330857 (EIM Study ID &amp; Name: VCNW1714 - ConocoPhillips 255353 (01396) (Tosco 25535330857) Westlake/Mercer Cleanup Project, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons</i>																			
Heavy Oil	2,000	211	27.9	12,500	425	282	25.8	302	33	211	282	493	43%	9	4%	2%	0	--	--
<b>Troy Laundry Seattle (EIM Study ID &amp; Name: AODE8996 - Troy Laundry Property, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	302	0.025	450	2.7	1236	0.025	0.25	0.025	302	1,236	1,538	20%	302	100%	20%	1,236	100%	80%
TCE	0.00027	11	0.023	0.24	0.088	1527	0.02	0.3	0.023	11	1,527	1,538	1%	11	100%	1%	1,527	100%	99%
<b>Vinyl Chloride</b>	<b>0.000055</b>	1	0.4	<b>0.4</b>	0.4	1537	0.05	0.5	0.050	1	1,537	1,538	0%	1	100%	0%	1,537	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	516	0.02	1	0.036	0	516	516	--	0	--	--	516	100%	100%
Toluene	0.055	5	0.037	0.21	0.13	511	0.02	1	0.054	5	511	516	1%	4	80%	1%	21	4%	4%
Ethylbenzene	0.015	35	0.034	24	2.8	481	0.02	0.2	0.047	35	481	516	7%	35	100%	7%	481	100%	93%
Total Xylenes	0.83	35	0.07	52	8.7	481	0.06	0.1	0.095	35	481	516	7%	23	66%	4%	0	--	--
<i>Metals</i>																			
Arsenic	0.0041	10	1.13	19.3	3.9	0	--	--	--	10	0	10	100%	10	100%	100%	0	--	--
Cadmium	0.055	1	7.72	7.72	7.7	9	1	1	1	1	9	10	10%	1	100%	10%	9	100%	90%
Chromium	49,320	10	9.61	112	26	0	--	--	--	10	0	10	100%	0	--	--	0	--	--
Lead	81	10	1.31	490	51	0	--	--	--	10	0	10	100%	1	10%	10%	0	--	--
Mercury	0.0013	1	0.42	0.42	0.42	9	0.1	0.1	0.1	1	9	10	10%	1	100%	10%	9	100%	90%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	0	--	--	--	32	0.02265	0.02265	0.023	0	32	32	--	0	--	--	32	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	33	57	5,000	873	431	50	50	50	33	431	464	7%	4	12%	1%	0	--	--
Gasoline	30	149	2.3	4,800	796	500	2	2	2	149	500	649	23%	117	79%	18%	0	--	--
Heavy Oil	2,000	2	3,200	6,100	4,650	462	250	250	250	2	462	464	0%	2	100%	0%	0	--	--
<b>WA UW 815 Mercer (EIM Study ID &amp; Name: VCNW1518 - University of Washington School of Medicine Site, 815 Mercer St, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	2.6	6	0.0011	0.01	0.0049	0	6	6	--	0	--	0%	4	67%	67%
TCE	0.00027	0	--	--	--	6	0.0011	0.01	0.0049	0	6	6	--	0	--	0%	6	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	6	0.0011	0.01	0.0049	0	6	6	--	0	--	0%	6	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	31	0.021	22	1.1	86	0.0011	10	0.26	31	86	117	26%	31	100%	26%	86	100%	74%
Toluene	0.055	17	0.0021	38	3.8	100	0.0011	10	0.44	17	100	117	15%	15	88%	13%	9	9%	8%
Ethylbenzene	0.015	13	0.012	23	3.2	100	0.0011	0.0611	0.040	13	100	113	12%	12	92%	11%	96	96%	85%
Total Xylenes	0.83	15	0.0201	53.4	114	101	0.0011	10	0.51	15	101	116	13%	2	13%	2%	4	4%	3%
<i>Metals</i>																			
Arsenic	0.0041	1	8	8	8	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%
Cadmium	0.055	1	0.5	0.5	0.5	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%
Chromium	49,320	1	42.5	42.5	42.5	0	--	--	--	1	0	1	100%	0	0%	0%	0	--	0%
Lead	81	1	232	232	232	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%
Mercury	0.0013	1	0.37	0.37	0.37	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	0	--	--	--	2	0.04681	0.0755	0.061	0	2	2	--	0	--	0%	2	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	15	5.8	920	136	40	5.3	3,300	105	15	40	55	27%	0	0%	0%	1	3%	2%
Gasoline	30	20	3	3,000	537	97	3	1,300	20	20	97	117	17%	8	40%	7%	2	2%	2%
Heavy Oil	2,000	20	19	1,000	115	35	11	6,600	238	20	35	55	36%	0	0%	0%	1	3%	2%

**Table 3**  
**South Lake Union Study Area**  
**Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Weiss Jenkins XIII Site (EIM Study ID &amp; Name: VCNW2211 - Weiss Jenkins XIII LLC Site, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	2	0.15	3	1.6	0	2	2	--	0	--	0%	2	100%	100%
Toluene	0.055	0	--	--	--	2	0.25	5	2.625	0	2	2	--	0	--	0%	2	100%	100%
Ethylbenzene	0.015	0	--	--	--	2	0.25	5	2.6	0	2	2	--	0	--	0%	2	100%	100%
Total Xylenes	0.83	0	--	--	--	2	1	20	10.5	0	2	2	--	0	--	0%	2	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	7	40	18,000	6,063	8	25	210	50	7	8	15	47%	3	43%	20%	0	0%	0%
Gasoline	30	3	570	2,100	1,173	0	--	--	--	3	0	3	100%	3	100%	100%	0	--	0%
Heavy Oil	2,000	0	--	--	--	15	50	1,000	173	0	15	15	--	0	--	0%	0	0%	0%
<b>West 8th Building (EIM Study ID &amp; Name: VCNW1965 - West 8th Building, 718 Virginia St, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	18	0.02	0.02	0.02	0	18	18	--	0	--	0%	18	100%	100%
Toluene	0.055	0	--	--	--	18	0.02	0.02	0.02	0	18	18	--	0	--	0%	0	0%	0%
Ethylbenzene	0.015	0	--	--	--	18	0.02	0.02	0.02	0	18	18	--	0	--	0%	18	100%	100%
Total Xylenes	0.83	0	--	--	--	18	0.06	0.06	0.06	0	18	18	--	0	--	0%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	7	1.95	9.2	4.71	0	--	--	--	7	0	7	100%	7	100%	100%	0	--	0%
Cadmium	0.055	1	1.05	1.05	1.05	6	1	1	1	1	6	7	14%	1	100%	14%	6	100%	86%
Chromium	49,320	7	6.32	16.5	10	0	--	--	--	7	0	7	100%	0	0%	0%	0	--	0%
Lead	81	32	4.32	1,390	127	0	--	--	--	32	0	32	100%	13	41%	41%	0	--	0%
<i>Metals</i>																			
Mercury	0.0013	3	0.28	0.8	0.55	4	0.2	0.2	0.2	3	4	7	43%	3	100%	43%	4	100%	57%
Diesel	2,000	7	85	51,000	9,535	20	50	50	50	7	20	27	26%	3	43%	11%	0	0%	0%
<i>Petroleum Hydrocarbons</i>																			
Gasoline	30	0	--	--	--	18	2	2	2	0	18	18	--	0	--	0%	0	0%	0%
Heavy Oil	2,000	5	360	27,000	9,194	21	250	250	250	5	21	26	19%	3	60%	12%	0	0%	0%
<b>Westlake Chevrolet (EIM Study ID &amp; Name: VCNW2928 - 2030 8th Avenue Westlake Chevrolet)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	0.0016	0	--	--	--	8	0.00095	1.3	0.64	0	8	8	--	0	--	0%	6	75%	75%
TCE	0.00027	0	--	--	4,078	8	0.00095	1.3	0.63	0	8	8	--	0	--	0%	8	100%	100%
Vinyl Chloride	0.000055	0	--	--	--	8	0.00095	1.3	0.64	0	8	8	--	2	--	25%	8	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	30	0.00002	1.3	0.18	0	30	30	--	0	--	0%	28	93%	93%
Toluene	0.055	4	7	29	0.053	26	0.00005	0.05	0.043	4	26	30	13%	4	100%	13%	0	0%	0%
Ethylbenzene	0.015	2	4.2	18	11	13	0.00005	0.05	0.042	2	13	15	13%	2	100%	13%	11	85%	73%
Total Xylenes	0.83	2	0.0206	0.086	23	13	0.00005	0.05	0.042	2	13	15	13%	0	0%	0%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.0041	2	6.8	6.8	6.8	2	2	2	2	2	2	4	50%	2	100%	50%	2	100%	50%
Cadmium	0.055	2	1.3	1.3	1.3	2	1	1	1	2	2	4	50%	2	100%	50%	2	100%	50%
Chromium	49,320	4	2	5.4	3.7	0	--	--	--	4	0	4	100%	0	0%	0%	0	--	0%
<i>Metals</i>																			
Copper	0.069	2	14	14	14	0	--	--	--	2	0	2	100%	2	100%	100%	0	--	0%
Lead	81	18	6.9	540	111	0	--	--	--	18	0	18	100%	6	33%	33%	0	--	0%
Mercury	0.0013	0	--	--	18	4	0.5	0.5	0.5	0	4	4	--	0	--	0%	4	100%	100%
Zinc	5.0	2	23	23	--	0	--	--	--	2	0	2	100%	32	1600%	1600%	0	--	0%



**Table 3  
South Lake Union Study Area  
Soil - Summary of Analytical Results**

Chemicals	Screening Levels	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect> SL	%Total> SL	SL Exceedance	%ND>SL	%Total> SL
<b>Westlake Chevrolet (EIM Study ID &amp; Name: VCNW2928 - 2030 8th Avenue Westlake Chevrolet)</b>																			
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	0	--	--	--	1	0.0755	0.0755	0.076	0	1	1	--	0	--	0%	1	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	6	440	9,000	5,913	18	20	20	20	6	18	24	25%	4	67%	17%	0	0%	0%
Gasoline	30	4	2,200	11,000	6,600	22	5	5	5	4	22	26	15%	4	100%	15%	0	0%	0%
Heavy Oil	2,000	4	36,000	38,000	37,000	20	50	50	50	4	20	24	17%	4	100%	17%	0	0%	0%
<b>Yale St Parking Garage (EIM Study ID &amp; Name: FS92673819 - PEMCO Parking, Yale Ave N Parking Garage - Concrete Cutter)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	0.00056	0	--	--	--	18	0.02	0.03	0.021	0	18	18	--	0	--	0%	18	100%	100%
Toluene	0.055	1	0.021	0.021	0.021	17	0.02	0.05	0.024	1	17	18	6%	0	0%	0%	0	0%	0%
Ethylbenzene	0.015	2	0.028	0.031	0.030	18	0.02	0.368	0.061	2	18	20	10%	2	100%	10%	18	100%	90%
Total Xylenes	0.83	2	0.079	0.089	0.084	18	0.06	0.368	0.098	2	18	20	10%	0	0%	0%	0	0%	0%
<i>Metals</i>																			
Lead	81	3	2.2	4.92	3.2	0	--	--	--	3	0	3	100%	0	0%	0%	0	--	0%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	1	0.00763	0.00763	0.0076	2	0.00755	0.00755	0.0076	1	2	3	33%	1	100%	33%	2	100%	67%
<i>Petroleum Hydrocarbons</i>																			
Diesel	2,000	7	78	3,100	566	15	50	50	50	7	15	22	32%	1	14%	5%	0	0%	0%
Gasoline	30	8	2.7	140	30	14	2	20	7.1	8	14	22	36%	1	13%	5%	0	0%	0%
Heavy Oil	2,000	2	380	690	535	20	250	250	250	2	20	22	9%	0	0%	0%	0	0%	0%

All concentrations are in mg/kg (milligrams per kilogram)  
 Screening Levels for all chemicals are Soil Protection of Groundwater - Saturated Zone, except Petroleum Hydrocarbons.  
 Petroleum Hydrocarbons Screening Levels are MTCA Method A Cleanup Levels  
 Bold values indicate the highest detected concentration of analyte within the South Lake Union Study Area.

MTCA - Model Toxics Control Act  
 PCE - tetrachloroethene or tetrachloroethylene  
 TCE - trichloroethene or trichloroethylene  
 SL - Screening Level  
 -- not applicable

**Table 4**  
**South Lake Union Study Area**  
**Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>All Sites</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	353	0.2	230,000	4,376	349	0.2	200	2	353	1,231	1,584	22%	69	20%	4%	1,151	94%	73%
TCE	0.7	213	0.2	5,100	293	475	0.2	2,000	20	213	475	688	31%	196	92%	28%	475	100%	69%
Vinyl Chloride	0.18	152	0.2	7,500	149	536	0.2	400	7	152	536	688	22%	152	100%	22%	536	100%	78%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	766	0.21	14,000	358	1022	0.02	350	1.4	766	1,022	1,788	43%	664	87%	37%	652	64%	36%
Toluene	130	547	0.23	30,500	330	1231	0.02	1000	2.95	547	17	564	97%	0	--	--	17	100%	3%
Ethylbenzene	31	695	0.11	4,800	263	1097	0.02	1,000	2.7	695	1,097	1,792	39%	337	48%	19%	556	51%	31%
Total Xylenes	1,000	599	0.2	22,560	1,264	1177	0.06	2,000	6.7	599	1,177	1,776	34%	138	23%	8%	165	14%	9%
<i>Metals</i>																			
Arsenic	0.14	93	1.03	37	6.9	61	1	5	2.9	93	61	154	60%	93	100%	60%	61	100%	40%
Cadmium	1.2	4	1.12	28.7	11	79	0.44	5	2.7	4	79	83	5%	3	75%	4%	56	71%	67%
Chromium	0.060	32	0.87	300	23	105	0.59	11	6.7	32	105	137	23%	32	100%	23%	105	100%	77%
Copper	3.1	0	0	0	0	47	5	10	8.2	0	47	47	0%	0	--	--	47	100%	100%
Lead	8.1	619	0.001	7,810	42	885	0.001	5	1.2	619	885	1,504	41%	165	27%	11%	51	6%	3%
Mercury	0.025	4	0.21	23	6.6	115	0.1	1	0.49	4	115	119	3%	4	100%	3%	115	100%	97%
Zinc	81	1	200	200	200	1	10	10	10	1	1	2	50%	1	100%	50%	0	--	--
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	14	0.00697	2.423	0.39	47	0.0005	1.41	0.24	0	17	17	--	0	--	--	17	100%	100%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.000007					17	0.047	0.5	0.19	14	47	61	23%	14	100%	23%	47	100%	77%
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	513	0.24	65,000	1,139	1067	0.236	900	192	513	1,067	1,580	32%	191	37%	12%	58	5%	4%
Gasoline	800	860	50	240,000	6,895	766	0.05	2,000	74	860	766	1,626	53%	495	58%	30%	1	0%	0%
Heavy Oil	500	291	0.546	28,800	1,294	1282	0.472	12,000	414	291	1,282	1,573	18%	101	35%	6%	153	12%	10%
<b>1214 8TH AVE (EIM Study ID &amp; Name: VCNW2721 - 1214 8TH AVE, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	8	1	1	1	0	8	8	--	0	--	--	0	--	--
Toluene	130	0	--	--	--	8	1	1	1	0	8	8	--	0	--	--	8	100%	100%
Ethylbenzene	31	0	--	--	--	8	1	1	1	0	8	8	--	0	--	--	0	--	--
Total Xylenes	1,000	0	--	--	--	8	1	1	1	0	8	8	--	0	--	--	8	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	7	118	968	330	7	50	51.5	50	7	7	14	50%	1	14%	7%	0	--	--
Gasoline	800	0	--	--	--	8	50	50	50	0	8	8	--	0	--	--	0	--	--
Heavy Oil	500	6	108	1,390	459	4	100	100	100	6	4	10	60%	1	17%	10%	0	--	--
<b>202 Westlake Office Building (EIM Study ID &amp; Name: VCNW2559 - 202 Westlake Office Building Site, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	1	0.2	0.2	0.2	0	--	--	--	1	0	1	100%	0	--	--	0	--	--
TCE	0.7	1	0.58	0.58	0.58	0	--	--	--	1	0	1	100%	0	--	--	0	--	--
Vinyl Chloride	0.18	0	--	--	--	1	0.2	0.2	0.2	0	1	1	--	0	--	--	1	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	1	1	1	1	0	1	1	--	0	--	--	0	--	--
Toluene	130	0	--	--	--	1	1	1	1	0	1	1	--	0	--	--	1	100%	100%
Ethylbenzene	31	0	--	--	--	1	1	1	1	0	1	1	--	0	--	--	0	--	--
Total Xylenes	1,000	0	--	--	--	1	1	1	1	0	1	1	--	0	--	--	1	100%	100%

**Table 4**  
**South Lake Union Study Area**  
**Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>202 Westlake Office Building (EIM Study ID &amp; Name: VCNW2559 - 202 Westlake Office Building Site, Seattle, WA)</b>																			
<i>Metals</i>																			
Cadmium	1.2	0	--	--	--	2	4	4.4	4.2	0	2	2	--	0	--	--	2	100%	100%
Chromium	0.060	1	300	<b>300</b>	300	1	10	10	10	1	1	2	50%	1	100%	50%	1	100%	50%
Lead	8.1	1	120	120	120	1	1	1	1	1	1	2	50%	1	100%	50%	0	--	--
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	0	--	--	--	1	270	270	270	0	1	1	--	0	--	--	0	--	--
Gasoline	800	0	--	--	--	1	110	110	110	0	1	1	--	0	--	--	0	--	--
Heavy Oil	500	0	--	--	--	1	430	430	430	0	1	1	--	0	--	--	0	--	--
<b>400 Fairview LLC Seattle (EIM Study ID &amp; Name: VCNW2679)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	8	0.21	42	14	12	0.2	2	0.57	8	12	20	40%	3	38%	15%	10	83%	50%
TCE	0.7	14	2.2	730	152	6	0.2	0.2	0.2	14	6	20	70%	14	100%	70%	6	100%	30%
Vinyl Chloride	0.18	0	--	--	--	20	0.2	4	0.84	0	20	20	--	0	--	0%	20	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	1	0.1	0.1	0.1	0	1	1	--	0	--	0%	1	100%	100%
Toluene	130	0	--	--	--	1	5	5	5	0	1	1	--	0	--	0%	0	0%	0%
Ethylbenzene	31	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.14	0	--	--	--	1	3.3	3.3	3.3	0	1	1	--	0	--	0%	1	100%	100%
Cadmium	1.2	0	--	--	--	1	4.4	4.4	4.4	0	1	1	--	0	--	0%	1	100%	100%
Chromium	0.060	0	--	--	--	1	11	11	11	0	1	1	--	0	--	0%	1	100%	100%
Lead	8.1	0	--	--	--	1	1.1	1.1	1.1	0	1	1	--	0	--	0%	0	0%	0%
Mercury	0.025	0	--	--	--	1	0.5	0.5	0.5	0	1	1	--	0	--	0%	1	100%	100%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	0	--	--	--	1	250	250	250	0	1	1	--	0	--	0%	0	0%	0%
Gasoline	800	0	--	--	--	1	100	100	100	0	1	1	--	0	--	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	1	410	410	410	0	1	1	--	0	--	0%	0	0%	0%
<b>525 Boren Building (EIM Study ID &amp; Name: VCNW2741 - 525 Boren Building, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	1	1.8	1.8	1.8	4	1	1	1	1	4	5	20%	0	0%	0%	4	100%	80%
TCE	0.7	0	--	--	--	5	1	1	1	0	5	5	--	0	--	0%	5	100%	100%
Vinyl Chloride	0.18	0	--	--	--	5	0.2	0.2	0.2	0	5	5	--	0	--	0%	5	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	5	0.35	0.35	0.35	0	5	5	--	0	--	0%	5	100%	100%
Toluene	130	0	--	--	--	5	1	1	1	0	5	5	--	0	--	0%	5	100%	100%
Ethylbenzene	31	0	--	--	--	5	1	1	1	0	5	5	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	1	7.3	7.3	7.3	4	2	2	2	1	4	5	20%	0	0%	0%	0	0%	0%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	4	65	22,000	5,786	1	50	50	50	4	1	5	80%	2	50%	40%	0	0%	0%
Gasoline	800	1	890	890	890	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%
Heavy Oil	500	4	330	17,000	4,655	1	250	250	250	4	1	5	80%	3	75%	60%	0	0%	0%

**Table 4**  
**South Lake Union Study Area**  
**Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>American Linen Supply Co Dexter Ave, Seattle, WA (EIM Study ID &amp; Name: VCNW2652 - American Linen Supply Co Dexter Ave, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	133	1	230,000	11,211	109	1	10	1.2	133	109	242	55%	122	92%	50%	109	100%	45%
TCE	0.7	125	1.1	5,100	479	117	1	2,000	71	125	117	242	52%	125	100%	52%	117	100%	48%
Vinyl Chloride	0.18	146	0.2	7,500	155	96	0.2	400	26	146	96	242	60%	146	100%	60%	96	100%	40%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	10	0.37	100	17	67	0.35	350	11	10	67	77	13%	6	60%	8%	66	99%	86%
Toluene	130	15	1.2	12	3.0	62	1	1,000	35	15	62	77	19%	0	0%	0%	55	89%	71%
Ethylbenzene	31	7	1.1	90	18	70	1	1,000	31	7	70	77	9%	1	14%	1%	3	4%	4%
Total Xylenes	1,000	8	1.1	144	55	69	2	2,000	61	8	69	77	10%	0	0%	0%	2	3%	3%
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	10	120	3,100	571	7	50	50	50	10	7	17	59%	2	20%	12%	0	0%	0%
Gasoline	800	8	130	240,000	40,948	10	100	100	100	8	10	18	44%	5	63%	28%	0	0%	0%
Heavy Oil	500	3	290	740	490	14	250	250	250	3	14	17	18%	1	33%	6%	0	0%	0%
<b>Aoki Property (EIM Study ID &amp; Name: VCNW1743 - Aoki Property, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	162	0.21	8,300	280	48	0.2	20	1.1	162	48	210	77%	118	73%	56%	48	100%	23%
TCE	0.7	49	0.2	30	3.7	161	0.2	50	2.2	49	161	210	23%	33	67%	16%	161	100%	77%
Vinyl Chloride	0.18	0	--	--	--	210	0.2	50	1.8	0	210	210	--	0	--	0%	210	100%	100%
<b>ARE Seattle No 15 LLC (EIM Study ID &amp; Name: VCNW1963 - ARE Seattle No 15 LLC, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	19	1	1	1	0	19	19	--	0	--	0%	0	0%	0%
Toluene	130	0	--	--	--	19	1	1	1	0	19	19	--	0	--	0%	19	100%	100%
Ethylbenzene	31	0	--	--	--	19	1	1	1	0	19	19	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	0	--	--	--	19	2	3	2.7	0	19	19	--	0	--	0%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.14	27	2	37	9.0	18	2	2	2	27	18	45	60%	27	100%	60%	18	100%	40%
Chromium	0.060	6	2.5	31	19	39	2	10	6.9	6	39	45	13%	6	100%	13%	39	100%	87%
Copper	3.1	0	--	--	--	45	5	10	8.1	0	45	45	--	0	--	0%	45	100%	100%
Lead	8.1	1	5.1	5.1	5.1	44	2	2	2	1	44	45	2%	0	0%	0%	0	0%	0%
Mercury	0.025	0	--	--	--	38	0.2	1	0.79	0	38	38	--	0	--	0%	38	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	6	130	750	270	13	250	250	250	6	13	19	32%	1	17%	5%	0	0%	0%
Gasoline	800	1	920	920	920	18	50	100	86	1	18	19	5%	1	100%	5%	0	0%	0%
Heavy Oil	500	2	300	330	315	17	240	500	454	2	17	19	11%	0	0%	0%	0	0%	0%
<b>BMW Seattle, Pike St (EIM Study ID &amp; Name: VCNW2618 - BMW Seattle, Pike St)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
TCE	0.7	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
Vinyl Chloride	0.18	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	0	0%	0%
Toluene	130	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
Ethylbenzene	31	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%

**Table 4**  
**South Lake Union Study Area**  
**Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>BMW Seattle, Pike St (EIM Study ID &amp; Name: VCNW2618 - BMW Seattle, Pike St)</b>																			
<i>Metals</i>																			
Arsenic	0.14	0	--	--	--	1	5	5	5	0	1	1	--	0	--	0%	1	100%	100%
Cadmium	1.2	0	--	--	--	1	5	5	5	0	1	1	--	0	--	0%	1	100%	100%
Chromium	0.060	0	--	--	--	1	10	10	10	0	1	1	--	0	--	0%	1	100%	100%
Copper	3.1	0	--	--	--	1	10	10	10	0	1	1	--	0	--	0%	1	100%	100%
Lead	8.1	0	--	--	--	1	2	2	2	0	1	1	--	0	--	0%	0	0%	0%
Mercury	0.025	0	--	--	--	1	0.5	0.5	0.5	0	1	1	--	0	--	0%	1	100%	100%
Zinc	81	0	--	--	--	1	10	10	10	0	1	1	--	0	--	0%	0	0%	0%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	0	--	--	--	1	200	200	200	0	1	1	--	0	--	0%	0	0%	0%
Gasoline	800	0	--	--	--	1	100	100	100	0	1	1	--	0	--	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	1	500	500	500	0	1	1	--	0	--	0%	0	0%	0%
<b>City Place IV Block 34 (EIM Study ID &amp; Name: VCNW2194 - City Place IV Block 34, 331 Boren Ave N, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
TCE	0.7	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
Vinyl Chloride	0.18	0	--	--	--	1	0.2	0.2	0.2	0	1	1	--	0	--	0%	1	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	0	0%	0%
Toluene	130	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
Ethylbenzene	31	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
<i>Metals</i>																			
Arsenic	0.14	0	--	--	--	1	5	5	5	0	1	1	--	0	--	0%	1	100%	100%
Cadmium	1.2	0	--	--	--	1	5	5	5	0	1	1	--	0	--	0%	1	100%	100%
Chromium	0.060	0	--	--	--	1	10	10	10	0	1	1	--	0	--	0%	1	100%	100%
Copper	3.1	0	--	--	--	1	10	10	10	0	1	1	--	0	--	0%	1	100%	100%
Lead	8.1	0	--	--	--	1	2	2	2	0	1	1	--	0	--	0%	0	0%	0%
Mercury	0.025	0	--	--	--	1	0.5	0.5	0.5	0	1	1	--	0	--	0%	1	100%	100%
<b>Zinc</b>	81	1	200	<b>200</b>	200	0	--	--	--	1	0	1	100%	1	100%	100%	0	--	0%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	0	--	--	--	1	200	200	200	0	1	1	--	0	--	0%	0	0%	0%
Gasoline	800	0	--	--	--	1	100	100	100	0	1	1	--	0	--	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	1	500	500	500	0	1	1	--	0	--	0%	0	0%	0%
<b>Creases Dry Cleaner (EIM Study ID &amp; Name: VCNW2915 - 1820 Terry Avenue - Creases Dry Cleaner/Williamsburg Apartments, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	3	1.3	17	6.7	11	1	1	1	3	11	14	21%	1	33%	7%	11	100%	79%
TCE	0.7	2	1.8	22	12	12	0.5	1	0.83	2	12	14	14%	2	100%	14%	12	100%	86%
Vinyl Chloride	0.18	3	0.87	15	5.8	11	0.2	1	0.78	3	11	14	21%	3	100%	21%	11	100%	79%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	14	1	1	1	0	14	14	--	0	--	0%	0	0%	0%
Toluene	130	0	--	--	--	14	1	5	3.9	0	14	14	--	0	--	0%	4	29%	29%
Ethylbenzene	31	0	--	--	--	14	1	1	1	0	14	14	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	0	--	--	--	13	1	3	2.4	0	13	13	--	0	--	0%	4	31%	31%

**Table 4  
South Lake Union Study Area  
Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>Creases Dry Cleaner (EIM Study ID &amp; Name: VCNW2915 - 1820 Terry Avenue - Creases Dry Cleaner/Williamsburg Apartments, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	1	1,700	1,700	1,700	1	100	100	100	1	1	2	50%	1	100%	50%	0	0%	0%
Heavy Oil	500	1	1,800	1,800	1,800	1	250	250	250	1	1	2	50%	1	100%	50%	0	0%	0%
<b>Equinox Apartments (EIM Study ID &amp; Name: VCNW2342 - Equinox Condominiums VCP, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	8	0.27	4,000	976	12	0.2	200	17	8	12	20	40%	3	38%	15%	9	75%	45%
TCE	0.7	3	0.71	11	5.2	17	0.2	200	36	3	17	20	15%	3	100%	15%	17	100%	85%
Vinyl Chloride	0.18	0	--	--	--	20	0.2	200	31	0	20	20	--	0	--	0%	20	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	18	0.2	2	0.97	0	18	18	--	0	--	0%	10	56%	56%
Toluene	130	0	--	--	--	18	0.2	2	0.97	0	18	18	--	0	--	0%	14	78%	78%
Ethylbenzene	31	0	--	--	--	18	0.2	2	0.97	0	18	18	--	0	--	0%	6	33%	33%
Total Xylenes	1,000	0	--	--	--	17	0.5	4	1.6	0	17	17	--	0	--	0%	13	76%	76%
<i>Metals</i>																			
Arsenic	0.14	2	1.03	1.04	1.0	5	1	5	4.2	2	5	7	29%	2	100%	29%	5	100%	71%
Cadmium	1.2	0	--	--	--	7	1	5	3.3	0	7	7	--	0	--	0%	4	57%	57%
Chromium	0.060	1	6.06	6.06	6.1	6	1	10	7	1	6	7	14%	1	100%	14%	6	100%	86%
Lead	8.1	1	1.02	1.02	1.0	6	1	4	3	1	6	7	14%	0	0%	0%	0	0%	0%
Mercury	0.025	0	--	--	--	7	0.2	0.2	0.2	0	7	7	--	0	--	0%	7	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	0	--	--	--	4	0.00705	1.41	1.1	0	4	4	--	0	--	0%	4	100%	100%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.000007	0	--	--	--	4	0.1	0.1	0.1	0	4	4	--	0	--	0%	4	100%	100%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	1	170	170	170	19	130	300	241	1	19	20	5%	0	0%	0%	0	0%	0%
Gasoline	800	0	--	--	--	13	50	100	81	0	13	13	--	0	--	0%	0	0%	0%
Heavy Oil	500	1	290	290	290	16	400	500	451	1	16	17	6%	0	0%	0%	0	0%	0%
<b>Fifth and Broad Property (EIM Study ID &amp; Name: VCNW2793 - 5th and Broad Property, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	3	1	1	1	0	3	3	--	0	--	0%	0	0%	0%
Toluene	130	0	--	--	--	3	1	1	1	0	3	3	--	0	--	0%	3	100%	100%
Ethylbenzene	31	1	1.3	1.3	1.3	2	1	1	1	1	2	3	33%	0	0%	0%	0	0%	0%
Total Xylenes	1,000	1	2.7	2.7	2.7	2	1	5	3	1	2	3	33%	0	0%	0%	1	50%	33%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	2	460	820	640	1	270	270	270	2	1	3	67%	1	50%	33%	0	0%	0%
Gasoline	800	2	230	470	350	1	100	100	100	2	1	3	67%	0	0%	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	3	410	440	420	0	3	3	--	0	--	0%	0	0%	0%
<b>Foley Sign Co Inc (EIM Study ID &amp; Name: VCNW2381 - Foley Sign Co Inc (Packard Building), Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	0	0%	0%
Toluene	130	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	2	100%	100%
Ethylbenzene	31	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	2	100%	100%

**Table 4  
South Lake Union Study Area  
Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>Foley Sign Co Inc (EIM Study ID &amp; Name: VCNW2381 - Foley Sign Co Inc (Packard Building), Seattle, WA)</b>																			
<i>Metals</i>																			
Arsenic	0.14	0	--	--	--	4	5	5	5	0	4	4	--	0	--	0%	4	100%	100%
Cadmium	1.2	0	--	--	--	4	5	5	5	0	4	4	--	0	--	0%	4	100%	100%
Chromium	0.060	0	--	--	--	4	10	10	10	0	4	4	--	0	--	0%	4	100%	100%
Lead	8.1	0	--	--	--	4	0.002	0.002	0.002	0	4	4	--	0	--	0%	0	0%	0%
Mercury	0.025	0	--	--	--	4	1	1	1	0	4	4	--	0	--	0%	4	100%	100%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	0	--	--	--	5	200	200	200	0	5	5	--	0	--	0%	0	0%	0%
Gasoline	800	0	--	--	--	5	100	100	100	0	5	5	--	0	--	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	5	500	500	500	0	5	5	--	0	--	0%	0	0%	0%
<b>Freymuller Enterprises Inc (EIM Study ID &amp; Name: VCNW2662 - Dexter Station Independent Remedial Action (formerly Freymuller Enterprises), Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	15	3.3	4,700	1,023	5	1	1	1	15	5	20	75%	15	100%	75%	0	0%	0%
Toluene	130	15	1.6	5,800	864	5	1	1	1	15	5	20	75%	7	47%	35%	5	100%	25%
Ethylbenzene	31	11	1.2	1,500	376	9	1	20	3.6	11	9	20	55%	8	73%	40%	0	0%	0%
Total Xylenes	1,000	15	4.9	12,000	2,520	5	3	3	3	15	5	20	75%	8	53%	40%	0	0%	0%
<i>Petroleum Hydrocarbons.</i>																			
Gasoline	800	11	360	64,000	18,211	7	100	2,000	371	11	7	18	61%	9	82%	50%	1	14%	6%
<b>Greyhound Lines Inc Seattle 780013 (EIM Name &amp; Study ID: VCNW2945 - Greyhound Denny Way Facility)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	1	0.24	0.24	0.24	72	0.2	4	0.61	1	72	73	1%	0	0%	0%	72	100%	99%
TCE	0.7	0	--	--	--	59	0.2	4	0.69	0	59	59	--	0	--	0%	59	100%	100%
Vinyl Chloride	0.18	0	--	--	--	59	0.2	4	0.34	0	59	59	--	0	--	0%	59	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	56	1	690	219	228	0.2	1	0.78	56	228	284	20%	49	88%	17%	68	30%	24%
Toluene	130	23	1	470	26	247	1	20	1.6	23	247	270	9%	1	4%	0%	230	93%	85%
Ethylbenzene	31	37	1.1	82	34	247	0.2	1	0.86	37	247	284	13%	21	57%	7%	43	17%	15%
Total Xylenes	1,000	35	0.2	800	49	248	0.4	30	2.8	35	248	283	12%	0	0%	0%	62	25%	22%
<i>Metals</i>																			
Arsenic	0.14	4	4.3	8.2	5.4	10	3.3	3.3	3.3	4	10	14	29%	4	100%	29%	10	100%	71%
Cadmium	1.2	0	--	--	--	14	4.4	4.4	4.4	0	14	14	--	0	--	0%	14	100%	100%
Chromium	0.060	0	--	--	--	14	11	11	11	0	14	14	--	0	--	0%	14	100%	100%
Lead	8.1	2	1.2	4.5	2.9	12	1.1	1.1	1.1	2	12	14	14%	0	0%	0%	0	0%	0%
Mercury	0.025	0	--	--	--	14	0.5	0.5	0.5	0	14	14	--	0	--	0%	14	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	1	0.0979	0.0979	0.098	7	0.0067	0.0067	#####	1	7	8	13%	1	100%	13%	7	100%	88%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.000007	0	--	--	--	8	0.047	0.048	0.047	0	8	8	--	0	--	0%	8	100%	100%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	54	54	<b>65,000</b>	2,818	213	50	300	97	54	213	267	20%	20	37%	7%	0	0%	0%
Gasoline	800	42	68	5,900	1,148	156	0.05	400	97	42	156	198	21%	26	62%	13%	0	0%	0%
Heavy Oil	500	24	130	9,700	1,723	243	100	2,000	289	24	243	267	9%	9	38%	3%	2	1%	1%

**Table 4**  
**South Lake Union Study Area**  
**Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>Inhabit Eastlake (EIM Study ID &amp; Name: VCNW3018 - Inhabit Eastlake, 1823 Eastlake Avenue East, WA 98102)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	0	--	--	--	4	1	1	1	0	4	4	--	0	--	0%	4	100%	100%
TCE	0.7	0	--	--	--	4	1	1	1	0	4	4	--	0	--	0%	4	100%	100%
Vinyl Chloride	0.18	0	--	--	--	4	0.2	0.2	0.2	0	4	4	--	0	--	0%	4	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	2	1.1	8.4	4.8	8	0.35	1	0.68	2	8	10	20%	1	50%	10%	4	50%	40%
Toluene	130	1	60	60	60	9	1	1	1	1	9	10	10%	0	0%	0%	9	100%	90%
Ethylbenzene	31	1	110	110	110	9	1	1	1	1	9	10	10%	1	100%	10%	0	0%	0%
Total Xylenes	1,000	2	30	230	130	8	2	3	2.5	2	8	10	20%	0	0%	0%	0	0%	0%
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	4	200	360	273	5	50	500	410	4	5	9	44%	0	0%	0%	0	0%	0%
Gasoline	800	2	930	1,600	1,265	8	100	200	150	2	8	10	20%	2	100%	20%	0	0%	0%
Heavy Oil	500	1	2,500	2,500	2,500	8	250	2,500	1,094	1	8	9	11%	1	100%	11%	3	38%	33%
<b>IRIS Holding LLC (EIM Study ID &amp; Name: VCNW1493 - IRIS 500 - 5TH Avenue Redevelopment Project, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	0	--	--	--	12	2	2	2	0	12	12	--	0	--	0%	0	0%	0%
TCE	0.7	0	--	--	--	12	2	2	2	0	12	12	--	0	--	0%	12	100%	100%
Vinyl Chloride	0.18	0	--	--	--	12	0.2	0.2	0.2	0	12	12	--	0	--	0%	12	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	12	1	2	1.5	0	12	12	--	0	--	0%	6	50%	50%
Toluene	130	0	--	--	--	12	1	2	1.5	0	12	12	--	0	--	0%	6	50%	50%
Ethylbenzene	31	0	--	--	--	12	1	2	1.5	0	12	12	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	0	--	--	--	12	3	4	3.5	0	12	12	--	0	--	0%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.14	22	2.1	14	6.96364	2	1.8	1.8	1.8	22	2	24	92%	22	100%	92%	2	100%	8%
Cadmium	1.2	0	--	--	--	15	0.44	0.44	0.44	0	15	15	--	0	--	0%	15	100%	100%
Chromium	0.060	9	0.87	130	21	15	0.59	0.79	0.71	9	15	24	38%	9	100%	38%	15	100%	63%
Lead	8.1	5	0.94	12	4.368	10	0.62	0.62	0.62	5	10	15	33%	1	20%	7%	10	100%	67%
Mercury	0.025	0	--	--	--	15	0.2	0.2	0.2	0	15	15	--	0	--	0%	15	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	1	0.04533	0.04533	0.04533	11	0.0141	0.0141	0.014	1	11	12	8%	1	100%	8%	11	100%	92%
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	0	--	--	--	12	130	130	130	0	12	12	--	0	--	0%	0	0%	0%
Gasoline	800	0	--	--	--	12	50	50	50	0	12	12	--	0	--	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	12	250	250	250	0	12	12	--	0	--	0%	0	0%	0%
<b>Jiffy Lube Store 2077 (EIM Study ID &amp; Name: VCNW2072 - Jiffy Lube Store 2077, 2025 4th Ave, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	0	--	--	--	5	0.5	1	0.8	0	5	5	--	0	--	0%	5	100%	100%
TCE	0.7	0	--	--	--	5	0.5	1	0.8	0	5	5	--	0	--	0%	5	100%	100%
Vinyl Chloride	0.18	0	--	--	--	5	0.2	0.5	0.32	0	5	5	--	0	--	0%	5	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	31	0.5	1	0.74	0	31	31	--	0	--	0%	16	52%	52%
Toluene	130	0	--	--	--	31	0.5	5	1.3	0	31	31	--	0	--	0%	28	90%	90%
Ethylbenzene	31	1	0.11	0.11	0.11	30	0.5	5	1.3	1	30	31	3%	0	0%	0%	7	23%	23%



**Table 4**  
**South Lake Union Study Area**  
**Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>Jiffy Lube Store 2077 (EIM Study ID &amp; Name: VCNW2072 - Jiffy Lube Store 2077, 2025 4th Ave, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Total Xylenes	1,000	0	--	--	--	28	1	5	2.3	0	28	28	--	0	--	0%	13	46%	46%
<i>Metals</i>																			
Lead	8.1	11	1.02	87.4	41	45	1	5	2.7	11	45	56	20%	8	73%	14%	0	0%	0%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	0	--	--	--	5	0.0005	0.0705	0.029	0	5	5	--	0	--	0%	5	100%	100%
<i>Polychlorinated Biphenyls</i>																			
Total PCB Aroclors	0.000007	0	--	--	--	5	0.495	0.5	0.498	0	5	5	--	0	--	0%	5	100%	100%
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	3	850	2,510	1,520	28	98	500	212	3	28	31	10%	3	100%	10%	0	0%	0%
Gasoline	800	1	1,670	1,670	1,670	31	50	250	85	1	31	32	3%	1	100%	3%	0	0%	0%
Heavy Oil	500	1	270	270	270	30	98	800	328.1	1	30	31	3%	0	0%	0%	4	13%	13%
<b>Lenora Building (EIM Study ID &amp; Name: NW2980 - Lenora Building)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	0	0%	0%
Toluene	130	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	2	100%	100%
Ethylbenzene	31	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	0	--	--	--	2	1	2	1.5	0	2	2	--	0	--	0%	1	50%	50%
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	0	--	--	--	2	250	260	255	0	2	2	--	0	--	0%	0	0%	0%
Gasoline	800	0	--	--	--	2	50	100	75	0	2	2	--	0	--	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	2	410	750	580	0	2	2	--	0	--	0%	1	50%	50%
<b>Marlborough House (EIM Study ID &amp; Name: VCNW 2762 - Marlborough House, 1220 Boren Avenue, Seattle, WA)</b>																			
<i>Petroleum Hydrocarbons</i>																			
Diesel	500	0	--	--	--	1	50	50	50	0	1	1	--	0	--	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	1	100	100	100	0	1	1	--	0	--	0%	0	0%	0%
<b>Melrose &amp; Pine Development (EIM Study ID &amp; Name: VCNW2834 - Melrose and Pine Development)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	0	--	--	--	16	0.2	1	0.3	0	16	16	--	0	--	0%	16	100%	100%
TCE	0.7	0	--	--	--	16	0.2	1	0.3	0	16	16	--	0	--	0%	16	100%	100%
Vinyl Chloride	0.18	0	--	--	--	16	0.2	1	0.25	0	16	16	--	0	--	0%	16	100%	100%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	17	0.02	1	0.25	0	17	17	--	0	--	0%	15	88%	88%
Toluene	130	2	3.7	6.1	4.9	15	0.02	1	0.93	2	15	17	12%	0	0%	0%	14	93%	82%
Ethylbenzene	31	1	15	15	15	16	0.02	1	0.24	1	16	17	6%	0	0%	0%	14	88%	82%
Total Xylenes	1,000	1	87	87	87	16	0.06	2	0.48	1	16	17	6%	0	0%	0%	14	88%	82%
<i>Metals</i>																			
Arsenic	0.14	14	1.51	18.3	6.7	16	1	3.3	2.8	14	16	30	47%	14	100%	47%	16	100%	53%
Cadmium	1.2	0	--	--	--	14	4	4.4	4.0	0	14	14	--	0	--	0%	14	100%	100%
Chromium	0.060	0	--	--	--	14	10	11	10	0	14	14	--	0	--	0%	14	100%	100%
Lead	8.1	2	1.1	1.4	1.3	12	1	1.1	1.0	2	12	14	14%	0	0%	0%	0	0%	0%
Mercury	0.025	0	--	--	--	14	0.5	0.5	0.5	0	14	14	--	0	--	0%	14	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	12	0.0070	2.4	0.44	8	0.00677	0.00846	0.0071	12	8	20	60%	12	100%	60%	8	100%	40%

**Table 4  
South Lake Union Study Area  
Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>Melrose &amp; Pine Development (EIM Study ID &amp; Name: VCNW2834 - Melrose and Pine Development)</b>																			
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	1	2,300	2,300	2,300	27	50	900	259	1	27	28	4%	1	100%	4%	1	4%	4%
Gasoline	800	1	4,800	4,800	4,800	16	2	100	94	1	16	17	6%	1	100%	6%	0	0%	0%
Heavy Oil	500	4	660	6,100	2,658	24	250	490	393	4	24	28	14%	4	100%	14%	0	0%	0%
<b>Modera Capitol Hill - (EIM Study ID &amp; Name: VCNW3015 - Pit Lot Capitol Hill (Modera Capitol Hill), Seattle, WA)</b>																			
<i>Metals</i>																			
Arsenic	0.14	13	1.27	8.61	4.3	2	1	1	1	13	2	15	87%	13	100%	87%	2	100%	13%
Cadmium	1.2	0	--	--	--	13	1	1	1	0	13	13	--	0	--	0%	0	0%	0%
Chromium	0.060	7	1.01	5.09	1.9	6	1	1	1	7	6	13	54%	7	100%	54%	6	100%	46%
Lead	8.1	2	2.1	3.62	2.9	11	1	1	1	2	11	13	15%	0	0%	0%	0	0%	0%
Mercury	0.025	0	--	--	--	13	0.1	0.1	0.1	0	13	13	--	0	--	0%	13	100%	100%
<b>NEPTUNE APARTMENTS proposed (EIM Study ID &amp; Name: VCNW2540 - Neptune Apartments, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	6	1	1	1	0	6	6	--	0	--	0%	0	0%	0%
Toluene	130	0	--	--	--	6	1	1	1	0	6	6	--	0	--	0%	6	100%	100%
Ethylbenzene	31	0	--	--	--	6	1	1	1	0	6	6	--	0	--	0%	0	0%	0%
Total Xylenes	1,000	0	--	--	--	6	3	3	3	0	6	6	--	0	--	0%	0	0%	0%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	2	50	160	105	4	50	50	50	2	4	6	33%	0	0%	0%	0	0%	0%
Gasoline	800	0	--	--	--	6	100	100	100	0	6	6	--	0	--	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	6	250	250	250	0	6	6	--	0	--	0%	0	0%	0%
<b>RED APPLE MARKET (EIM Study ID &amp; Name: VCNW0887 - Braeburn Condos (Formerly Red Apple Market) - Groundwater Investigation of Former Dry Cleaner Site)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	25	0.3	21	5.0	14	0.2	0.2	0.2	25	14	39	64%	11	44%	28%	14	100%	36%
TCE	0.7	0	--	--	--	39	0.2	0.2	0.2	0	39	39	--	0	--	0%	39	100%	100%
Vinyl Chloride	0.18	0	--	--	--	39	0.2	0.2	0.2	0	39	39	--	0	--	0%	39	100%	100%
<b>Rosen Property (EIM Study ID &amp; Name: VCNW1936 - Interurban Exchange 2 (Rosen Property), Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	4	18	24	21	2	1	1	1	4	2	6	67%	4	100%	67%	0	0%	0%
Toluene	130	6	1.5	28	16	0	--	--	--	6	0	6	100%	0	0%	0%	0	--	0%
Ethylbenzene	31	4	14	16	15	2	1	1	1	4	2	6	67%	0	0%	0%	0	0%	0%
Total Xylenes	1,000	5	1.9	33	22	1	2	2	2	5	1	6	83%	0	0%	0%	0	0%	0%
<i>Metals</i>																			
Lead	8.1	4	5	52	18	2	2	2	2	4	2	6	67%	2	50%	33%	0	0%	0%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	0	--	--	--	6	200	200	200	0	6	6	--	0	--	0%	0	0%	0%
Gasoline	800	10	100	1,700	600	2	100	100	100	10	2	12	83%	4	40%	33%	0	0%	0%
Heavy Oil	500	0	--	--	--	6	500	500	500	0	6	6	--	0	--	0%	0	0%	0%
<b>South Lake Union 293 Parcel A (EIM Study ID &amp; Name: VCNW2608 - South Lake Union 293 Parcel A, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	2	100%	100%
TCE	0.7	0	--	--	--	2	1	1	1	0	2	2	--	0	--	0%	2	100%	100%
Vinyl Chloride	0.18	0	--	--	--	2	0.2	0.2	0.2	0	2	2	--	0	--	0%	2	100%	100%

**Table 4**  
**South Lake Union Study Area**  
**Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>South Lake Union 293 Parcel A (EIM Study ID &amp; Name: VCNW2608 - South Lake Union 293 Parcel A, Seattle, WA)</b>																			
<i>Metals</i>																			
Arsenic	0.14	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	1	100%	100%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	0	--	--	--	2	0.0705	0.0705	0.071	0	2	2	--	0	--	0%	2	100%	100%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	1	150	150	150	1	50	50	50	1	1	2	50%	0	0%	0%	0	0%	0%
Heavy Oil	500	0	--	--	--	2	250	250	250	0	2	2	--	0	--	0%	0	0%	0%
Lead	8.1	0	--	--	--	1	1	1	1	0	1	1	--	0	--	0%	0	0%	0%
<b>TOSCO 25535330857 (EIM Study ID &amp; Name: VCNW1714 - ConocoPhillips 255353 (01396) (Tosco 25535330857) Westlake/Mercer Cleanup Project, Seattle, WA)</b>																			
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
<b>Benzene</b>	1.6	677	0.21	<b>14,000</b>	364	531	0.2	2.5	0.58	677	531	1,208	56%	588	87%	49%	450	85%	37%
<b>Toluene</b>	130	482	0.23	<b>30,500</b>	346	730	0.2	50	1.1	482	730	1,212	40%	61	13%	5%	699	96%	58%
<b>Ethylbenzene</b>	31	629	0.5	<b>4,800</b>	280	583	0.2	20	0.64	629	583	1,212	52%	305	48%	25%	483	83%	40%
<b>Total Xylenes</b>	1,000	527	0.3	<b>22,560</b>	1,359	682	0.5	300	3.7	527	682	1,209	44%	130	25%	11%	42	6%	3%
<i>Metals</i>																			
<b>Lead</b>	8.1	581	0.001	<b>7,810</b>	39	732	0.001	5	1.0	581	732	1,313	44%	149	26%	11%	41	6%	3%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	396	0.24	31,000	940	698	0.236	281	220	396	698	1,094	36%	153	39%	14%	57	8%	5%
Gasoline	800	776	50	186,000	6,858	436	50	500	55	776	436	1,212	64%	442	57%	36%	0	0%	0%
<b>Heavy Oil</b>	500	237	0.546	<b>28,800</b>	1,187	857	0.472	12,000	458	237	857	1,094	22%	77	32%	7%	143	17%	13%
<b>Troy Laundry Seattle (EIM Study ID &amp; Name: AODE8996 - Troy Laundry Property, Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	11	1.4	80	21	24	1	1	1	11	24	35	31%	9	82%	26%	24	100%	69%
TCE	0.7	19	1.2	19	10	16	1	1	1	19	16	35	54%	19	100%	54%	16	100%	46%
Vinyl Chloride	0.18	3	0.69	0.76	0.74	32	0.2	0.2	0.2	3	32	35	9%	3	100%	9%	32	100%	91%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	0	--	--	--	40	0.35	1	0.82	0	40	40	--	0	--	0%	11	28%	28%
Toluene	130	1	1.3	1.3	1.3	39	1	1	1	1	39	40	3%	0	0%	0%	39	100%	98%
Ethylbenzene	31	1	2.7	2.7	2.7	39	1	1	1	1	39	40	3%	0	0%	0%	0	0%	0%
Total Xylenes	1,000	2	1.1	10	5.6	32	2	3	2.9	2	32	34	6%	0	0%	0%	0	0%	0%
<i>Metals</i>																			
Arsenic	0.14	11	1.63	16.9	6.2	0	--	--	--	11	0	11	100%	11	100%	100%	0	--	0%
<b>Cadmium</b>	1.2	4	1.12	<b>28.7</b>	11.1	7	1	1	1	4	7	11	36%	3	75%	27%	0	0%	0%
Chromium	0.060	8	1.11	82.9	14	3	1	1	1	8	3	11	73%	8	100%	73%	3	100%	27%
Lead	8.1	9	1.66	2,100	311	2	1	1	1	9	2	11	82%	4	44%	36%	0	0%	0%
<b>Mercury</b>	0.0250	4	0.21	<b>23</b>	6.6	7	0.1	0.2	0.16	4	7	11	36%	4	100%	36%	7	100%	64%
<i>Polycyclic Aromatic Hydrocarbons</i>																			
cPAH TEQ (ND*0.5)	0.000016	0	--	--	--	10	0.0705	1.41	0.65	0	10	10	--	0	--	0%	10	100%	100%
<i>Petroleum Hydrocarbons.</i>																			
Diesel	500	21	68	5,200	758	12	50	50	50	21	12	33	64%	6	29%	18%	0	0%	0%
Gasoline	800	3	170	1,400	737	31	100	100	100	3	31	34	9%	1	33%	3%	0	0%	0%
Heavy Oil	500	7	310	8,200	2,114	26	250	250	250	7	26	33	21%	4	57%	12%	0	0%	0%

**Table 4  
South Lake Union Study Area  
Groundwater - Summary of Analytical Results**

Chemical	Screening Level	Detections				Non-Detects				Sample Summary				Detections			Non-Detects		
		Number of Detections	Min	Max	Avg	Number of Non-Detects	Min	Max	Avg	Total Detections	Total Non-Detects	Total Analyzed	% Detected	SL Exceedance	%Detect>SL	%Total>SL	SL Exceedance	%ND>SL	%Total>SL
<b>Unocal 5474 (EIM Study ID &amp; Name: VCNW1355 - Chevron Site #306533 (Unocal 5474) Seattle, WA)</b>																			
<i>Chlorinated Volatile Organic Compounds</i>																			
PCE	2.9	0	--	--	--	2	5	5	5	0	2	2	--	0	--	0%	2	100%	100%
TCE	0.7	0	--	--	--	2	5	5	5	0	2	2	--	0	--	0%	2	100%	100%
Vinyl Chloride	0.18	0	--	--	--	2	5	5	5	0	2	2	--	0	--	0%	0	0%	0%
<i>Benzene, Toluene, Ethylbenzene, and Xylenes</i>																			
Benzene	1.6	2	0.9	14	7.5	0	--	--	--	2	0	2	100%	1	50%	50%	0	--	0%
Toluene	130	2	3	22	13	0	--	--	--	2	0	2	100%	0	0%	0%	0	--	0%
Ethylbenzene	31	2	7	860	434	0	--	--	--	2	0	2	100%	1	50%	50%	0	--	0%
Total Xylenes	1,000	2	8	600	304	0	--	--	--	2	0	2	100%	0	0%	0%	2	--	100%
<i>Petroleum Hydrocarbons.</i>																			
Gasoline	800	2	2,100	9,500	5,800	0	--	--	--	2	0	2	100%	2	100%	100%	0	--	0%

All concentrations are in ug/L (micrograms per liter)  
 Screening Levels for all chemicals are Groundwater Protection of Sediment, except Petroleum Hydrocarbons.  
 Petroleum Hydrocarbons Screening Levels are MTCA Method A Cleanup Levels  
 Bold values indicate the highest detected concentration of analyte within the South Lake Union Study Area.

MTCA - Model Toxics Control Act  
 PCE - tetrachloroethene or tetrachloroethylene  
 TCE - trichloroethene or trichloroethylene  
 SL - Screening Level  
 -- not applicable

**Table 5**  
**South Lake Union Study Area**  
**Chlorinated Volatile Organic Compounds - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>PCE Screening Level - 0.0016 mg/kg</b>						
6153541	Aoki Property	11/14/2008	620	Y	387,540	Y
19135499	TROY LAUNDRY SEATTLE	10/7/2010	450	Y	281,279	Y
3573	American Linen Supply Co Dexter Ave	3/29/2013	57	Y	35,629	Y
89512719	Greyhound Lines Inc Seattle 780013	5/23/2008	0.79	Y	494	Y
18615	Creases Dry Cleaner	1/15/2015	0.522	Y	326	Y
18780	Equinox Apartments	4/13/2007	0.18	Y	113	Y
15119	400 Fairview LLC Seattle	6/1/2012	0.069	Y	43	Y
19323	202 Westlake Office Building	3/13/2012	0.035	Y	22	Y
2593	IRIS Holding LLC	7/6/2010	0.01	Y	6.3	Y
11412	Melrose & Pine Development	11/16/2011	0.003	Y	1.9	Y
46445373	TOSCO 25535330857	7/26/2007	2.53 U	N	1,581	Y
1393421	Westlake Chevrolet	5/10/2013	1.3 U	N	813	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	4/11/2012	0.178 U	N	111	Y
84772579	Japanese Auto Clinic	8/27/2007	0.085 U	N	53	Y
15148	Block 26 W City Place II LLC	3/12/2009	0.05 U	N	31	Y
33641566	BMW SEATTLE PIKE ST	3/18/2014	0.05 U	N	31	Y
16746	City Place IV Block 34	10/16/2008	0.05 U	N	31	Y
19790	Cue Apartment Property	6/2/2014	0.05 U	N	31	Y
59168749	KENNEY PROPERTY	3/16/2007	0.05 UJ	N	31	Y
59162297	Fat City Inc Seattle (8th & Thomas)	10/2/2012	0.0409 U	N	26	Y
20345	525 Boren Building	12/11/2012	0.025 U	N	16	Y
14584	Art Stable Building	12/17/2009	0.025 U	N	16	Y
16694	Inhabit Eastlake	8/30/2013	0.025 U	N	16	Y
11720	South Lake Union 293 Parcel A	2/28/2012	0.025 U	N	16	Y
17031	Block 19 7th and Lenora	2/20/2012	0.0236 U	N	15	Y
2500	Rosen Property	5/5/2008	0.02 U	N	13	Y
95373825	WA UW 815 Mercer	7/21/2006	0.01 U	N	6.3	Y
9475	Taylor and Denny New Building	9/28/2012	0.008 U	N	5.0	Y
21907	Fifth and Broad Property	10/28/2013	0.00087 U	N	<1	--
3573	American Linen Supply Co Dexter Ave	41361	0.96	Y	3,603	Y

**Table 5**  
**South Lake Union Study Area**  
**Chlorinated Volatile Organic Compounds - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>TCE Screening Level - 0.00027 mg/kg</b>						
15119	400 Fairview LLC Seattle	41061	0.6	Y	2,252	Y
18615	Creases Dry Cleaner	42019	0.503	Y	1,888	Y
19135499	TROY LAUNDRY SEATTLE	41830	0.24	Y	901	Y
6153541	Aoki Property	39769	0.042	Y	158	Y
89512719	Greyhound Lines Inc Seattle 780013	41220	0.031	Y	116	Y
11412	Melrose & Pine Development	40867	0.0045	Y	17	Y
46445373	TOSCO 25535330857	39289	2.53 U	N	9,495	Y
1393421	Westlake Chevrolet	41404	1.3 U	N	4,879	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	41010	0.268 U	N	1,006	Y
84772579	Japanese Auto Clinic	39321	0.085 U	N	319	Y
59162297	Fat City Inc Seattle (8th & Thomas)	41184	0.0613 U	N	230	Y
17031	Block 19 7th and Lenora	40959	0.0354 U	N	133	Y
18780	Equinox Apartments	39185	0.035 U	N	131	Y
19323	202 Westlake Office Building	40981	0.03 U	N	113	Y
20345	525 Boren Building	41254	0.03 U	N	113	Y
14584	Art Stable Building	40164	0.03 U	N	113	Y
16694	Inhabit Eastlake	41516	0.03 U	N	113	Y
2500	Rosen Property	39573	0.03 U	N	113	Y
11720	South Lake Union 293 Parcel A	40967	0.03 U	N	113	Y
15148	Block 26 W City Place II LLC	39884	0.02 U	N	75	Y
33641566	BMW SEATTLE PIKE ST	41716	0.02 U	N	75	Y
16746	City Place IV Block 34	39737	0.02 U	N	75	Y
19790	Cue Apartment Property	41792	0.02 U	N	75	Y
59168749	KENNEY PROPERTY	39157	0.02 UJ	N	75	Y
2593	IRIS Holding LLC	38931	0.01 U	N	38	Y
95373825	WA UW 815 Mercer	38919	0.01 U	N	38	Y
<b>Vinyl Chloride Screening Level - 0.000055 mg/kg</b>						
19135499	TROY LAUNDRY SEATTLE	7/10/2014	0.4	Y	7,280	Y
18615	Creases Dry Cleaner	1/15/2015	0.0183	Y	333	Y
89512719	Greyhound Lines Inc Seattle 780013	12/4/2012	0.011	Y	200	Y

**Table 5**  
**South Lake Union Study Area**  
**Chlorinated Volatile Organic Compounds - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Vinyl Chloride Screening Level - 0.000055 mg/kg</b>						
6153541	Aoki Property	11/14/2008	10 U	N	181,990	Y
46445373	TOSCO 25535330857	7/26/2007	2.53 U	N	46,044	Y
1393421	Westlake Chevrolet	5/10/2013	1.3 U	N	23,659	Y
3573	American Linen Supply Co Dexter Ave	3/25/2013	0.5 U	N	9,100	Y
84772579	Japanese Auto Clinic	8/27/2007	0.085 U	N	1,547	Y
15119	400 Fairview LLC Seattle	6/1/2012	0.065 U	N	1,183	Y
11412	Melrose & Pine Development	11/17/2011	0.065 U	N	1,183	Y
19323	202 Westlake Office Building	3/13/2012	0.05 U	N	910	Y
20345	525 Boren Building	12/11/2012	0.05 U	N	910	Y
14584	Art Stable Building	12/17/2009	0.05 U	N	910	Y
15148	Block 26 W City Place II LLC	3/12/2009	0.05 U	N	910	Y
33641566	BMW SEATTLE PIKE ST	3/18/2014	0.05 U	N	910	Y
16746	City Place IV Block 34	10/16/2008	0.05 U	N	910	Y
19790	Cue Apartment Property	6/2/2014	0.05 U	N	910	Y
16694	Inhabit Eastlake	8/30/2013	0.05 U	N	910	Y
59168749	KENNEY PROPERTY	3/16/2007	0.05 UJ	N	910	Y
11720	South Lake Union 293 Parcel A	2/28/2012	0.05 U	N	910	Y
18780	Equinox Apartments	4/13/2007	0.035 U	N	637	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	4/11/2012	0.0178 U	N	324	Y
2593	IRIS Holding LLC	8/2/2006	0.01 U	N	182	Y
95373825	WA UW 815 Mercer	7/21/2006	0.01 U	N	182	Y
59162297	Fat City Inc Seattle (8th & Thomas)	10/2/2012	0.00409 U	N	74	Y
17031	Block 19 7th and Lenora	2/20/2012	0.00236 U	N	43	Y
2500	Rosen Property	5/5/2008	0 U	N	<1	--

Screening Levels are Soil Protection of Groundwater for Saturated Zone.

mg/kg - milligrams per kilogram

PCE - tetrachloroethene or tetrachloroethylene

TCE - trichloroethene or trichloroethylene

U - not detected

UJ - not detected, estimated reporting limit

**Table 6**  
**South Lake Union Study Area**  
**Chlorinated Volatile Organic Compounds - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events				Highest Detection - Most Recent				Concentration - Most Recent Event				
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>PCE Screening Level - 2.9 ug/L</b>														
3573	American Linen Supply Co Dexter Ave	3/28/2013	230,000	79,310	Y	2/2/2016	1,500	517	Y	2/2/2016	1,500	Y	517	Y
6153541	Aoki Property	5/17/2012	8,300	2,862	Y	5/18/2016	1,100	379	Y	5/18/2016	1,100	Y	379	Y
18780	Equinox Apartments	4/16/2007	4,000	1,379	Y	12/15/2010	0.27	<1	N	12/15/2010	0.27	Y	<1	N
19135499	TROY LAUNDRY SEATTLE	10/7/2010	80	28	Y	12/11/2012	15	5.2	Y	12/11/2012	15	Y	5.2	Y
15119	400 Fairview LLC Seattle	6/7/2012	42	14	Y	9/16/2013	33	11	Y	9/16/2013	33	Y	11	Y
53527421	RED APPLE MARKET	9/29/2005	21	7.2	Y	9/11/2007	4.9	1.7	Y	9/11/2007	4.9	Y	1.7	Y
18615	Creases Dry Cleaner	9/17/2013	17	5.9	Y	9/17/2013	17	5.9	Y	5/8/2014	1 U	N	<1	N
20345	525 Boren Building	12/10/2012	1.8	<1	N	12/10/2012	1.8	<1	N	12/11/2012	1 U	N	<1	N
89512719	Greyhound Lines Inc Seattle 780013	5/28/2008	0.24	<1	N	5/28/2008	0.24	<1	N	11/21/2014	0.2 U	N	<1	N
19323	202 Westlake Office Building	2/28/2012	0.2	<1	N	2/28/2012	0.2	<1	N	2/28/2012	0.2	Y	<1	N
88917423	UNOCAL 5474	--	--	--	--	--	--	--	--	3/17/2008	5 U	N	1.7	Y
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	2 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	1 U	N	<1	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	1 U	N	<1	N
16694	Inhabit Eastlake	--	--	--	--	--	--	--	--	8/30/2013	1 U	N	<1	N
11412	Melrose & Pine Development	--	--	--	--	--	--	--	--	6/18/2014	1 U	N	<1	N
11720	South Lake Union 293 Parcel A	--	--	--	--	--	--	--	--	2/29/2012	1 U	N	<1	N
19135499	TROY LAUNDRY SEATTLE	--	--	--	--	--	--	--	--	12/21/2012	1 U	N	<1	N
31325769	Jiffy Lube Store 2077	--	--	--	--	--	--	--	--	6/29/2009	0.5 U	N	<1	N
<b>TCE Screening Level - 0.7 ug/L</b>														
3573	American Linen Supply Co Dexter Ave	12/11/2015	5,100	7,286	Y	2/2/2016	330	471	Y	2/2/2016	330	Y	471	Y
15119	400 Fairview LLC Seattle	6/7/2012	730	1,043	Y	9/16/2013	460	657	Y	9/16/2013	460	Y	657	Y
6153541	Aoki Property	1/5/2007	30	43	Y	5/18/2016	1.2	1.7	Y	5/18/2016	1.2	Y	1.7	Y
18615	Creases Dry Cleaner	9/17/2013	22	31	Y	9/17/2013	22	31	Y	5/8/2014	0.5 U	N	<1	N
19135499	TROY LAUNDRY SEATTLE	10/17/2011	19	27	Y	12/21/2012	7.2	10	Y	12/21/2012	7.2	Y	10	Y
18780	Equinox Apartments	3/3/2005	11	16	Y	3/14/2010	0.71	1.0	Y	12/15/2010	0.2 U	N	<1	N
19323	202 Westlake Office Building	2/28/2012	0.58	<1	N	2/28/2012	0.58	<1	N	2/28/2012	0.58	Y	<1	N
88917423	UNOCAL 5474	--	--	--	--	--	--	--	--	3/17/2008	5 U	N	7.1	Y
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	2 U	N	2.9	Y
20345	525 Boren Building	--	--	--	--	--	--	--	--	12/11/2012	1 U	N	1.4	Y
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	1 U	N	1.4	Y
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	1 U	N	1.4	Y
89512719	Greyhound Lines Inc Seattle 780013	--	--	--	--	--	--	--	--	7/8/2014	1 U	N	1.4	Y
16694	Inhabit Eastlake	--	--	--	--	--	--	--	--	8/30/2013	1 U	N	1.4	Y
11412	Melrose & Pine Development	--	--	--	--	--	--	--	--	6/18/2014	1 U	N	1.4	Y
11720	South Lake Union 293 Parcel A	--	--	--	--	--	--	--	--	2/29/2012	1 U	N	1.4	Y
31325769	Jiffy Lube Store 2077	--	--	--	--	--	--	--	--	6/29/2009	0.5 U	N	<1	N
53527421	RED APPLE MARKET	--	--	--	--	--	--	--	--	9/11/2007	0.2 U	N	<1	N
<b>Vinyl Chloride Screening Level - 0.18 ug/L</b>														
3573	American Linen Supply Co Dexter Ave	1/8/2016	7,500	41,667	Y	2/1/2016	2,800	15,556	Y	2/1/2016	2,800	Y	15,556	Y
18615	Creases Dry Cleaner	9/17/2013	15	83	Y	5/8/2014	0.87	4.8	Y	5/8/2014	0.87	Y	4.8	Y
19135499	TROY LAUNDRY SEATTLE	10/12/2011	0.76	4.2	Y	12/11/2012	0.69	3.8	Y	12/11/2012	0.69	Y	3.8	Y
6153541	Aoki Property	--	--	--	--	--	--	--	--	5/18/2016	10 U	N	56	Y



**Table 6**  
**South Lake Union Study Area**  
**Chlorinated Volatile Organic Compounds - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events				Highest Detection - Most Recent				Concentration - Most Recent Event				
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>Vinyl Chloride Screening Level - 0.18 ug/L</b>														
88917423	UNOCAL 5474	--	--	--	--	--	--	--	--	3/17/2008	5 U	N	28	Y
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	9/16/2013	4 U	N	22	Y
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	1 U	N	5.6	Y
31325769	Jiffy Lube Store 2077	--	--	--	--	--	--	--	--	6/29/2009	0.5 U	N	2.8	Y
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	0.2 U	N	1.1	Y
20345	525 Boren Building	--	--	--	--	--	--	--	--	12/11/2012	0.2 U	N	1.1	Y
53527421	RED APPLE MARKET	--	--	--	--	--	--	--	--	9/11/2007	0.2 U	N	1.1	Y
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	0.2 U	N	1.1	Y
18780	Equinox Apartments	--	--	--	--	--	--	--	--	12/15/2010	0.2 U	N	1.1	Y
89512719	Greyhound Lines Inc Seattle 780013	--	--	--	--	--	--	--	--	7/8/2014	0.2 U	N	1.1	Y
16694	Inhabit Eastlake	--	--	--	--	--	--	--	--	8/30/2013	0.2 U	N	1.1	Y
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	0.2 U	N	1.1	Y
11412	Melrose & Pine Development	--	--	--	--	--	--	--	--	6/18/2014	0.2 U	N	1.1	Y
11720	South Lake Union 293 Parcel A	--	--	--	--	--	--	--	--	2/29/2012	0.2 U	N	1.1	Y

Screening Levels are Groundwater Protection of Sediment.

ug/L - micrograms per liter

PCE - tetrachloroethene or tetrachloroethylene

TCE - trichloroethene or trichloroethylene

U - not detected

-- not applicable

**Table 7**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Benzene Screening Level - 0.00056 mg/kg</b>						
46445373	TOSCO 25535330857	10/18/2005	174	Y	311,902	Y
2593	IRIS Holding LLC	10/10/2011	110	Y	197,180	Y
95373825	WA UW 815 Mercer	7/21/2006	22	Y	39,436	Y
89512719	Greyhound Lines Inc Seattle 780013	5/20/2008	8.9	Y	15,954	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	7/18/2013	3.03	Y	5,431	Y
84772579	Japanese Auto Clinic	4/9/2008	1.6	Y	2,868	Y
1996895	Freymuller Enterprises Inc	5/10/2013	1	Y	1,793	Y
21907	Fifth and Broad Property	4/3/2013	0.3	Y	538	Y
9475	Taylor and Denny New Building	1/4/2013	0.28	Y	502	Y
8826590	Tax Parcel 069600-0025	7/27/2012	0.23	Y	412	Y
66184117	ELEPHANT CAR WASH UST 4919	12/9/2013	0.16	Y	287	Y
91413494	Lenora Building	8/14/2015	0.16	Y	287	Y
2500	Rosen Property	6/30/2008	0.11	Y	197	Y
3573	American Linen Supply Co Dexter Ave	4/4/2013	0.059	Y	106	Y
18615	Creases Dry Cleaner	9/26/2013	0.032	Y	57	Y
13703	Weiss Jenkins XIII Site	11/11/2008	3 U	N	5,378	Y
1393421	Westlake Chevrolet	5/10/2013	1.3 U	N	2,330	Y
19135499	TROY LAUNDRY SEATTLE	9/19/2014	1 U	N	1,793	Y
19323	202 Westlake Office Building	7/23/2006	0.8 U	N	1,434	Y
14584	Art Stable Building	10/28/2008	0.3 U	N	538	Y
18780	Equinox Apartments	8/8/2007	0.2 U	N	359	Y
16694	Inhabit Eastlake	6/6/2015	0.2 U	N	359	Y
11412	Melrose & Pine Development	11/17/2011	0.065 U	N	117	Y
609006	BRE Properties Inc	7/25/2007	0.062 U	N	111	Y
59162297	Fat City Inc Seattle (8th & Thomas)	10/2/2012	0.0409 U	N	73	Y
84878976	NETTLETON APTS	1/10/2012	0.03 UJ	N	54	Y
92673819	YALE ST PARKING GARAGE	8/20/2015	0.03 U	N	54	Y
11720	South Lake Union 293 Parcel A	4/29/2013	0.03 U	N	54	Y
17031	Block 19 7th and Lenora	2/20/2012	0.0236 U	N	42	Y
15119	400 Fairview LLC Seattle	11/17/2011	0.02 U	N	36	Y

**Table 7**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Benzene Screening Level - 0.00056 mg/kg</b>						
6153541	Aoki Property	11/13/2008	0.02 U	N	36	Y
15148	Block 26 W City Place II LLC	3/12/2009	0.02 U	N	36	Y
33641566	BMW SEATTLE PIKE ST	3/18/2014	0.02 U	N	36	Y
16746	City Place IV Block 34	10/16/2008	0.02 U	N	36	Y
19790	Cue Apartment Property	6/10/2014	0.02 U	N	36	Y
22102	ENSO 2201 Westlake	4/27/2007	0.02 UJ	N	36	Y
45618198	Foley Sign Co Inc	5/10/2007	0.02 U	N	36	Y
31325769	Jiffy Lube Store 2077	1/28/2007	0.02 U	N	36	Y
59168749	KENNEY PROPERTY	3/16/2007	0.02 UJ	N	36	Y
800946	West 8th Building	8/14/2007	0.02 U	N	36	Y
9607339	Marlborough House	10/11/2011	0.0186 U	N	33	Y
<b>Toluene Screening Level - 0.055 mg/kg</b>						
46445373	TOSCO 25535330857	12/13/2006	533	Y	9,609	Y
2593	IRIS Holding LLC	10/10/2011	430	Y	7,752	Y
89512719	Greyhound Lines Inc Seattle 780013	5/20/2008	110	Y	1,983	Y
84772579	Japanese Auto Clinic	3/12/2008	49	Y	883	Y
95373825	WA UW 815 Mercer	7/21/2006	38	Y	685	Y
1393421	Westlake Chevrolet	5/10/2013	29	Y	523	Y
59168749	KENNEY PROPERTY	5/1/2007	18	Y	325	Y
19323	202 Westlake Office Building	7/23/2006	6.1	Y	110	Y
8826590	Tax Parcel 069600-0025	3/9/2012	4.9	Y	88	Y
91413494	Lenora Building	8/14/2015	3.3	Y	59	Y
84878976	NETTLETON APTS	1/10/2012	2.8	Y	50	Y
2500	Rosen Property	6/30/2008	2.4	Y	43	Y
66184117	ELEPHANT CAR WASH UST 4919	12/9/2013	0.8	Y	14	Y
1996895	Freytmuller Enterprises Inc	5/2/2013	0.63	Y	11	Y
11412	Melrose & Pine Development	11/17/2011	0.46	Y	8.3	Y
3573	American Linen Supply Co Dexter Ave	4/4/2013	0.41	Y	7.4	Y
19135499	TROY LAUNDRY SEATTLE	10/22/2014	0.21	Y	3.8	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	7/11/2013	0.181	Y	3.3	Y

**Table 7**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Toluene Screening Level - 0.055 mg/kg</b>						
15148	Block 26 W City Place II LLC	3/12/2009	0.17	Y	3.1	Y
16746	City Place IV Block 34	2/19/2009	0.17	Y	3.1	Y
21907	Fifth and Broad Property	4/3/2013	0.16	Y	2.9	Y
18615	Creases Dry Cleaner	1/7/2015	0.135	Y	2.4	Y
19790	Cue Apartment Property	6/2/2014	0.12	Y	2.2	Y
9475	Taylor and Denny New Building	1/4/2013	0.12	Y	2.2	Y
11720	South Lake Union 293 Parcel A	4/29/2013	0.073	Y	1.3	Y
92673819	YALE ST PARKING GARAGE	8/20/2015	0.021	Y	<1	N
609006	BRE Properties Inc	7/30/2007	0.0031	Y	<1	N
13703	Weiss Jenkins XIII Site	11/11/2008	5 U	N	90	Y
14584	Art Stable Building	10/28/2008	0.5 U	N	9.0	Y
16694	Inhabit Eastlake	6/6/2015	0.2 U	N	3.6	Y
31325769	Jiffy Lube Store 2077	1/28/2007	0.09 U	N	1.6	Y
18780	Equinox Apartments	8/2/2007	0.078 U	N	1.4	Y
15119	400 Fairview LLC Seattle	11/4/2013	0.064 U	N	1.2	Y
33641566	BMW SEATTLE PIKE ST	3/18/2014	0.05 U	N	<1	N
22102	ENSO 2201 Westlake	4/27/2007	0.05 UJ	N	<1	N
45618198	Foley Sign Co Inc	5/10/2007	0.05 U	N	<1	N
59162297	Fat City Inc Seattle (8th & Thomas)	10/2/2012	0.0409 U	N	<1	N
17031	Block 19 7th and Lenora	2/20/2012	0.0236 U	N	<1	N
6153541	Aoki Property	11/13/2008	0.02 U	N	<1	N
800946	West 8th Building	8/14/2007	0.02 U	N	<1	N
9607339	Marlborough House	10/11/2011	0.0186 U	N	<1	N
<b>Ethylbenzene Screening Level - 0.015 mg/kg</b>						
46445373	TOSCO 25535330857	10/18/2005	440	Y	28,927	Y
2593	IRIS Holding LLC	10/10/2011	160	Y	10,519	Y
89512719	Greyhound Lines Inc Seattle 780013	5/20/2008	49	Y	3,221	Y
16694	Inhabit Eastlake	6/6/2015	33	Y	2,170	Y
84772579	Japanese Auto Clinic	3/12/2008	29	Y	1,907	Y
19135499	TROY LAUNDRY SEATTLE	3/25/2014	24	Y	1,578	Y

**Table 7**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Ethylbenzene Screening Level - 0.015 mg/kg</b>						
95373825	WA UW 815 Mercer	7/21/2006	23	Y	1,512	Y
59168749	KENNEY PROPERTY	5/1/2007	21	Y	1,381	Y
1393421	Westlake Chevrolet	5/10/2013	18	Y	1,183	Y
19323	202 Westlake Office Building	7/23/2006	17	Y	1,118	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	6/11/2013	13.3	Y	874	Y
16746	City Place IV Block 34	2/19/2009	11	Y	723	Y
9475	Taylor and Denny New Building	1/4/2013	10	Y	657	Y
11412	Melrose & Pine Development	9/4/2014	8.1	Y	533	Y
2500	Rosen Property	6/30/2008	5.4	Y	355	Y
1996895	Freytmuller Enterprises Inc	5/2/2013	4.3	Y	283	Y
1393421	Westlake Chevrolet	5/10/2013	4.2	Y	276	Y
21907	Fifth and Broad Property	4/3/2013	4	Y	263	Y
21907	Fifth and Broad Property	4/4/2013	3.4	Y	224	Y
8826590	Tax Parcel 069600-0025	3/9/2012	3.3	Y	217	Y
91413494	Lenora Building	8/14/2015	3.2	Y	210	Y
11720	South Lake Union 293 Parcel A	4/29/2013	2.2	Y	145	Y
19323	202 Westlake Office Building	3/16/2012	1.41	Y	93	Y
3573	American Linen Supply Co Dexter Ave	4/4/2013	1.2	Y	79	Y
66184117	ELEPHANT CAR WASH UST 4919	12/9/2013	0.75	Y	49	Y
15119	400 Fairview LLC Seattle	11/4/2013	0.44	Y	29	Y
14584	Art Stable Building	10/28/2008	0.2	Y	13	Y
19790	Cue Apartment Property	6/2/2014	0.17	Y	11	Y
15148	Block 26 W City Place II LLC	3/12/2009	0.14	Y	9.2	Y
18615	Creases Dry Cleaner	1/7/2015	0.09	Y	5.9	Y
609006	BRE Properties Inc	7/25/2007	0.082	Y	5.4	Y
92673819	YALE ST PARKING GARAGE	8/20/2015	0.031	Y	2.0	Y
13703	Weiss Jenkins XIII Site	11/11/2008	5 U	N	329	Y
84878976	NETTLETON APTS	1/10/2012	1 U	N	66	Y
31325769	Jiffy Lube Store 2077	1/28/2007	0.09 U	N	5.9	Y
18780	Equinox Apartments	8/2/2007	0.078 U	N	5.1	Y

**Table 7**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Ethylbenzene Screening Level - 0.015 mg/kg</b>						
59162297	Fat City Inc Seattle (8th & Thomas)	10/2/2012	0.0613 U	N	4.0	Y
33641566	BMW SEATTLE PIKE ST	2/14/2014	0.05 U	N	3.3	Y
22102	ENSO 2201 Westlake	4/27/2007	0.05 UJ	N	3.3	Y
45618198	Foley Sign Co Inc	5/4/2007	0.05 U	N	3.3	Y
17031	Block 19 7th and Lenora	2/20/2012	0.0354 U	N	2.3	Y
9607339	Marlborough House	10/11/2011	0.0279 U	N	1.8	Y
6153541	Aoki Property	11/13/2008	0.02 U	N	1.3	Y
800946	West 8th Building	2/19/2007	0.02 U	N	1.3	Y
<b>Total Xylenes Screening Level - 0.83 mg/kg</b>						
46445373	TOSCO 25535330857	12/13/2006	1,100	Y	1,323	Y
2593	IRIS Holding LLC	10/10/2011	870	Y	1,046	Y
84772579	Japanese Auto Clinic	3/12/2008	360	Y	433	Y
89512719	Greyhound Lines Inc Seattle 780013	5/20/2008	230	Y	277	Y
59168749	KENNEY PROPERTY	5/1/2007	150	Y	180	Y
19323	202 Westlake Office Building	7/23/2006	82	Y	99	Y
16694	Inhabit Eastlake	6/6/2015	62	Y	75	Y
95373825	WA UW 815 Mercer	6/17/2006	53.4	Y	64	Y
19135499	TROY LAUNDRY SEATTLE	3/25/2014	52	Y	63	Y
11720	South Lake Union 293 Parcel A	4/29/2013	30	Y	36	Y
1996895	Freymuller Enterprises Inc	5/2/2013	22	Y	26	Y
9475	Taylor and Denny New Building	11/7/2012	22	Y	26	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	6/11/2013	19.371	Y	23	Y
2500	Rosen Property	6/30/2008	19	Y	23	Y
91413494	Lenora Building	8/14/2015	18.5	Y	22	Y
8826590	Tax Parcel 069600-0025	3/9/2012	18	Y	22	Y
11412	Melrose & Pine Development	11/17/2011	16.5	Y	20	Y
21907	Fifth and Broad Property	2/16/2004	4.7	Y	5.7	Y
84878976	NETTLETON APTS	1/10/2012	4.6	Y	5.5	Y
3573	American Linen Supply Co Dexter Ave	4/4/2013	3.6	Y	4.3	Y
16746	City Place IV Block 34	2/19/2009	2.9	Y	3.5	Y

**Table 7**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Total Xylenes Screening Level - 0.83 mg/kg</b>						
66184117	ELEPHANT CAR WASH UST 4919	12/9/2013	1.4	Y	1.7	Y
18615	Creases Dry Cleaner	1/7/2015	1.164	Y	1.4	Y
609006	BRE Properties Inc	7/25/2007	1.13	Y	1.4	Y
19790	Cue Apartment Property	6/2/2014	1	Y	1.2	Y
15119	400 Fairview LLC Seattle	11/4/2013	0.79	Y	<1	N
18780	Equinox Apartments	8/2/2007	0.52	Y	<1	N
45618198	Foley Sign Co Inc	5/10/2007	0.41	Y	<1	N
92673819	YALE ST PARKING GARAGE	8/20/2015	0.089	Y	<1	N
1393421	Westlake Chevrolet	5/10/2013	0.086	Y	<1	N
15148	Block 26 W City Place II LLC	3/12/2009	0.077	Y	<1	N
59162297	Fat City Inc Seattle (8th & Thomas)	11/15/2012	0.055	Y	<1	N
13703	Weiss Jenkins XIII Site	11/11/2008	20 U	N	24	Y
31325769	Jiffy Lube Store 2077	1/28/2007	0.28 U	N	<1	N
14584	Art Stable Building	10/21/2008	0.2 U	N	<1	N
6153541	Aoki Property	11/13/2008	0.06 U	N	<1	N
800946	West 8th Building	8/14/2007	0.06 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	3/18/2014	0.05 U	N	<1	N
22102	ENSO 2201 Westlake	4/27/2007	0.05 UJ	N	<1	N
17031	Block 19 7th and Lenora	2/20/2012	0.0236 U	N	<1	N
9607339	Marlborough House	10/11/2011	0.0186 U	N	<1	N

Screening Levels are Soil Protection of Groundwater for Saturated Zone.

mg/kg - milligrams per kilogram

U - not detected

UJ - not detected, estimated reporting limit

**Table 8**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events				Highest Detection - Most Recent				Concentration - Most Recent Event				
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>Benzene Screening Level - 1.6 ug/L</b>														
46445373	TOSCO 25535330857	2/22/2006	14,000	8,750	Y	5/24/2010	719	449	Y	5/24/2010	1 U	N	<1	N
1996895	Freytmuller Enterprises Inc	5/7/2013	4,700	2,938	Y	6/5/2013	210	131	Y	6/5/2013	1 U	N	<1	N
89512719	Greyhound Lines Inc Seattle 780013	6/26/2008	690	431	Y	3/5/2013	240	150	Y	11/21/2014	0.2 U	N	<1	N
3573	American Linen Supply Co Dexter Ave	4/4/2013	100	63	Y	12/30/2013	3.5	2.2	Y	1/17/2014	3.5 U	N	2.2	Y
88917423	UNOCAL 5474	3/17/2008	14	8.8	Y	3/17/2008	14	8.8	Y	3/17/2008	14	Y	8.8	Y
16694	Inhabit Eastlake	8/5/2015	8.4	5.3	Y	8/5/2015	8.4	5.3	Y	8/31/2015	1 U	N	<1	N
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	2 U	N	1.3	Y
3279158	1214 8TH AVE	--	--	--	--	--	--	--	--	1/29/2015	1 U	N	<1	N
18615	Creases Dry Cleaner	--	--	--	--	--	--	--	--	5/8/2014	1 U	N	<1	N
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	1 U	N	<1	N
21907	Fifth and Broad Property	--	--	--	--	--	--	--	--	6/13/2016	1 U	N	<1	N
215799	ARE Seattle No 15 LLC	--	--	--	--	--	--	--	--	6/23/2010	1 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	1 U	N	<1	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	1 U	N	<1	N
18780	Equinox Apartments	--	--	--	--	--	--	--	--	12/15/2010	1 U	N	<1	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/4/2007	1 U	N	<1	N
16694	Inhabit Eastlake	--	--	--	--	--	--	--	--	8/31/2015	1 U	N	<1	N
2500	Rosen Property	--	--	--	--	--	--	--	--	5/8/2008	1 U	N	<1	N
91413494	Lenora Building	--	--	--	--	--	--	--	--	7/17/2015	1 U	N	<1	N
4345275	NEPTUNE APARTMENTS proposed	--	--	--	--	--	--	--	--	12/14/2012	1 U	N	<1	N
31325769	Jiffy Lube Store 2077	--	--	--	--	--	--	--	--	6/29/2009	0.5 U	N	<1	N
20345	525 Boren Building	--	--	--	--	--	--	--	--	12/11/2012	0.35 U	N	<1	N
11412	Melrose & Pine Development	--	--	--	--	--	--	--	--	6/18/2014	0.35 U	N	<1	N
19135499	TROY LAUNDRY SEATTLE	--	--	--	--	--	--	--	--	12/11/2012	0.35 U	N	<1	N
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	0.1 U	N	<1	N
<b>Toluene Screening Level - 130 ug/L</b>														
46445373	TOSCO 25535330857	2/22/2006	30,500	235	Y	5/23/2010	109	<1	N	5/23/2010	109	Y	<1	N
1996895	Freytmuller Enterprises Inc	5/20/2013	5,800	45	Y	6/5/2013	300	2.3	Y	6/5/2013	300	Y	2.3	Y
89512719	Greyhound Lines Inc Seattle 780013	9/9/2008	470	3.6	Y	1/16/2014	3	<1	N	7/8/2014	1 U	N	<1	N
16694	Inhabit Eastlake	8/5/2015	60	<1	N	8/5/2015	60	<1	N	8/5/2015	60	Y	<1	N
2500	Rosen Property	5/8/2008	28	<1	N	5/8/2008	28	<1	N	5/8/2008	28	Y	<1	N
88917423	UNOCAL 5474	3/17/2008	22	<1	N	3/17/2008	3 J	<1	N	3/17/2008	3 J	Y	<1	N
3573	American Linen Supply Co Dexter Ave	9/6/2012	12	<1	N	12/30/2013	2.4	<1	N	1/17/2014	10 U	N	<1	N
11412	Melrose & Pine Development	11/17/2011	6.1	<1	N	11/17/2011	6.1	<1	N	6/18/2014	1 U	N	<1	N
19135499	TROY LAUNDRY SEATTLE	5/27/2011	1.3	<1	N	5/27/2011	1.3	<1	N	12/11/2012	1 U	N	<1	N
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	5 U	N	<1	N
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	2 U	N	<1	N
3279158	1214 8TH AVE	--	--	--	--	--	--	--	--	1/29/2015	1 U	N	<1	N
18615	Creases Dry Cleaner	--	--	--	--	--	--	--	--	5/8/2014	1 U	N	<1	N
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	1 U	N	<1	N
20345	525 Boren Building	--	--	--	--	--	--	--	--	12/11/2012	1 U	N	<1	N
215799	ARE Seattle No 15 LLC	--	--	--	--	--	--	--	--	6/23/2010	1 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	1 U	N	<1	N



**Table 8**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events				Highest Detection - Most Recent				Concentration - Most Recent Event				
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>Toluene Screening Level - 130 ug/L</b>														
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	1 U	N	<1	N
18780	Equinox Apartments	--	--	--	--	--	--	--	--	12/15/2010	1 U	N	<1	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/4/2007	1 U	N	<1	N
91413494	Lenora Building	--	--	--	--	--	--	--	--	7/17/2015	1 U	N	<1	N
4345275	NEPTUNE APARTMENTS proposed	--	--	--	--	--	--	--	--	12/14/2012	1 U	N	<1	N
<b>Ethylbenzene Screening Level - 31 ug/L</b>														
46445373	TOSCO 25535330857	5/9/2006	4,800	155	Y	5/23/2010	687	22	Y	5/23/2010	687	Y	22	Y
1996895	Freytmuller Enterprises Inc	5/20/2013	1,500	48	Y	5/20/2013	1500	48	Y	5/20/2013	1500	Y	48	Y
88917423	UNOCAL 5474	3/17/2008	860	28	Y	3/17/2008	860	28	Y	3/17/2008	860	Y	28	Y
16694	Inhabit Eastlake	8/5/2015	110	3.5	Y	8/5/2015	110	3.5	Y	8/5/2015	110	Y	3.5	Y
3573	American Linen Supply Co Dexter Ave	4/4/2013	90	2.9	Y	12/30/2013	3.6	<1	N	1/17/2014	10 U	N	<1	N
89512719	Greyhound Lines Inc Seattle 780013	9/9/2008	82	2.6	Y	3/5/2013	21	<1	N	11/21/2014	0.2 U	N	<1	N
2500	Rosen Property	5/8/2008	16	<1	N	5/8/2008	16	<1	N	5/8/2008	16	Y	<1	N
11412	Melrose & Pine Development	11/17/2011	15	<1	N	11/17/2011	15	<1	N	6/18/2014	1 U	N	<1	N
19135499	TROY LAUNDRY SEATTLE	10/13/2011	2.7	<1	N	10/13/2011	2.7	<1	N	12/11/2012	1 U	N	<1	N
21907	Fifth and Broad Property	6/13/2016	1.3	<1	N	6/13/2016	1.3	<1	N	6/13/2016	1.3	Y	<1	N
31325769	Jiffy Lube Store 2077	6/29/2009	0.11 J	<1	N	6/29/2009	0.11 J	<1	N	6/29/2009	0.11 J	Y	<1	N
31325769	Jiffy Lube Store 2077	--	--	--	--	--	--	--	--	6/29/2009	0.5 U	N	<1	N
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	2 U	N	<1	N
3279158	1214 8TH AVE	--	--	--	--	--	--	--	--	1/29/2015	1 U	N	<1	N
18615	Creases Dry Cleaner	--	--	--	--	--	--	--	--	5/8/2014	1 U	N	<1	N
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	1 U	N	<1	N
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	1 U	N	<1	N
20345	525 Boren Building	--	--	--	--	--	--	--	--	12/11/2012	1 U	N	<1	N
215799	ARE Seattle No 15 LLC	--	--	--	--	--	--	--	--	6/23/2010	1 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	1 U	N	<1	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	1 U	N	<1	N
18780	Equinox Apartments	--	--	--	--	--	--	--	--	12/15/2010	1 U	N	<1	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/4/2007	1 U	N	<1	N
91413494	Lenora Building	--	--	--	--	--	--	--	--	7/17/2015	1 U	N	<1	N
4345275	NEPTUNE APARTMENTS proposed	--	--	--	--	--	--	--	--	12/14/2012	1 U	N	<1	N
<b>Total Xylenes Screening Level - 1,000 ug/L</b>														
46445373	TOSCO 25535330857	5/9/2006	22,560	22.56	Y	5/23/2010	6,990	6.99	Y	5/23/2010	6,990	Y	6.99	Y
1996895	Freytmuller Enterprises Inc	5/20/2013	12,000	12	Y	6/5/2013	2,900	2.9	Y	6/5/2013	2,900	Y	2.9	Y
88917423	UNOCAL 5474	3/17/2008	600	<1	N	3/17/2008	600	0.6	N	3/17/2008	600	Y	<1	N
16694	Inhabit Eastlake	8/5/2015	230	<1	N	8/5/2015	230	<1	N	8/5/2015	230	Y	<1	N
2500	Rosen Property	5/8/2008	33	<1	N	5/8/2008	33	<1	N	5/8/2008	33	Y	<1	N
20345	525 Boren Building	12/11/2012	7.3	<1	N	12/11/2012	7.3	<1	N	12/11/2012	7.3	Y	<1	N
21907	Fifth and Broad Property	6/13/2016	2.7	<1	N	6/13/2016	2.7	<1	N	6/13/2016	2.7	Y	<1	N
3573	American Linen Supply Co Dexter Ave	12/19/2013	144	<1	N	12/19/2013	144	<1	N	1/17/2014	20 U	N	<1	N
11412	Melrose & Pine Development	11/17/2011	87	<1	N	11/17/2011	87	<1	N	6/18/2014	2 U	N	<1	N
19135499	TROY LAUNDRY SEATTLE	10/13/2011	10	<1	N	10/13/2011	10	<1	N	12/11/2012	2 U	N	<1	N
89512719	Greyhound Lines Inc Seattle 780013	9/9/2008	800	<1	N	10/7/2014	0.2	<1	N	11/21/2014	0.4 U	N	<1	N

**Table 8**  
**South Lake Union Study Area**  
**BTEX - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events				Highest Detection - Most Recent				Concentration - Most Recent Event				
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>Total Xylenes Screening Level - 1,000 ug/L</b>														
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	4 U	N	<1	N
215799	ARE Seattle No 15 LLC	--	--	--	--	--	--	--	--	6/23/2010	3 U	N	<1	N
4345275	NEPTUNE APARTMENTS proposed	--	--	--	--	--	--	--	--	12/14/2012	3 U	N	<1	N
3279158	1214 8TH AVE	--	--	--	--	--	--	--	--	1/29/2015	1 U	N	<1	N
18615	Creases Dry Cleaner	--	--	--	--	--	--	--	--	5/8/2014	1 U	N	<1	N
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	1 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	1 U	N	<1	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	1 U	N	<1	N
18780	Equinox Apartments	--	--	--	--	--	--	--	--	12/15/2010	1 U	N	<1	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/4/2007	1 U	N	<1	N
31325769	Jiffy Lube Store 2077	--	--	--	--	--	--	--	--	5/17/2009	1 U	N	<1	N
91413494	Lenora Building	--	--	--	--	--	--	--	--	7/17/2015	1 U	N	<1	N

Screening Levels are Groundwater Protection of Sediment.

ug/L - micrograms per liter  
 J - estimated concentration  
 U - not detected  
 -- not applicable

**Table 9**  
**South Lake Union Study Area**  
**Metals - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Arsenic Screening Level - 0.0041 mg/kg</b>						
2593	IRIS Holding LLC	6/14/2010	48	Y	11,707	Y
11412	Melrose & Pine Development	11/16/2011	40	Y	9,756	Y
15148	Block 26 W City Place II LLC	11/13/2008	22	Y	5,366	Y
22102	Enso Property 2201 Westlake	3/21/2007	20	Y	4,878	Y
19135499	Troy Laundry Seattle	10/5/2011	19.3	Y	4,707	Y
89512719	Greyhound Lines Inc Seattle 780013	5/23/2008	19	Y	4,634	Y
21973	Modera Capitol Hill	2/11/2014	17.2	Y	4,195	Y
93116644	Budget Rent a Car of WA & OR Westlake, Seattle, WA	2/24/2012	17	Y	4,146	Y
2500	Rosen Property	5/5/2008	13	Y	3,171	Y
11720	South Lake Union 293 Parcel A	2/27/2012	12.8	Y	3,122	Y
59162297	Fat City Inc Seattle	10/1/2012	10.8	Y	2,634	Y
800946	West 8th Building	2/19/2007	9.2	Y	2,244	Y
95373825	WA UW 815 Mercer	5/4/2006	8	Y	1,951	Y
17031	Block 19 7th and Lenora	2/20/2012	7.49	Y	1,827	Y
1393421	Westlake Chevrolet	4/16/2013	6.8 J	Y	1,658	Y
16746	City Place IV Block 34	2/23/2009	4	Y	976	Y
20345	525 Boren Building	12/10/2012	3.23	Y	788	Y
3573	American Linen Supply Co Dexter Ave, Seattle, WA	3/22/2013	1.81	Y	441	Y
19790	Cue Apartment Property	6/2/2014	1 U	N	244	Y
59168749	Kenney Property	3/13/2007	2 U	N	488	Y
84772579	Japanese Auto Clinic	8/27/2007	11 U	N	2,683	Y
18780	Equinox Apartments	4/13/2007	12 U	N	2,927	Y
<b>Cadmium Screening Level - 0.055 mg/kg</b>						
21973	Modera Capitol Hill	2/12/2015	11.5	Y	208	Y
2593	IRIS Holding LLC	6/14/2010	11	Y	199	Y
19135499	TROY LAUNDRY SEATTLE	10/5/2011	7.72	Y	140	Y
2500	Rosen Property	5/5/2008	2.4	Y	43	Y
18780	Equinox Apartments	8/2/2007	2.2	Y	40	Y
1393421	Westlake Chevrolet	4/16/2013	1.3	Y	24	Y
33641566	BMW SEATTLE PIKE ST	2/25/2014	1.3	Y	24	Y

**Table 9**  
**South Lake Union Study Area**  
**Metals - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Cadmium Screening Level - 0.055 mg/kg</b>						
800946	West 8th Building	2/19/2007	1.05	Y	19	Y
89512719	Greyhound Lines Inc Seattle 780013	5/20/2008	0.96	Y	17	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	4/11/2012	0.651	Y	12	Y
95373825	WA UW 815 Mercer	5/4/2006	0.5	Y	9.1	Y
17031	Block 19 7th and Lenora	2/20/2012	0.42	Y	7.6	Y
59162297	Fat City Inc Seattle (8th & Thomas)	10/1/2012	0.281	Y	5.1	Y
20345	525 Boren Building	12/11/2012	1 U	N	18	Y
3573	American Linen Supply Co Dexter Ave	3/22/2013	1 U	N	18	Y
15148	Block 26 W City Place II LLC	3/12/2009	1 U	N	18	Y
16746	City Place IV Block 34	10/16/2008	1 U	N	18	Y
19790	Cue Apartment Property	6/2/2014	1 U	N	18	Y
45618198	Foley Sign Co Inc	5/20/2011	0.173 U	N	3	Y
84772579	Japanese Auto Clinic	8/29/2007	0.57 U	N	10	Y
11412	Melrose & Pine Development	11/2/2011	0.61 U	N	11	Y
59168749	KENNEY PROPERTY	3/13/2007	1 U	N	18	Y
11720	South Lake Union 293 Parcel A	2/28/2012	1 U	N	18	Y
<b>Chromium Screening Level - 49,320 mg/kg</b>						
59162297	Fat City Inc Seattle	10/1/2012	134	Y	<1	N
2500	Rosen Property	5/5/2008	130	Y	<1	N
19135499	TROY LAUNDRY SEATTLE	10/5/2011	112	Y	<1	N
2593	IRIS Holding LLC	5/22/2007	110	Y	<1	N
17031	Block 19 7th and Lenora	2/20/2012	108	Y	<1	N
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	2/22/2012	88	Y	<1	N
11412	Melrose & Pine Development	11/16/2011	67	Y	<1	N
89512719	Greyhound Lines Inc Seattle 780013	5/20/2008	59	Y	<1	N
16746	City Place IV Block 34	2/23/2009	43	Y	<1	N
18780	Equinox Apartments	8/8/2007	43	Y	<1	N
95373825	WA UW 815 Mercer	5/4/2006	42.5	Y	<1	N
84772579	Japanese Auto Clinic	8/29/2007	27	Y	<1	N
11720	South Lake Union 293 Parcel A	2/28/2012	20.1	Y	<1	N

**Table 9**  
**South Lake Union Study Area**  
**Metals - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Chromium Screening Level - 49,320 mg/kg</b>						
19790	Cue Apartment Property	6/2/2014	19 J	Y	<1	N
21973	Modera Capitol Hill	2/10/2014	18.9	Y	<1	N
800946	West 8th Building	2/19/2007	16.5	Y	<1	N
20345	525 Boren Building	12/10/2012	14.8	Y	<1	N
3573	American Linen Supply Co Dexter Ave	3/22/2013	10.8	Y	<1	N
15148	Block 26 W City Place II LLC	3/12/2009	9	Y	<1	N
1393421	Westlake Chevrolet	3/12/2013	5.4	Y	<1	N
59168749	KENNEY PROPERTY	3/13/2007	4.2	Y	<1	N
<b>Copper Screening Level - 0.069 mg/kg</b>						
16746	City Place IV Block 34	2/23/2009	130	Y	1,882	Y
15148	Block 26 W City Place II LLC	11/13/2008	82	Y	1,187	Y
59162297	Fat City Inc Seattle (8th & Thomas)	10/1/2012	62	Y	897	Y
59168749	KENNEY PROPERTY	3/15/2007	16	Y	232	Y
1393421	Westlake Chevrolet	3/12/2013	14	Y	203	Y
19790	Cue Apartment Property	6/2/2014	11	Y	159	Y
<b>Lead Screening Level - 81 mg/kg</b>						
46445373	TOSCO 25535330857	10/21/2005	11,600	Y	143	Y
2593	IRIS Holding LLC	5/18/2011	3,900	Y	48	Y
21973	Modera Capitol Hill	1/28/2015	2,270	Y	28	Y
2500	Rosen Property	5/5/2008	1,900	Y	23	Y
800946	West 8th Building	2/19/2007	1,390	Y	17	Y
19790	Cue Apartment Property	6/6/2014	1,200	Y	15	Y
1393421	Westlake Chevrolet	5/10/2013	540	Y	6.7	Y
19135499	TROY LAUNDRY SEATTLE	10/5/2011	490	Y	6.0	Y
11720	South Lake Union 293 Parcel A	10/29/2013	387	Y	4.8	Y
15148	Block 26 W City Place II LLC	11/13/2008	370	Y	4.6	Y
18780	Equinox Apartments	8/2/2007	250	Y	3.1	Y
95373825	WA UW 815 Mercer	5/4/2006	232	Y	2.9	Y
16746	City Place IV Block 34	2/23/2009	210	Y	2.6	Y
22102	ENSO 2201 Westlake	3/21/2007	210	Y	2.6	Y

**Table 9**  
**South Lake Union Study Area**  
**Metals - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Lead Screening Level - 81 mg/kg</b>						
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	4/11/2012	186	Y	2.3	Y
59168749	KENNEY PROPERTY	3/15/2007	150	Y	1.9	Y
33641566	BMW SEATTLE PIKE ST	2/13/2014	130 J	Y	1.6	Y
16694	Inhabit Eastlake	8/29/2013	91.5	Y	1.1	Y
20345	525 Boren Building	12/10/2012	30	Y	<1	N
11412	Melrose & Pine Development	11/17/2011	17	Y	<1	N
89512719	Greyhound Lines Inc Seattle 780013	6/23/2008	14	Y	<1	N
66184117	ELEPHANT CAR WASH UST 4919	12/16/2013	8.89	Y	<1	N
59162297	Fat City Inc Seattle (8th & Thomas)	10/1/2012	8.47	Y	<1	N
17031	Block 19 7th and Lenora	2/20/2012	8.37	Y	<1	N
3573	American Linen Supply Co Dexter Ave	3/22/2013	6.94	Y	<1	N
84772579	Japanese Auto Clinic	8/27/2007	5.9	Y	<1	N
92673819	YALE ST PARKING GARAGE	8/20/2015	4.92	Y	<1	N
31325769	Jiffy Lube Store 2077	1/28/2007	3.23	Y	<1	N
9607339	Marlborough House	10/11/2011	2.99	Y	<1	N
84878976	NETTLETON APTS	1/10/2012	2.93	Y	<1	N
19323	202 Westlake Office Building	3/16/2012	5 U	N	<1	N
<b>Mercury Screening Level - 0.0013 mg/kg</b>						
2500	Rosen Property	5/5/2008	4	Y	3,060	Y
2593	IRIS Holding LLC	5/21/2007	1.3	Y	995	Y
22102	ENSO 2201 Westlake	3/21/2007	0.89	Y	681	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	4/11/2012	0.601	Y	460	Y
800946	West 8th Building	3/23/2007	0.58	Y	444	Y
21973	Modera Capitol Hill	2/10/2014	0.55	Y	421	Y
19135499	TROY LAUNDRY SEATTLE	10/5/2011	0.42	Y	321	Y
95373825	WA UW 815 Mercer	5/4/2006	0.37	Y	283	Y
3573	American Linen Supply Co Dexter Ave	3/22/2013	0.28	Y	214	Y
11720	South Lake Union 293 Parcel A	2/27/2012	0.15	Y	115	Y
1393421	Westlake Chevrolet	4/16/2013	0.5 UJ	N	383	Y
15148	Block 26 W City Place II LLC	3/12/2009	0.5 U	N	383	Y

**Table 9**  
**South Lake Union Study Area**  
**Metals - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Mercury Screening Level - 0.0013 mg/kg</b>						
16746	City Place IV Block 34	10/16/2008	0.5 U	N	383	Y
19790	Cue Apartment Property	6/2/2014	0.5 U	N	383	Y
59168749	KENNEY PROPERTY	3/13/2007	0.5 U	N	383	Y
17031	Block 19 7th and Lenora	2/20/2012	0.319 U	N	244	Y
89512719	Greyhound Lines Inc Seattle 780013	6/24/2008	0.31 U	N	237	Y
18780	Equinox Apartments	4/13/2007	0.3 U	N	230	Y
11412	Melrose & Pine Development	11/2/2011	0.3 U	N	230	Y
84772579	Japanese Auto Clinic	8/27/2007	0.29 U	N	222	Y
59162297	Fat City Inc Seattle (8th & Thomas)	10/1/2012	0.266 U	N	203	Y
20345	525 Boren Building	12/11/2012	0.1 U	N	77	Y
<b>Zinc Screening Level - 5.0 mg/kg</b>						
16746	City Place IV Block 34	10/16/2008	1,100	Y	218	Y
15148	Block 26 W City Place II LLC	11/13/2008	770	Y	153	Y
59162297	Fat City Inc Seattle (8th & Thomas)	10/1/2012	122	Y	24	Y
1393421	Westlake Chevrolet	3/12/2013	23	Y	4.6	Y
19790	Cue Apartment Property	6/2/2014	11	Y	2.2	Y
59168749	KENNEY PROPERTY	3/13/2007	2.4	Y	<1	N

Screening Levels are Soil Protection of Groundwater for Saturated Zone.

mg/kg - milligrams per kilogram

J - estimated concentration

U - not detected

**Table 10**  
**South Lake Union Study Area**  
**Metals - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events				Highest Detection - Most Recent Detection				Concentration - Most Recent Event				
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>Arsenic Screening Level - 0.14 ug/L</b>														
215799	ARE Seattle No 15 LLC	3/17/2010	37	264	Y	6/23/2010	36	257	Y	6/23/2010	36	Y	257	Y
11412	Melrose & Pine Development	4/23/2014	18.3	131	Y	11/25/2014	1.56	11	Y	11/25/2014	1.56	Y	11	Y
2593	IRIS Holding LLC	7/22/2011	14	100	Y	10/21/2011	8.9	64	Y	10/21/2011	8.9	Y	64	Y
19135499	TROY LAUNDRY SEATTLE	10/5/2011	12.4	89	Y	10/5/2011	12.4	89	Y	10/5/2011	12.4	Y	89	Y
21973	Modera Capitol Hill	2/26/2015	8.61	62	Y	2/26/2015	8.61	62	Y	2/26/2015	8.61	Y	62	Y
89512719	Greyhound Lines Inc Seattle 780013	5/28/2008	8.2	59	Y	5/29/2008	4.6	33	Y	5/29/2008	4.6	Y	33	Y
18780	Equinox Apartments	3/3/2005	1.04	7.4	Y	3/3/2005	1.04	7.4	Y	3/3/2005	1.04	Y	7.4	Y
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	5 U	N	36	Y
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	5 U	N	36	Y
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/10/2007	5 U	N	36	Y
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	3.3 U	N	24	Y
11720	South Lake Union 293 Parcel A	--	--	--	--	--	--	--	--	8/29/2013	1 U	N	7.1	Y
<b>Cadmium Screening Level - 1.2 ug/L</b>														
19135499	TROY LAUNDRY SEATTLE	10/5/2011	28.7	24	Y	10/5/2011	28.7	24	Y	10/5/2011	1 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	5 U	N	4.2	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	5 U	N	4.2	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/10/2007	5 U	N	4.2	N
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	4.4 U	N	3.7	N
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	40865	4.4 U	N	3.7	N
89512719	Greyhound Lines Inc Seattle 780013	--	--	--	--	--	--	--	--	39598	4.4 U	N	3.7	N
11412	Melrose & Pine Development	--	--	--	--	--	--	--	--	40915	4.4 U	N	3.7	N
18780	Equinox Apartments	--	--	--	--	--	--	--	--	38414	1 U	N	<1	N
21973	Modera Capitol Hill	--	--	--	--	--	--	--	--	41681	1 U	N	<1	N
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	40837	0.44 U	N	<1	N
<b>Chromium Screening Level - 0.060 ug/L</b>														
19323	202 Westlake Office Building	2/28/2012	300	4,962	Y	2/28/2012	300	4,962	Y	2/28/2012	300	Y	4,962	Y
2593	IRIS Holding LLC	2/1/2011	130	2,150	Y	10/21/2011	0.98	16	Y	10/21/2011	0.98	Y	16	Y
19135499	TROY LAUNDRY SEATTLE	10/5/2011	82.9	1,371	Y	10/5/2011	82.9	1,371	Y	10/5/2011	82.9	Y	1,371	Y
215799	ARE Seattle No 15 LLC	6/23/2010	31	513	Y	6/23/2010	31	513	Y	6/23/2010	31	Y	513	Y
18780	Equinox Apartments	3/3/2005	6.06	100	Y	3/3/2005	6.06	100	Y	3/3/2005	6.06	Y	100	Y
21973	Modera Capitol Hill	2/10/2014	5.09	84	Y	2/11/2014	2.78	46	Y	2/11/2014	2.78	Y	46	Y
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	11 U	N	182	Y
89512719	Greyhound Lines Inc Seattle 780013	--	--	--	--	--	--	--	--	5/30/2008	11 U	N	182	Y
11412	Melrose & Pine Development	--	--	--	--	--	--	--	--	1/7/2012	11 U	N	182	Y
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	10 U	N	165	Y
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	10 U	N	165	Y
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/10/2007	10 U	N	165	Y
<b>Copper Screening Level - 3.1 ug/L</b>														
215799	ARE Seattle No 15 LLC	--	--	--	--	--	--	--	--	6/23/2010	10 U	N	3.2	Y
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	10 U	N	3.2	Y
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	10 U	N	3.2	Y



**Table 10**  
**South Lake Union Study Area**  
**Metals - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events				Highest Detection - Most Recent Detection				Concentration - Most Recent Event				
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>Lead Screening Level - 8.1 ug/L</b>														
46445373	TOSCO 25535330857	5/23/2010	7,810	964	Y	5/23/2010	7,810	964	Y	5/23/2010	7,810	Y	964	Y
19135499	TROY LAUNDRY SEATTLE	10/5/2011	2,100	259	Y	10/5/2011	2,100	259	Y	10/5/2011	2,100	Y	259	Y
19323	202 Westlake Office Building	2/28/2012	120	15	Y	2/28/2012	120	15	Y	2/28/2012	120	Y	15	Y
31325769	Jiffy Lube Store 2077	9/5/2007	87.4	11	Y	6/29/2009	4.45	<1	N	6/29/2009	4.45	Y	<1	N
2500	Rosen Property	5/8/2008	52	6.4	Y	5/8/2008	52	6.4	Y	5/8/2008	52	Y	6.4	Y
2593	IRIS Holding LLC	2/1/2011	12	1.5	Y	4/15/2011	4.2	<1	N	10/21/2011	0.62 U	N	<1	N
215799	ARE Seattle No 15 LLC	3/18/2010	5.1	<1	N	3/18/2010	5.1	<1	N	6/23/2010	2 U	N	<1	N
89512719	Greyhound Lines Inc Seattle 780013	5/30/2008	4.5	<1	N	5/30/2008	4.5	<1	N	5/30/2008	4.5	Y	<1	N
21973	Modera Capitol Hill	2/10/2014	3.62	<1	N	2/10/2014	3.62	<1	N	2/10/2014	3.62	Y	<1	N
11412	Melrose & Pine Development	12/1/2011	1.4	<1	N	12/1/2011	1.4	<1	N	1/7/2012	1.1 U	N	<1	N
18780	Equinox Apartments	3/3/2005	1.02	<1	N	3/3/2005	1.02	<1	N	3/3/2005	1.02	Y	<1	N
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	1.1 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	2 U	N	<1	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	2 U	N	<1	N
11720	South Lake Union 293 Parcel A	--	--	--	--	--	--	--	--	8/29/2013	1 U	N	<1	N
19135499	TROY LAUNDRY SEATTLE	--	--	--	--	--	--	--	--	8/26/2010	1 U	N	<1	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/10/2007	0.002 U	N	<1	N
<b>Mercury Screening Level - 0.025 ug/L</b>														
19135499	TROY LAUNDRY SEATTLE	10/5/2011	23	920	Y	10/5/2011	23	920	Y	10/5/2011	23	Y	920	Y
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/10/2007	1 U	N	40	Y
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	0.5 U	N	20	Y
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	0.5 U	N	20	Y
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	0.5 U	N	20	Y
89512719	Greyhound Lines Inc Seattle 780013	--	--	--	--	--	--	--	--	5/30/2008	0.5 U	N	20	Y
11412	Melrose & Pine Development	--	--	--	--	--	--	--	--	1/7/2012	0.5 U	N	20	Y
18780	Equinox Apartments	--	--	--	--	--	--	--	--	3/3/2005	0.2 U	N	8	Y
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	0.2 U	N	8	Y
21973	Modera Capitol Hill	--	--	--	--	--	--	--	--	2/11/2014	0.1 U	N	4	Y
<b>Zinc Screening Level - 81 ug/L</b>														
16746	City Place IV Block 34	10/16/2008	200	2.5	Y	10/16/2008	200	2.5	Y	10/16/2008	200	Y	2.5	Y
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	10 U	N	<1	N

Screening Levels are Groundwater Protection of Sediment.

ug/L - micrograms per liter  
U - not detected  
-- not applicable

**Table 11**  
**South Lake Union Study Area**  
**cPAH TEQ - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility Name	Sample Date	Concentration	Detected	Exceedance Factor	Exceedance
<b>cPAH TEQ Screening Level - 0.000016 mg/kg</b>						
2500	Rosen Property	7/18/2008	25.2	Y	1,625,164	Y
46445373	TOSCO 25535330857	9/16/2008	2.0	Y	126,220	Y
11720	South Lake Union 293 Parcel A	10/24/2013	1.0	Y	65,512	Y
2593	IRIS Holding LLC	4/4/2006	1.0	Y	64,706	Y
15148	Block 26 W City Place II LLC	11/13/2008	0.73	Y	47,367	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	6/4/2013	0.31	Y	20,252	Y
59162297	Fat City Inc Seattle (8th & Thomas)	11/15/2012	0.17	Y	11,166	Y
17031	Block 19 7th and Lenora	2/21/2014	0.13	Y	8,449	Y
16746	City Place IV Block 34	4/15/2009	0.11	Y	6,854	Y
91413494	Lenora Building	8/14/2015	0.091	Y	5,838	Y
18780	Equinox Apartments	8/2/2007	0.078	Y	5,000	Y
11412	Melrose & Pine Development	11/16/2011	0.075	Y	4,841	Y
89512719	Greyhound Lines Inc Seattle 780013	5/23/2008	0.059	Y	3,835	Y
14584	Art Stable Building	10/21/2008	0.015	Y	987	Y
92673819	YALE ST PARKING GARAGE	8/20/2015	0.008	Y	492	Y
1393421	Westlake Chevrolet	4/16/2013	0.076 U	N	4,868	Y
95373825	WA UW 815 Mercer	8/1/2006	0.076 U	N	4,868	Y
19135499	TROY LAUNDRY SEATTLE	5/25/2011	0.023 U	N	1,460	Y

Screening Levels are Soil Protection of Groundwater for Saturated Zone.

cPAH TEQ - carcinogenic polycyclic aromatic hydrocarbon toxic equivalent concentration

U - not detected

**Table 12**  
**South Lake Union Study Area**  
**cPAH TEQ - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events				Highest Detection - Most Recent				Concentration - Most Recent Event				
		Sample Date	cPAH TEQ (ND*0.5)	Exceedance Factor	Exceedance	Sample Date	cPAH TEQ (ND*0.5)	Exceedance Factor	Exceedance	Sample Date	cPAH TEQ (ND*0.5)	Detected	Exceedance Factor	Exceedance
<b>cPAH TEQ</b>	<b>Screening Level - 0.000016 ug/L</b>													
11412	Melrose & Pine Development	1/13/2012	2.4	151,438	Y	1/13/2012	2.4	151,438	Y	1/13/2012	2.4	Y	151,438	Y
89512719	Greyhound Lines Inc Seattle 780013	5/28/2008	0.098	6,119	Y	5/28/2008	0.098	6,119	Y	5/28/2008	0.098	Y	6,119	Y
2593	IRIS Holding LLC	2/1/2011	0.045	2,833	Y	2/1/2011	0.045	2,833	Y	2/1/2011	0.045	Y	2,833	Y
18780	Equinox Apartments	--	--	--	--	--	--	--	--	9/14/2001	1.4 U	N	88,125	Y
19135499	TROY LAUNDRY SEATTLE	--	--	--	--	--	--	--	--	5/31/2011	0.705 U	N	44,063	Y
31325769	Jiffy Lube Store 2077	--	--	--	--	--	--	--	--	6/29/2009	0.071 U	N	4,406	Y
11720	South Lake Union 293 Parcel A	--	--	--	--	--	--	--	--	2/29/2012	0.071 U	N	4,406	Y

Screening Levels are Groundwater Protection of Sediment.

cPAH TEQ - carcinogenic polycyclic aromatic hydrocarbon toxic equivalent concentration

U - not detected

-- not applicable

**Table 13**  
**South Lake Union Study Area**  
**Total PCB Aroclors - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Total PCB Aroclors Screening Level - 2.2E-06 mg/kg</b>						
84772579	Japanese Auto Clinic	8/27/2007	0.88	Y	406,465	Y
2593	IRIS Holding LLC	3/15/2005	0.3	Y	138,568	Y
2500	Rosen Property	6/24/2008	0.5 U	N	230,946	Y
17031	Block 19 7th and Lenora	2/20/2012	0.112 U	N	51,732	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	2/23/2012	0.112 U	N	51,732	Y
11720	South Lake Union 293 Parcel A	4/29/2013	0.1 U	N	46,189	Y
59162297	Fat City Inc Seattle (8th & Thomas)	10/17/2011	0.0949 U	N	43,834	Y
31325769	Jiffy Lube Store 2077	1/28/2007	0.0644 U	N	29,746	Y
89512719	Greyhound Lines Inc Seattle 780013	5/20/2008	0.061 U	N	28,175	Y
11412	Melrose & Pine Development	11/17/2011	0.057 U	N	26,328	Y

Screening Levels are Soil Protection of Groundwater for Saturated Zone.

mg/kg - milligrams per kilogram

PCB - polychlorinated biphenyl

U - not detected

**Table 14**  
**South Lake Union Study Area**  
**Polychlorinated Biphenyls - Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Concentration - Most Recent Event				
		Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>PCBs</b>		<b>Screening Level - 0.000007 ug/L</b>				
31325769	Jiffy Lube Store 2077	6/29/2009	0.5 U	N	71,429	Y
18780	Equinox Apartments	9/4/2001	0.1 U	N	14,286	Y
89512719	Greyhound Lines Inc Seattle 780013	5/29/2008	0.047 U	N	6,714	Y

PCBs were not detected in groundwater.

Screening Levels are Groundwater Protection of Sediment.

ug/L - micrograms per liter

PCB - polychlorinated biphenyl

U - not detected

**Table 15**  
**South Lake Union Study Area**  
**Petroleum Hydrocarbons - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Diesel</b>	<b>Screening Level - 2,000 mg/kg</b>					
59162297	Fat City Inc Seattle (8th & Thomas)	8/28/2014	66,700	Y	33	Y
800946	West 8th Building	3/30/2007	51,000	Y	26	Y
19323	202 Westlake Office Building	10/26/2011	33,000	Y	17	Y
2593	IRIS Holding LLC	4/4/2006	30,000	Y	15	Y
17031	Block 19 7th and Lenora	4/16/2014	20,700	Y	10	Y
84772579	Japanese Auto Clinic	4/1/2008	20,000	Y	10	Y
13703	Weiss Jenkins XIII Site	11/5/2008	18,000	Y	9.0	Y
89512719	Greyhound Lines Inc Seattle 780013	10/30/2012	15,000	Y	7.5	Y
16694	Inhabit Eastlake	4/29/2015	15,000	Y	7.5	Y
9607339	Marlborough House	6/28/2013	13,100	Y	6.6	Y
11412	Melrose & Pine Development	9/4/2014	12,000	Y	6.0	Y
18780	Equinox Apartments	4/13/2007	11,000	Y	5.5	Y
609006	BRE Properties Inc	7/25/2007	11,000	Y	5.5	Y
5253876	Reid Apartments Former Site	4/18/2006	9,100	Y	4.6	Y
1393421	Westlake Chevrolet	5/10/2013	9,000	Y	4.5	Y
2908550	744 Harvard Ave	1/8/2008	8,700	Y	4.4	Y
19790	Cue Apartment Property	6/2/2014	6,200	Y	3.1	Y
19135499	TROY LAUNDRY SEATTLE	12/8/2014	5,000	Y	2.5	Y
3644935	Rothrock Property	6/1/2006	4,700	Y	2.4	Y
46445373	TOSCO 25535330857	10/18/2005	4,640	Y	2.3	Y
99996998	ASCO Property	11/24/2008	4,600	Y	2.3	Y
91413494	Lenora Building	8/14/2015	4,300	Y	2.2	Y
14584	Art Stable Building	10/21/2008	3,500	Y	1.8	Y
8826590	Tax Parcel 069600-0025	3/9/2012	3,500	Y	1.8	Y
92673819	YALE ST PARKING GARAGE	8/20/2015	3,100	Y	1.6	Y
11720	South Lake Union 293 Parcel A	4/29/2013	3,000	Y	1.5	Y
9475	Taylor and Denny New Building	10/26/2012	2,200	Y	1.1	Y
15148	Block 26 W City Place II LLC	3/12/2009	1,400	Y	<1	N
33641566	BMW SEATTLE PIKE ST	4/8/2014	1,300	Y	<1	N
95373825	WA UW 815 Mercer	5/4/2006	920	Y	<1	N

**Table 15**  
**South Lake Union Study Area**  
**Petroleum Hydrocarbons - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Diesel Screening Level - 2,000 mg/kg</b>						
18615	Creases Dry Cleaner	2/13/2015	812	Y	<1	N
2500	Rosen Property	7/11/2008	730	Y	<1	N
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	6/11/2013	669	Y	<1	N
3573	American Linen Supply Co Dexter Ave	3/22/2013	460	Y	<1	N
22102	ENSO 2201 Westlake	3/29/2007	400	Y	<1	N
16746	City Place IV Block 34	3/16/2009	200	Y	<1	N
15119	400 Fairview LLC Seattle	11/4/2013	180	Y	<1	N
66184117	ELEPHANT CAR WASH UST 4919	12/9/2013	180	Y	<1	N
20345	525 Boren Building	12/10/2012	69	Y	<1	N
45618198	Foley Sign Co Inc	5/20/2011	58	Y	<1	N
59168749	KENNEY PROPERTY	4/27/2007	35	Y	<1	N
21907	Fifth and Broad Property	10/15/2013	360 U	N	<1	N
6153541	Aoki Property	11/13/2008	50 U	N	<1	N
7028351	FIRST CHOICE BUSINESS MACHINES	5/15/2007	31 U	N	<1	N
31325769	Jiffy Lube Store 2077	1/28/2007	13 U	N	<1	N
21973	Modera Capitol Hill	2/10/2014	50 U	N	<1	N
<b>Gasoline Screening Level - 30 mg/kg</b>						
46445373	TOSCO 25535330857	12/13/2006	16,000	Y	533	Y
2593	IRIS Holding LLC	10/10/2011	13,000	Y	433	Y
89512719	Greyhound Lines Inc Seattle 780013	6/27/2013	12,800	Y	427	Y
1393421	Westlake Chevrolet	5/10/2013	11,000	Y	367	Y
11412	Melrose & Pine Development	8/19/2014	10,000	Y	333	Y
9475	Taylor and Denny New Building	11/7/2012	9,000	Y	300	Y
19135499	TROY LAUNDRY SEATTLE	9/19/2014	4,800	Y	160	Y
59168749	KENNEY PROPERTY	5/1/2007	4,600	Y	153	Y
84772579	Japanese Auto Clinic	3/5/2008	4,100	Y	137	Y
16694	Inhabit Eastlake	6/6/2015	3,200	Y	107	Y
8826590	Tax Parcel 069600-0025	3/9/2012	3,200	Y	107	Y
95373825	WA UW 815 Mercer	6/17/2006	3,000	Y	100	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	6/4/2013	2,790	Y	93	Y

**Table 15**  
**South Lake Union Study Area**  
**Petroleum Hydrocarbons - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Gasoline Screening Level - 30 mg/kg</b>						
19323	202 Westlake Office Building	3/16/2012	2,730	Y	91	Y
7028351	FIRST CHOICE BUSINESS MACHINES	5/15/2007	2,400	Y	80	Y
13703	Weiss Jenkins XIII Site	11/13/2008	2,100	Y	70	Y
21907	Fifth and Broad Property	4/3/2013	1,900	Y	63	Y
11720	South Lake Union 293 Parcel A	4/29/2013	1,600	Y	53	Y
16746	City Place IV Block 34	3/16/2009	1,400	Y	47	Y
2500	Rosen Property	7/1/2008	1,100	Y	37	Y
91413494	Lenora Building	8/14/2015	770	Y	26	Y
17031	Block 19 7th and Lenora	4/16/2014	511 U	N	17	Y
1996895	Freymuller Enterprises Inc	5/2/2013	510	Y	17	Y
15119	400 Fairview LLC Seattle	11/4/2013	380	Y	13	Y
84878976	NETTLETON APTS	1/10/2012	370	Y	12	Y
18780	Equinox Apartments	8/2/2007	310	Y	10	Y
3573	American Linen Supply Co Dexter Ave	4/4/2013	260	Y	8.7	Y
2908550	744 Harvard Ave	1/31/2008	250 U	N	8.3	Y
92673819	YALE ST PARKING GARAGE	8/20/2015	140 J	Y	4.7	Y
66184117	ELEPHANT CAR WASH UST 4919	12/9/2013	120	Y	4.0	Y
14584	Art Stable Building	10/28/2008	81 U	N	2.7	Y
33641566	BMW SEATTLE PIKE ST	3/19/2014	57	Y	1.9	Y
19790	Cue Apartment Property	6/2/2014	32	Y	1.1	Y
609006	BRE Properties Inc	7/25/2007	32 U	N	1.1	Y
45618198	Foley Sign Co Inc	5/10/2007	20 U	N	<1	N
59162297	Fat City Inc Seattle (8th & Thomas)	12/2/2011	9.6 U	N	<1	N
18615	Creases Dry Cleaner	12/19/2014	6.7 U	N	<1	N
31325769	Jiffy Lube Store 2077	1/28/2007	5.6 U	N	<1	N
15148	Block 26 W City Place II LLC	3/12/2009	5 U	N	<1	N
22102	ENSO 2201 Westlake	4/27/2007	5 UJ	N	<1	N
9607339	Marlborough House	10/11/2011	4.6 U	N	<1	N
6153541	Aoki Property	11/13/2008	2 U	N	<1	N
21973	Moderia Capitol Hill	2/11/2014	2 U	N	<1	N



**Table 15**  
**South Lake Union Study Area**  
**Petroleum Hydrocarbons - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Heavy Oil Screening Level - 2,000 mg/kg</b>						
91413494	Lenora Building	8/14/2015	40,000	Y	20	Y
1393421	Westlake Chevrolet	5/10/2013	38,000	Y	19	Y
89512719	Greyhound Lines Inc Seattle 780013	10/30/2012	38,000	Y	19	Y
2593	IRIS Holding LLC	10/7/1994	36,000	Y	18	Y
800946	West 8th Building	3/22/2007	27,000	Y	14	Y
59168749	KENNEY PROPERTY	3/15/2007	24,000	Y	12	Y
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	7/30/2013	16,100	Y	8.1	Y
84772579	Japanese Auto Clinic	2/28/2008	14,000	Y	7.0	Y
46445373	TOSCO 25535330857	10/18/2005	12,500	Y	6.3	Y
9607339	Marlborough House	6/28/2013	9,400	Y	4.7	Y
8826590	Tax Parcel 069600-0025	3/9/2012	8,400	Y	4.2	Y
11412	Melrose & Pine Development	12/4/2013	7,800	Y	3.9	Y
19135499	TROY LAUNDRY SEATTLE	10/5/2011	6,100	Y	3.1	Y
19790	Cue Apartment Property	6/10/2014	6,000	Y	3.0	Y
18780	Equinox Apartments	8/2/2007	4,400	Y	2.2	Y
45618198	Foley Sign Co Inc	5/20/2011	3,940	Y	2.0	Y
17031	Block 19 7th and Lenora	4/8/2014	3,530	Y	1.8	Y
14584	Art Stable Building	10/21/2008	3,200	Y	1.6	Y
11720	South Lake Union 293 Parcel A	2/28/2012	1,700	Y	<1	N
95373825	WA UW 815 Mercer	5/4/2006	1,000	Y	<1	N
33641566	BMW SEATTLE PIKE ST	4/8/2014	740	Y	<1	N
92673819	YALE ST PARKING GARAGE	8/20/2015	690 J	Y	<1	N
2500	Rosen Property	7/1/2008	430	Y	<1	N
19323	202 Westlake Office Building	10/26/2011	400	Y	<1	N
18615	Creases Dry Cleaner	9/17/2013	360	Y	<1	N
3573	American Linen Supply Co Dexter Ave	3/22/2013	360	Y	<1	N
9475	Taylor and Denny New Building	9/28/2012	300	Y	<1	N
609006	BRE Properties Inc	5/14/2007	78	Y	<1	N
15119	400 Fairview LLC Seattle	11/4/2013	64	Y	<1	N

**Table 15**  
**South Lake Union Study Area**  
**Petroleum Hydrocarbons - Highest Concentrations in Soil by Site**

Facility/ Site ID	Facility	Sample Date	Concentration (mg/kg)	Detected	Exceedance Factor	Exceedance
<b>Heavy Oil Screening Level - 2,000 mg/kg</b>						
21907	Fifth and Broad Property	6/7/2016	61	Y	<1	N
13703	Weiss Jenkins XIII Site	11/5/2008	1,000 U	N	<1	N
20345	525 Boren Building	12/11/2012	250 U	N	<1	N
6153541	Aoki Property	11/13/2008	250 U	N	<1	N
66184117	ELEPHANT CAR WASH UST 4919	12/19/2014	250 U	N	<1	N
16694	Inhabit Eastlake	4/29/2015	250 U	N	<1	N
21973	Moderica Capitol Hill	2/10/2014	250 U	N	<1	N
59162297	Fat City Inc Seattle (8th & Thomas)	8/28/2014	76 U	N	<1	N
7028351	FIRST CHOICE BUSINESS MACHINES	5/15/2007	61 U	N	<1	N
3644935	Rothrock Property	6/1/2006	60 U	N	<1	N
16746	City Place IV Block 34	10/16/2008	50 U	N	<1	N
22102	ENSO 2201 Westlake	4/27/2007	50 U	N	<1	N
31325769	Jiffy Lube Store 2077	1/28/2007	32 U	N	<1	N
800946	West 8th Building	8/14/2007	2 U	N	<1	N

Screening Levels are MTCA (Model Toxics Control Act) Method A Cleanup Levels.

mg/kg - milligrams per kilogram

J - estimated concentration

U - not detected

UU - not detected, estimated reporting limit

-- not applicable

**Table 16**  
**South Lake Union Study Area**  
**Petroleum Hydrocarbons - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events			Highest Detection - Most Recent				Concentration - Most Recent Event					
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>Diesel Screening Level - 500 ug/L</b>														
89512719	Greyhound Lines Inc Seattle 780013	7/15/2009	65,000	130	Y	10/2/2014	6,400	13	Y	11/21/2014	260 U	N	<1	N
46445373	TOSCO 25535330857	6/16/2005	31,000	62	Y	5/23/2010	7,100	14	Y	5/23/2010	7,100	Y	14	Y
20345	525 Boren Building	12/11/2012	22,000	44	Y	12/11/2012	22,000	44	Y	12/11/2012	22,000	Y	44	Y
19135499	TROY LAUNDRY SEATTLE	10/5/2011	5,200	10	Y	12/13/2012	420	<1	N	12/13/2012	420	Y	<1	N
3573	American Linen Supply Co Dexter Ave	6/2/2011	3,100	6.2	Y	12/26/2013	300	<1	N	12/26/2013	300	Y	<1	N
31325769	Jiffy Lube Store 2077	10/29/2007	2,510	5.0	Y	7/16/2008	1,200	2.4	Y	6/29/2009	100 U	N	<1	N
11412	Melrose & Pine Development	11/17/2011	2,300	4.6	Y	11/17/2011	2,300	4.6	Y	6/18/2014	50 U	N	<1	N
18615	Creases Dry Cleaner	9/17/2013	1,700	3.4	Y	9/17/2013	1,700	3.4	Y	9/17/2013	1,700	Y	3.4	Y
3279158	1214 8TH AVE	11/7/2013	968	1.9	Y	4/24/2015	269	<1	N	4/24/2015	269	Y	<1	N
21907	Fifth and Broad Property	12/21/2015	820	1.6	Y	6/13/2016	460	<1	N	6/13/2016	460	Y	<1	N
215799	ARE Seattle No 15 LLC	3/18/2010	750	1.5	Y	3/18/2010	750	1.5	Y	6/23/2010	250 U	N	<1	N
16694	Inhabit Eastlake	8/5/2015	360	<1	N	8/31/2015	200	<1	N	8/31/2015	200	Y	<1	N
18780	Equinox Apartments	9/4/2001	170	<1	N	9/4/2001	170	<1	N	9/4/2001	170	Y	<1	N
4345275	NEPTUNE APARTMENTS proposed	12/14/2012	160	<1	N	12/14/2012	160	<1	N	12/14/2012	160	Y	<1	N
11720	South Lake Union 293 Parcel A	2/29/2012	150	<1	N	2/29/2012	150	<1	N	2/29/2012	150	Y	<1	N
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	270 U	N	<1	N
91413494	Lenora Building	--	--	--	--	--	--	--	--	7/17/2015	260 U	N	<1	N
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	250 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	200 U	N	<1	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	200 U	N	<1	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/10/2007	200 U	N	<1	N
2500	Rosen Property	--	--	--	--	--	--	--	--	5/8/2008	200 U	N	<1	N
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	130 U	N	<1	N
9607339	Marlborough House	--	--	--	--	--	--	--	--	7/3/2013	50 U	N	<1	N
<b>Gasoline Screening Level - 800 ug/L</b>														
3573	American Linen Supply Co Dexter Ave	12/21/2012	240,000	300	Y	12/19/2013	170	<1	N	12/19/2013	170	Y	<1	N
1996895	Frey Muller Enterprises Inc	5/20/2013	64,000	80	Y	5/20/2013	64,000	80	Y	5/20/2013	64,000	Y	80	Y
88917423	UNOCAL 5474	3/17/2008	9,500	12	Y	5/23/2010	44,400	56	Y	5/23/2010	44,400	Y	56	Y
89512719	Greyhound Lines Inc Seattle 780013	9/9/2008	5,900	7.4	Y	5/7/2013	770	<1	N	11/21/2014	100 U	N	<1	N
11412	Melrose & Pine Development	11/17/2011	4,800	6	Y	11/17/2011	4,800	6	Y	6/18/2014	100 U	N	<1	N
2500	Rosen Property	5/8/2008	1,700	2.1	Y	5/8/2008	1,700	2.1	Y	5/8/2008	1,700	Y	2.1	Y
31325769	Jiffy Lube Store 2077	7/16/2008	1,670	2.1	Y	7/16/2008	1,670	2.1	Y	6/29/2009	100 U	N	<1	N
16694	Inhabit Eastlake	8/5/2015	1,600	2	Y	8/5/2015	1,600	2	Y	8/5/2015	1,600	Y	2	Y
19135499	TROY LAUNDRY SEATTLE	10/13/2011	1,400	1.8	Y	12/11/2012	640	<1	N	12/11/2012	640	Y	<1	N
215799	ARE Seattle No 15 LLC	3/18/2010	920	1.2	Y	3/17/2008	9,500	12	Y	6/23/2010	100 U	N	<1	N
20345	525 Boren Building	12/11/2012	890	1.1	Y	12/11/2012	890	1.1	Y	12/11/2012	890	Y	1.1	Y
21907	Fifth and Broad Property	6/13/2016	470	<1	N	6/13/2016	470	<1	N	6/13/2016	100 U	N	<1	N
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	110 U	N	<1	N
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	100 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	100 U	N	<1	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	100 U	N	<1	N
18780	Equinox Apartments	--	--	--	--	--	--	--	--	12/15/2010	100 U	N	<1	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/10/2007	100 U	N	<1	N

**Table 16**  
**South Lake Union Study Area**  
**Petroleum Hydrocarbons - Highest Concentrations in Groundwater by Site**

Facility/ Site ID	Facility	Highest Detection - All Events			Highest Detection - Most Recent				Concentration - Most Recent Event					
		Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Exceedance Factor	Exceedance	Sample Date	Concentration (ug/L)	Detected	Exceedance Factor	Exceedance
<b>Heavy Oil Screening Level 500 ug/L</b>														
91413494	Lenora Building	--	--	--	--	--	--	--	--	7/17/2015	100 U	N	<1	N
4345275	NEPTUNE APARTMENTS proposed	--	--	--	--	--	--	--	--	12/14/2012	100 U	N	<1	N
3279158	1214 8TH AVE	--	--	--	--	--	--	--	--	1/29/2015	50 U	N	<1	N
46445373	TOSCO 25535330857	--	--	--	--	--	--	--	--	5/24/2010	50 U	N	<1	N
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	50 U	N	<1	N
46445373	TOSCO 25535330857	6/2/2005	28,800	58	Y	5/23/2010	4,400	8.8	Y	5/23/2010	4,400	Y	8.8	Y
20345	525 Boren Building	12/11/2012	17,000	34	Y	12/11/2012	17,000	34	Y	12/11/2012	17,000	Y	34	Y
89512719	Greyhound Lines Inc Seattle 780013	1/17/2014	9,700	19	Y	10/2/2014	6,600	13	Y	11/21/2014	410 U	N	<1	N
19135499	TROY LAUNDRY SEATTLE	10/5/2011	8,200	16	Y	10/5/2011	8,200	16	Y	12/13/2012	250 U	N	<1	N
11412	Melrose & Pine Development	11/2/2011	6,100	12	Y	1/13/2012	660	1.3	Y	6/18/2014	250 U	N	<1	N
16694	Inhabit Eastlake	8/29/2013	2,500	5	Y	8/29/2013	2,500	5	Y	8/31/2015	250 U	N	<1	N
18615	Creases Dry Cleaner	9/17/2013	1,800	3.6	Y	9/17/2013	1,800	3.6	Y	9/17/2013	1,800	Y	3.6	Y
3279158	1214 8TH AVE	11/7/2013	1,390	2.8	Y	10/23/2014	359	<1	N	4/24/2015	100 U	N	<1	N
3573	American Linen Supply Co Dexter Ave	6/2/2011	740	1.5	Y	12/19/2013	440	<1	N	12/19/2013	440	Y	<1	N
215799	ARE Seattle No 15 LLC	7/30/2009	330	<1	N	7/30/2009	330	<1	N	6/23/2010	500 U	N	<1	N
18780	Equinox Apartments	9/4/2001	290	<1	N	9/4/2001	290	<1	N	12/15/2010	430 U	N	<1	N
31325769	Jiffy Lube Store 2077	7/16/2008	270	<1	N	7/16/2008	270	<1	N	6/29/2009	100 U	N	<1	N
33641566	BMW SEATTLE PIKE ST	--	--	--	--	--	--	--	--	1/17/2014	500 U	N	<1	N
16746	City Place IV Block 34	--	--	--	--	--	--	--	--	10/16/2008	500 U	N	<1	N
45618198	Foley Sign Co Inc	--	--	--	--	--	--	--	--	5/10/2007	500 U	N	<1	N
2500	Rosen Property	--	--	--	--	--	--	--	--	5/8/2008	500 U	N	<1	N
21907	Fifth and Broad Property	--	--	--	--	--	--	--	--	6/13/2016	440 U	N	<1	N
19323	202 Westlake Office Building	--	--	--	--	--	--	--	--	2/28/2012	430 U	N	<1	N
15119	400 Fairview LLC Seattle	--	--	--	--	--	--	--	--	11/18/2011	410 U	N	<1	N
91413494	Lenora Building	--	--	--	--	--	--	--	--	7/17/2015	410 U	N	<1	N
2593	IRIS Holding LLC	--	--	--	--	--	--	--	--	10/21/2011	250 U	N	<1	N
4345275	NEPTUNE APARTMENTS proposed	--	--	--	--	--	--	--	--	12/14/2012	250 U	N	<1	N
11720	South Lake Union 293 Parcel A	--	--	--	--	--	--	--	--	2/29/2012	250 U	N	<1	N
9607339	Marlborough House	--	--	--	--	--	--	--	--	7/3/2013	100 U	N	<1	N

Screening Levels are MTCA (Model Toxics Control Act) Method A Cleanup Levels.

ug/L - micrograms per liter

U - not detected

-- not applicable

**Table 17**  
**South Lake Union Study Area**  
**Sediment - Summary of Analytical Results**

Chemicals	SCO	CSL	Detections				Non-Detects				Sample Summary			
			Number of Detections	Minimum	Maximum	Average	Number of Non-Detects	Minimum	Maximum	Average	Total Detections	Total Non-Detects	Total Analyzed	% Detected
<b>All Studies</b>														
<b>Dry Weight</b>														
<i>Volatile Organic Compounds (ug/kg)</i>														
PCE	--	--	1	60	60	60	17	1.6	34	10	1	17	18	6%
TCE	--	--	0	--	--	--	18	1.6	34	10	0	18	18	0%
Vinyl Chloride	--	--	0	--	--	--	18	3.2	34	17	0	18	18	0%
<i>BTEX (ug/kg)</i>														
Benzene	--	--	0	--	--	--	18	1.6	34	10	0	18	18	0%
Toluene	--	--	2	8.1	220	110	16	1.6	34	10	2	16	18	11%
Ethylbenzene	--	--	1	113.33	113.33	113.33	17	1.6	34	10	1	17	18	6%
Total Xylenes	--	--	3	9.8	600	200	25	3.2	70	50	3	25	28	11%
<i>Metals (mg/kg)</i>														
Arsenic	14	120	63	2.6	639	60	1	20	20	20	63	1	64	98%
Cadmium	2.1	5.4	63	0.2	6.47	2	1	1.5	1.5	1.5	63	1	64	98%
Chromium	72	88	58	5.47	290	60	6	54.6	113	74	58	6	64	91%
Copper	400	1,200	70	18.5	2,457.14	380	0	--	--	--	70	0	70	100%
Lead	360	>1,300	70	13.6	3,988.57	590	0	--	--	--	70	0	70	100%
Mercury	0.66	0.8	67	0.07	27.3	3	1	0.05	0.05	0.05	67	1	68	99%
Zinc	3,200	>4,200	70	5.73	2,980	540	0	--	--	--	70	0	70	100%
<i>Polycyclic Aromatic Hydrocarbons (ug/kg)</i>														
cPAH TEQ (ND*0.5)	--	--	50	37	1,400,000	40,000	1	83	83	83	50	1	51	98%
<i>Polychlorinated Biphenyls (ug/kg)</i>														
Total PCB Aroclors	110	2,500	44	0.45	12,470	3,000	6	25	814	180	44	6	50	88%
<i>Petroleum Hydrocarbons (mg/kg)</i>														
Diesel	340	510	1	1,011.58	1,011.58	1,011.58	5	2,063	5,472.64	4,000	1	5	6	17%
Gasoline	--	--	0	--	--	--	3	130	140	130	0	3	3	0%
Heavy Oil	3,600	4,400	8	190	16865.67	5,200	0	--	--	--	8	0	8	100%

**Table 17**  
**South Lake Union Study Area**  
**Sediment - Summary of Analytical Results**

Chemicals	SCO	CSL	Detections						Non-Detects					
			SCO Exceedance	%Detect> SCO	%Total> SCO	CSL Exceedance	%Detect> CSL	%Total> CSL	SCO Exceedance	%ND> SCO	%Total> SCO	CSL Exceedance	%ND> CSL	%Total> CSL
<b>All Studies</b>														
<b>Dry Weight</b>														
<i>Volatile Organic Compounds (ug/kg)</i>														
PCE	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCE	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>BTEX (ug/kg)</i>														
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Metals (mg/kg)</i>														
Arsenic	14	120	41	65%	64%	8	13%	13%	1	100%	2%	0	0%	0%
Cadmium	2.1	5.4	21	33%	33%	5	8%	8%	0	--	--	0	0%	0%
Chromium	72	88	21	36%	33%	11	19%	17%	3	50%	5%	1	17%	2%
Copper	400	1,200	15	21%	21%	6	9%	9%	0	--	--	0	--	--
Lead	360	>1,300	35	50%	50%	4	6%	6%	0	--	--	0	--	--
Mercury	0.66	0.8	54	81%	79%	52	78%	76%	0	--	--	0	0%	0%
Zinc	3,200	>4,200	0	--	--	0	--	--	0	--	--	0	--	--
<i>Polycyclic Aromatic Hydrocarbons (ug/kg)</i>														
cPAH TEQ (ND*0.5)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Polychlorinated Biphenyls (ug/kg)</i>														
Total PCB Aroclors	110	2,500	39	89%	78%	14	32%	28%	3	50%	6%	0	--	--
<i>Petroleum Hydrocarbons (mg/kg)</i>														
Diesel	340	510	1	100%	17%	1	100%	17%	5	100%	83%	5	--	--
Gasoline	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heavy Oil	3,600	4,400	3	38%	38%	3	38%	38%	0	--	--	0	--	--

**Table 17**  
**South Lake Union Study Area**  
**Sediment - Summary of Analytical Results**

Chemicals	SCO	CSL	Detections				Non-Detects				Sample Summary			
			Number of Detections	Minimum	Maximum	Average	Number of Non-Detects	Minimum	Maximum	Average	Total Detections	Total Non-Detects	Total Analyzed	% Detected
<b>Wet Weight</b>														
<i>Metals (mg/kg)</i>														
Arsenic	--	--	5	7.93	13.1	10.1	0	--	--	--	5	0	5	100%
Cadmium	--	--	6	0.287	1.3	0.80	0	--	--	--	6	0	6	100%
Chromium	--	--	5	14.9	24.4	18.9	0	--	--	--	5	0	5	100%
Copper	--	--	5	74	431	280	0	--	--	--	5	0	5	100%
Lead	--	--	5	68.9	790	480	0	--	--	--	5	0	5	100%
Mercury	--	--	5	0.225	0.539	0.370	0	--	--	--	5	0	5	100%
Zinc	--	--	5	94.9	304	201	0	--	--	--	5	0	5	100%
<i>Polychlorinated Biphenyls (ug/kg)</i>														
Total PCB Aroclors	--	--	5	80.6	1281	497	0	--	--	--	5	0	5	100%
<i>Petroleum Hydrocarbons (mg/kg)</i>														
Diesel Range Organics	--	--	1	262	262	262	4	460	1,100	710	1	4	5	20%
Heavy Oil Range Organics	--	--	5	533	3,390	1,920	0	--	--	--	5	0	5	100%

**Table 17**  
**South Lake Union Study Area**  
**Sediment - Summary of Analytical Results**

Chemicals	SCO	CSL	Detections						Non-Detects					
			SCO Exceedance	%Detect> SCO	%Total> SCO	CSL Exceedance	%Detect> CSL	%Total> CSL	SCO Exceedance	%ND> SCO	%Total> SCO	CSL Exceedance	%ND> CSL	%Total> CSL
<b>Wet Weight</b>														
<i>Metals (mg/kg)</i>														
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Polychlorinated Biphenyls (ug/kg)</i>														
Total PCB Aroclors	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Petroleum Hydrocarbons (mg/kg)</i>														
Diesel Range Organics	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heavy Oil Range Organics	--	--	--	--	--	--	--	--	--	--	--	--	--	--

mg/kg - milligrams per kilogram

ug/kg - micrograms per kilogram

cPAH TEQ - carcinogenic polycyclic aromatic hydrocarbons toxic equivalent concentration

CSL - Cleanup Screening Level Washington State Sediment Management Standards (WAC 173-204-130(3) and (4))

ND - not detected

PAH - polycyclic aromatic hydrocarbon

PCB - polychlorinated biphenyl

PCE - tetrachloroethene

SCO - Sediment Cleanup Objective, Washington State Sediment Management Standards (WAC 173-204-130(3) and (4))

-- not applicable



**Appendix A**  
**Detailed Cleanup Site Location Maps**



**Table A-1  
South Lake Union Study Area  
Cleanup Sites  
Detail Map Location Guide**

Facility/ Site ID	Facility Name	Alternate Names	Address	Figure Number	Grid Name
77799839	1200 BLOCK DEXTER AVENUE		1200 BLOCK DEXTER AVE	A-3	C2
13741	1200 Madison Street Property		1000 MINOR AVE & 1200 MADISON S	A-16	E6
3279158	1214 8TH AVE	Cielo Apartments, Laconia Development	1214 8TH AVE	A-16	E6
8348	12th Ave Arts Associates LLC	Twelfth Ave Arts	1608 1620 12TH AVE	A-20	F5
21686	13th & Howell 1803		1803 13TH AVE	A-20	F5
20276	13th & Howell 1809		1809 13TH AVE	A-20	F5
91235794	1700 Seventh		1700 7TH AVE	A-9	D5
6625	1918 Eighth Office Tower	8th & Virginia Building	1918 8TH AVE	A-9	D5
19323	202 Westlake Office Building		202 WESTLAKE AVE N	A-8	D4
2457442	2021 MINOR AVE E	BERGER & ASSOCIATES, MINOR AVE EAST BLDG, THE BERGER PARTNERSHIP	2021 MINOR AVE E	A-11	E1
1815	230 Broadway East		230 BROADWAY E	A-19	F4
15119	400 Fairview LLC Seattle		412 FAIRVIEW AVE N	A-8	D4
861982	428 Westlake LLC		428 WESTLAKE AVE N	A-8	D4
3229556	4th & Virginia	Escala Condominiums, ESCALA OWNERS ASSOCIATION	1920 4TH AVE	A-9	D5
20345	525 Boren Building		525 BOREN AVE N	A-8	D4
4456856	600 wall street		600 WALL ST	A-6	C5
2908550	744 Harvard Ave		744 HARVARD AVE E	A-18	F3
8747213	818 Stewart St Construction Site		818 STEWART ST	A-9	D5
2456	9TH AV & LENORA ST SITE	WA Library for the Blind	2020 8TH AVE	A-9	D5
2404	A1 BRAKE	A1 Clutch and Brake	1520 10TH AVE	A-20	F5
2076	ABC METAL FINISHING Inc		528 PONTIUS AVE N	A-14	E4
24939396	ABC TOWING RYDER TRUCK	Chevron Vacant Site, Hampton Inn	707 TAYLOR AVE N / 700 5TH AVE N	A-4	C3
45455657	Alley 24 West LLC	RICHMOND PEMCO, TOMLINSON INC PONTIUS AVE	224 PONTIUS AVE N	A-14	E4
7811	Amazon VI	Amazon VI, City Place VI Bock 44	515 WESTLAKE AVE N	A-8	D4
3573	American Linen Supply Co Dexter Ave	Maryatt Industries	700 DEXTER AVE N	A-4	C3
6153541	Aoki Property		1314 E PIKE ST	A-22	G5
1908878	Archstone Belltown	FORMER WALL STREET TOWERS	500 WALL ST	A-6	C5
215799	ARE Seattle No 15 LLC	GILEAD SCIENCES	199 E BLAINE ST	A-12	E2
14584	Art Stable Building		516 YALE AVE N	A-14	E4
99996998	ASCO Property	224 WESTLAKE AVE N	224 WESTLAKE AVE N	A-8	D4
24436664	AUTO SERVICE COMPANY	SEATTLE CITY WESTLAKE	630 WESTLAKE AVE N	A-7	D3
27611753	Auto Service Europa Inc	COMPLETE AUTOMOTIVE INC UST 6518	717 DEXTER AVE N	A-4	C3
5186	B & O Building		1650 E OLIVE WAY	A-19	F4
22254391	Barg French Cleaners	HEIDEN BLDG	1929 3RD AVE	A-10	D6
6546	BARGREEN I	AMLI South Lake Union I	505 YALE AVE N & 1260 REPUBLICAN ST	A-14	E4
79418734	BASIL LEE PROPERTY	Lee Site	505 HARRISON ST	A-5	C4
3346	Belroy Court Apartments		725 BELLEVUE AVE E	A-13	E3
97413673	BENAROYA METROPOLITAN PARK NORTH TOWER	MOTORSPORTS INTERNATIONAL	1220 HOWELL ST	A-15	E5
35373584	BILTMORE GARAGE & APARTMENTS		105 BELLEVUE AVE E	A-14	E4
2249	BIRD JOHNSON Co	COOLIDGE PROPE, COLLIDGE PROPELLER, Sound Propeller Services, Inc	1608 FAIRVIEW AVE E	A-12	E2
17031	Block 19 7th and Lenora	Amazon Rufus 2.0 Blk19	2101 7TH AVE	A-9	D5
23876	Block 20 8th & Blanchard		2101 2121 8TH AVE & 2130 2100 7TH AVE	A-9	D5
15148	Block 26 W City Place II LLC		526 BOREN AVE N	A-8	D4
14637	Block 32 North Bldg City Place III LLC		1001 & 1021 MERCER ST 500 TERRY AVE N	A-8	D4
3834	Block 35 E City Place V		207 BOREN AVE N	A-8	D4
602477	Block 40 East & West Westlake & Terry		320 WESTLAKE AVE N	A-8	D4
7456	Block 45	Block 45 City Place VII	400 412 9TH AVE N	A-8	D4
33641566	BMW SEATTLE PIKE ST	NORMAN ENTERPRISES, Pike Motorsports	714 E PIKE ST	A-20	F5
609006	BRE Properties Inc	TEAMSTERS UNION PROPERTY	552 DENNY WAY & 553 JOHN ST	A-5	C4
17539	Broadstone Capitol Hill Venture LLC	11th & Union Property	1414 10TH AVE	A-20	F5
2509	BROADWAY CREST APARTMENTS		734 BROADWAY E BROADWAY HARVARD AVE	A-18	F3
3953436	Broadway QFC Project	JOULE APARTMENTS PROPERTY	E & E MERCER ST	A-19	F4

**Table A-1  
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Facility/ Site ID	Facility Name	Alternate Names	Address	Figure Number	Grid Name
76793183	BUDGET RENT A CAR BOREN	BUDGET RENT A CAR OF WA & OR UST 9889	1930 BOREN AVE	A-9	D5
93116644	BUDGET RENT A CAR OF WA & OR WESTLAKE	BUDGET RENT A CAR WESTLAKE AVE	2001 WESTLAKE AVE	A-9	D5
24572	Capitol Hill Park	Seven Hills Park	1514 E HOWELL ST	A-22	G5
18688	Cascade 1 & 2 Apartments		MINOR & FAIRVIEW AVE N,	A-8	D4
10210	Cascade Supportive Housing		424 MINOR AVE N	A-14	E4
64349368	CHARLIES RESTAURANT		1500 FAIRVIEW AVE E	A-12	E2
93469186	CHEVRON 95723	MIKE BEASLEYS CHEVRON SERVICE	1225 DENNY WAY	A-14	E4
56827327	Chevron USA Inc 90123	BROADWAY & ROY CHEVRON, BROADWAY ROY 76	915 E ROY ST	A-18	F3
1419215	Chijako Restaurant	1000 MADISON, LLC	1016 MADISON ST	A-16	E6
2494	City Mini Storage		2000 TERRY AVE	A-8	D4
16746	City Place IV Block 34		331 BOREN AVE N	A-8	D4
4852	CK Graphics Inc		501 E PIKE ST	A-15	E5
48896698	Color Service Inc	Urban Union Development	509 FAIRVIEW AVE N 1114 REPUBLICAN ST	A-7	D3
44999856	Craftsman Press		1155 VALLEY ST	A-7	D3
18615	Creases Dry Cleaner	Williamsburg Court Apartments	1820 TERRY AVE	A-9	D5
19790	Cue Apartment Property		721 725 E PINE ST, 1527 HARVARD AVENUE	A-20	F5
46536571	Daniel Boone Paint Co Inc Seattle		1401 1405 DEXTER AVE N	A-3	C2
41751629	DENNY WAY SHELL	DENNY WAY SHELL & LIQUOR, STADIUM MARKET SHELL, Wrights Restaurant	620 DENNY WAY	A-5	C4
35612846	DIAMOND PARKING SERVICES	SHELL 809 OLIVE WAY	809 OLIVE WAY	A-9	D5
37162797	DOLLAR RENT A CAR UST 4366		7TH & STEWART	A-9	D5
96562157	Eastlake Auto Ctr	EASTLAKE AUTOMOTIVE INC DBA SCOTTS S	215 E GARFIELD ST	A-12	E2
66184117	ELEPHANT CAR WASH UST 4919		616 BATTERY ST	A-5	C4
22102	ENSO 2201 Westlake		2201 WESTLAKE AVE	A-9	D5
18780	Equinox Apartments		1520 EASTLAKE AVE E	A-12	E2
12349466	FAIRFIELD SUITES	MARRIOTT FAIRFIELD SUITES INN, SPRINGHILL SUITES	1808 & 1812 YALE AVE	A-15	E5
59628945	FAIRVIEW WAREHOUSE 070299		800 820 FAIRVIEW	A-7	D3
59162297	Fat City Inc Seattle	8th and Thomas JV LLC	777 THOMAS ST	A-5	C4
7635371	FEDERAL APARTMENTS (Gemperle Group)	THE GEMPERLE GROUP, INC.	419-425 FEDERAL AVE S	A-19	F4
51352493	FEDERAL COURTHOUSE	GENERAL SERVICES ADMINISTRATION FEDERAL BUILDING, US GENERAL SERVICES ADMINISTRATION, US GSA FEDERAL COURTHOUSE	700 STEWART ST	A-9	D5
2121	FIBERLAY INC		1158 FAIRVIEW AVE N	A-13	E3
21907	Fifth and Broad Property	1221 Denny LLC, Seattle Monorail Project	417 BROAD ST	A-5	C4
32145888	Firestone Tire & Rubber Co	FIRESTONE STORE 31A9	400 WESTLAKE AVE N	A-8	D4
7028351	FIRST CHOICE BUSINESS MACHINES	AT&T WIRELESS DENNY WAY & STEWART	1333 STEWART ST	A-14	E4
45618198	Foley Sign Co Inc	PACKARD BUILDING	1205 E PINE ST	A-20	F5
92971258	Foreign Auto Rebuild Inc		421 EASTLAKE AVE E	A-14	E4
2368	FRED HUTCHINSON CTR LK UNION	FUZZY WUZZY, KOLL LAKE UNION ASSOCIATES, PBS SUPPLY	EASTLAKE AVE E & FAIRVIEW AVE N	A-12	E2
7891850	Fred Hutchinson Research Ctr Phase IV		900 FAIRVIEW AVE N	A-13	E3
12733468	FREEWAY GARAGE		1512 8TH AVE	A-10	D6
1996895	Freytmuller Enterprises Inc	LAKESHORE PROPERTY #005, LC'S DELI, LOS DELI 213	1108 AURORA AVE N	A-4	C3
2473	FUZZY WUZZY RUG CO	FRED HUTCHINSON PROPERTY, Seattle Mental Health Institute	815 EASTLAKE AVE E	A-13	E3
82656848	GM Westlake Buick Dealership	GENERAL MOTORS CORP SEATTLE COMM	101 WESTLAKE N	A-8	D4
39199977	Goodyear Svc Store Seattle 8841	GOODYEAR ASC 8841, Goodyear Stewart Street	1105 STEWART ST, 1812 BOREN AVENUE	A-15	E5
1197848	Greiling Property	CULINARY COURIERS INC, EVANGELICALS CONCERNED	222 WESTLAKE AVE N	A-8	D4
89512719	Greyhound Lines Inc Seattle 780013	Department of Lighting, GREYHOUND TERMINAL 7882, Seattle City Light	1250 DENNY WAY	A-14	E4
41719156	Gunn Building	Denny Way Seattle	FL	A-12	E2

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2577	HAUG CORP PROPERTY	BAL-DEN FAMILIES, Lake Union Investments LLC, NOAA Pacific Marine Center, Seaboard, United States Seafoods Inc	1801 1949 FAIRVIEW AVE E	A-11	E1
49583363	HERTZ RENT A CAR SEATTLE	HERTZ CORP PIKE ST	722 PIKE ST	A-10	D6
15424	Hill 7		1821 BOREN AVE & 1013 STEWARD ST	A-9	D5
3975713	Honda of Seattle		1015 OLIVE WAY	A-15	E5
95525112	Hugh Corbett Building	NATIONAL CAR RENTAL SYSTEM INC UST 6830, NATIONAL CAR RENTAL SYSTEM INC WESTLAKE, WESTLAKE TOWER	1942 WESTLAKE AVE	A-9	D5
54847534	Hughes Irrevocable Inter Trust	BEVERLY MACKEY PROPERTY, HUGHES REVOCABLE INTERVIVOS TRUST, HUGHES TRUST BUILDING	1220 REPUBLICAN ST	A-14	E4
16694	Inhabit Eastlake		1823 EASTLAKE AVE E	A-12	E2
89321698	International Clinical Laboratory	Aquatic Resources, TOMLINSON INC UST 101462	1100 E UNION ST	A-20	F5
84512858	Interstate Brands Corp Hostess	CONTINENTAL BAKING, CONTINENTAL BAKING UST 4770, INTERSTATE BRANDS CORP AURORA AVE	434 AURORA AVE N	A-5	C4
2593	IRIS Holding LLC		500 5TH AVE N	A-5	C4
85883854	IVAR S COMMISSARY	TERRY DRUM	500 TERRY AVE N	A-8	D4
35788635	Ivey Imaging LLC Seattle	Bayless Book Bindery, IVEY IMAGING LLC SEATTLE, PHOTOBITION 9TH AVE	427 9TH AVE N	A-8	D4
84772579	Japanese Auto Clinic		600 DENNY WAY	A-5	C4
2137	JARVIE PAINT MFG CO	PAMECO AIRE SEA	760 ALOHA ST	A-4	C3
65362336	JARVIE PAINT MFG CO INC		758 760 ALOHA ST	A-4	C3
31325769	Jiffy Lube Store 2077	MINIT LUBE 1113, Shell 2025 4th, Seattle	2025 4TH AVE	A-6	C5
59168749	KENNEY PROPERTY	Frank Kenney Toyota Auto Repair and Sales, ROLLIN STREET FLATS	100 WESTLAKE AVE N 120 WESTLAKE	A-8	D4
4919889	KERNER SCOTT HOUSE		510 MINOR AVE N	A-14	E4
26674683	LAKE UNION AIR SERVICE INC SEATTLE	AGC BUILDING, LAKE UNION AIR PARCEL C, LAKE UNION PARCEL C PROPERTY, PARKING LOT, SEATTLE COMMONS, SEATTLE COMMONS PARCEL C	930 WESTLAKE AVE N	A-7	D3
2203	Lake Union Dry Dock Co		1515 FAIRVIEW AVE E	A-12	E2
7165	LAKE UNION III LLC		410 TERRY N 415 BOREN N	A-8	D4
2250	LAKE UNION STEAM PLANT		1179 EASTLAKE AVE E	A-12	E2
77762577	Lake Union Terrace II	1800 EASTLAKE AVENUE EAST APARTMENTS	1800 EASTLAKE AVE E	A-12	E2
91413494	Lenora Building		2101 9TH AVE, 2118 WESTLAKE AVENUE	A-9	D5
83475673	Lous Chevron	BROADWAY & PINE APTS, CHEVRON 93068, PROPOSED WALGREEN'S AND APARTMENT BUILDING	1531 BROADWAY	A-20	F5
63399926	LOW INCOME HOUSING INSTITUTE		1811 EASTLAKE AVE	A-15	E5
2224749	Maaco Auto Painting Bodywork 9th Ave		739 9TH AVE N	A-7	D3
93421953	MARINA MART COMPLEX		1500 WESTLAKE AVE N	A-3	C2
13903	Marion Apartments		320 E PINE ST	A-15	E5
9607339	Marlborough House		1220 BOREN AVE	A-16	E6
2455	MARYATT INDUSTRIES	American Linen Supply	771 VALLEY ST	A-4	C3
51379913	Mastercraft Metal Finishing Inc		1175 HARRISON ST	A-8	D4
28619431	Medical Dental Bldg		509 OLIVE WAY, STE 1062	A-9	D5
11412	Melrose & Pine Development		1527 1535 BELLEVUE AVE E, 1530 MELROSE AVE 301 E PINE ST	A-15	E5
2407	MELROSE APARTMENTS PROPERTY		1520 MELROSE AVE	A-15	E5
8984	Mercer Operating Base		520 5TH AVE N	A-5	C4
21973	Modera Capitol Hill	Pit Lot Capitol Hill	1427 11TH AVE	A-20	F5
58429391	MUZAK BUILDING		915 YALE AVE N	A-13	E3
25678675	MYLES STANDISH		420 MERCER ST	A-4	C3

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4345275	NEPTUNE APARTMENTS proposed		900 DEXTER AVE N, 912 DEXTER AVE N & 760 ALOHA ST	A-4	C3
84878976	NETTLETON APTS		1000 8TH AVE	A-16	E6
77948398	NEUFFER CONSTRUCTION COMPANY		5TH & BLANCHARD	A-6	C5
53565712	NEW RICHMOND LAUNDRY		224 PONTIUS ST N	A-8	D4
95766564	Officemporium Inc		1715 E OLIVE WAY	A-19	F4
47192364	OLD BRITISH MOTORCAR		7TH & BELL	A-6	C5
39131231	OVERALL LAUNDRY SERVICES INC SEATTLE		200 222 YALE AVE N	A-14	E4
91258865	PACIFIC PLACE	FREDERICK & NELSON BLDG FORMER, GARAGE SYSTEM GARAGE, PINE STREET DEVELOPMENT, SYSTEMS GARAGE	6TH & 7TH & OLIVE WAY & PINE	A-9	D5
20038	Panorama House Venture LLC	Panorama House Apartments	1100 UNIVERSITY ST	A-16	E6
5025986	Paramount Theatre	SOUND TRANSIT PINE ST STUB TUNNEL	911 PINE ST	A-15	E5
2480537	PARK PROPERTY		2031 EASTLAKE AVE E	A-11	E1
3288056	PARKER BLDG		1134 BROADWAY	A-21	F6
16549191	Payette Industries		535 PONTIUS AVE N	A-14	E4
36533718	PCY CORP		601 6TH AVE N	A-4	C3
68518755	Pemco Mutual Insurance Co	PEMCO Ethylene Glycol Spill, PEMCO FINANCIAL CENTER - Ethylene Glycol Spill, Pemco Insurance - UST Removal 2012, , PEMCO UST Removal 2012	325 EASTLAKE AVE E	A-14	E4
27279158	PEMCO PROPERTY		221 YALE AVE	A-14	E4
27281843	Peoples Car Repair	900 FAIRVIEW 070C47	900 FAIRVIEW N	A-13	E3
43455148	Phil Smart Inc	AVA Capitol Hill (600 E Pike), PHIL SMART MERCEDES/BMW	600 E PIKE ST	A-15	E5
89162289	Pioneer Construction Materials Fairview	Chandlers Cove Ltd Partnership	901 FAIRVIEW AVE N	A-7	D3
84235285	PLAID PANTRY NO 309		720 TAYLOR AVE N	A-4	C3
22365	Potala Tower Seattle	Dean Transmissions	2116 4TH AVE	A-6	C5
26421294	PROPOSED SUMMIT APARTMENTS		16 1700 DEXTER N	A-3	C2
1833137	Qwest Corporation W00328	MINOR SOC 070328, US WEST COMMUNICATIONS W00328	900 MINOR AVE N RM 108	A-7	D3
82838425	Rainier Precision LLC	ZYMOGENETICS, INC	1150 EASTLAKE AVE E	A-13	E3
57922732	Ratelco Electronics Inc	RATELCO HEADQUARTERS	1260 MERCER ST	A-13	E3
31397419	RECREATIONAL EQUIPMENT INC SEATTLE	REI, VALUE VILLAGE	1525 11TH AVE	A-20	F5
53527421	RED APPLE MARKET	DAVES APPLIANCE REPAIR	1400 E PINE ST	A-22	G5
21844229	RED CARPET CAR WASH		1164 DENNY WAY	A-8	D4
5253876	Reid Apartments Former Site		2205 10TH AVE E	A-17	F1
92642343	REPUBLICAN ST SITE	Block 10 NE City Investors, Block 10 NE Former Supply Laundry	1265 REPUBLICAN ST	A-14	E4
44269448	REPUBLICAN STREET PROPERTIES	REPUBLICAN ST SITE (NOT 1265 REPUBLICAN)	1206-1210 REPUBLICAN ST	A-20	F5
54147485	REXLAND CO INC		2126 3RD AVE	A-6	C5
7706588	RON & JERRYS ICE CREAM FORMER	FORMER BASKIN ROBBINS, TNT ESPRESSO, TWISS PROPERTY H & A INVESTMENT PROPERTY, INTERURBAN EXCHANGE 2, TECH II, WA UW ROSEN BLDG	324 BROADWAY E	A-19	F4
2500	Rosen Property		960 REPUBLICAN ST	A-8	D4
3644935	Rothrock Property		1051 SUMMIT AVE E	A-13	E3
2466	RUTH ASHBROOK BAKERY	P & B Productions, Salvation Army Social Serv Warehouse	1416 10TH AVE	A-20	F5
32368748	Seattle Auto Center	AIBS Building Block 43, AIBS Building LLC, AIBS BULDING LLC BLK 43, Block 43, Block 43 South Lake Union, PACIFIC LINCOLN MERCURY NISSAN	601 WESTLAKE AVE N	A-7	D3
6661095	Seattle Cancer Care Alliance House		1216 JOHN ST	A-14	E4
6128362	Seattle Childrens Hospital Research Inst	1900 9TH AVE, CORIXA CORPORATION, CORIXA CORPORATION 9TH & STEWART	1900 9TH AVE	A-9	D5
29938898	Seattle City Dept of Admin SV	SEATTLE CITY UST BOREN AVE, Seattle S Lake Union Park	1000 VALLEY ST 815 BOREN AVE N	A-7	D3
21735	Seattle City DOT ROW 710 9th Ave N	Seattle DOT Mercer Corridor Project	710 9TH AVE N	A-7	D3
14237126	Seattle City Parks NW Seaport		1002 VALLEY ST	A-7	D3

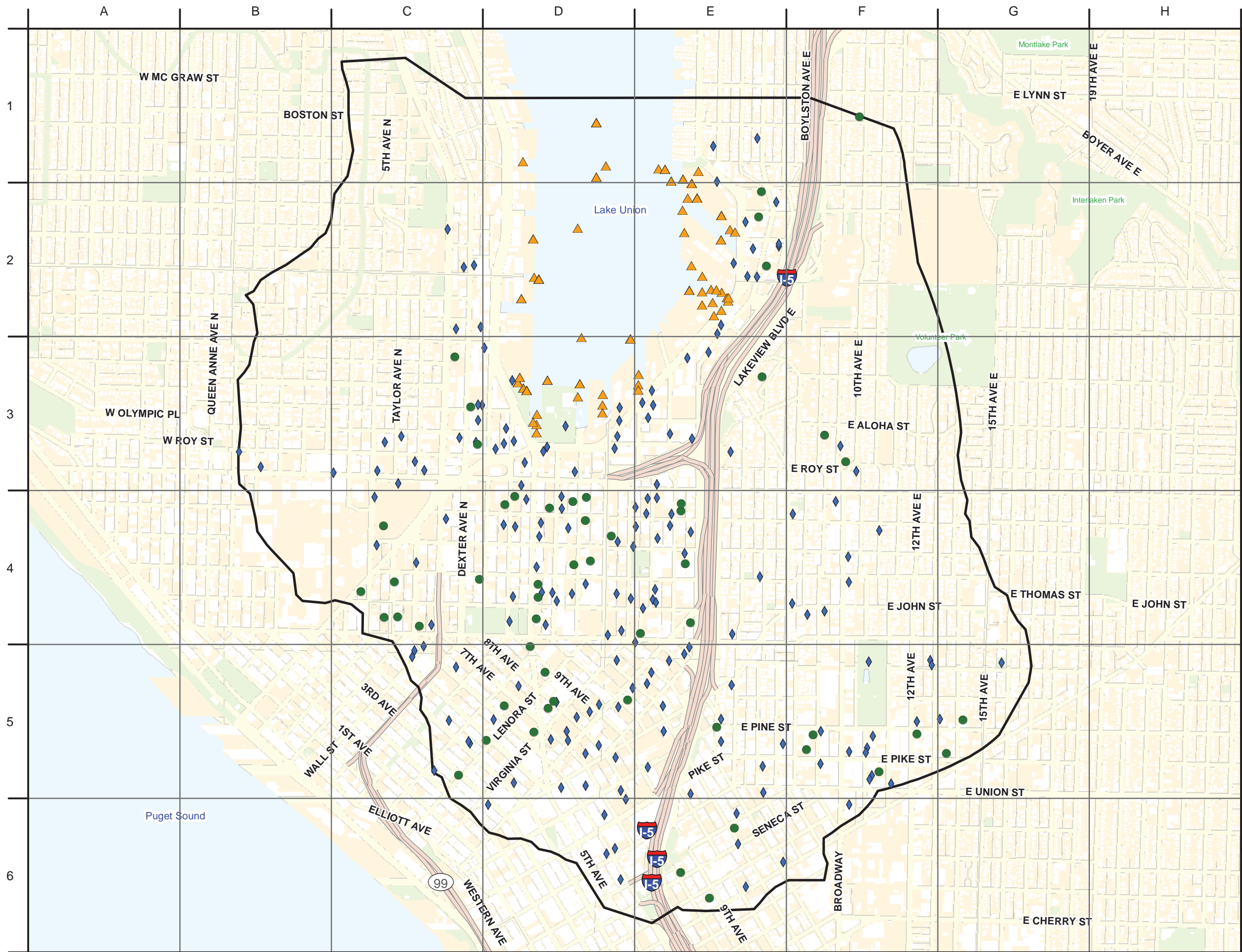
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45112163	SEATTLE CITY POWER CONTROL CENTER	SEATTLE CITY PCC	157 ROY ST	A-2	B3
5972599	Seattle City ROW behind 222 Westlake N		ALLEY 222 WESTLAKE & 219 TERRY AVES N	A-8	D4
95811428	Seattle City Roy Street Facility	ROY ST SHOPS 89	802 ROY ST	A-7	D3
2594	SEATTLE CITY SEATTLE CTR PROP	Supersonics Training Facility	601-615 MERCER ST	A-4	C3
29946537	SEATTLE FIRE STATION 25		1300 E PINE ST	A-22	G5
56642815	Seattle Hilton Hotel Parking Garage	AMPCO PARKING HILTON HOTEL GARAGE	1301 6TH AVE	A-10	D6
84466254	Seattle Motor Sports	Buca di Beppo, Buca di Beppo Ducati, Ducati	701 9TH AVE N	A-7	D3
2173	SEATTLE POST INTELLIGENCER		521 WALL ST	A-6	C5
56583225	Seattle School Dist 1 Facilities Bldg		810 DEXTER AVE N	A-4	C3
69141722	Seattle School Dist 1 Sch Support Svc	Old School Warehouse	1255 HARRISON ST	A-8	D4
4377754	Seattle Times		1120 JOHN ST	A-8	D4
8396751	Seattle Times Parcel 1B	PARCEL 1B TAX#2468400025	100 FAIRVIEW AVE N	A-8	D4
95376999	Seattle Vagabond Inn	Seattle City Light Vagabond Inn, Seattle Pacific Hotel	325 AURORA AVE N	A-5	C4
99377872	Shell Oil Product US SAP 121433	Lakefront Investors 1 LLC, TEXACO STATION 632320400 UST 3320, TEXACO STATION 632321472, TEXACO STATION BOREN AVE	601 BOREN AVE N	A-7	D3
10444294	Shell Station 120682	Broadway Shell, TEXACO STATION 632320267, TEXACO STATION BROADWAY	1500 BROADWAY	A-20	F5
56494947	Sheraton Seattle Hotel & Towers	7TH AND UNION	1400 6TH AVE	A-10	D6
19519	Sixth & Lenora Apartments		2121 6TH AVE	A-9	D5
11842931	Smith Gandy Bldg		1100 OLIVE WAY	A-15	E5
11720	South Lake Union 293 Parcel A	SLU 293 Parcel A	424 BOREN AVE N	A-8	D4
92546394	STERLING REALTY ORGANIZATION CO	CHEVON SERVICE STATION 20-7626, SIGNAL SERVICE STATION S-41-28	2101-2111 5TH AVE	A-6	C5
68676891	Stewart Court Apartments		1835 8TH AVE	A-9	D5
19034	Stream Belmont		500 BELMONT AVE E	A-19	F4
8826590	Tax Parcel 069600-0025	Martin Apartments	2101 2105 & 2111 5TH AVE	A-9	D5
9475	Taylor and Denny New Building		101 TAYLOR AVE N	A-5	C4
3245101	TERRY AVENUE APARTMENTS LLC		1823 TERRY AVE	A-9	D5
34769673	Terry Avenue Condos		1420 TERRY AVE	A-15	E5
95359121	THOMAS PARK RIDGE APTS	SUMMIT TOWER APT	301 SUMMIT AVE E	A-14	E4
83346748	TOMLINSON INC UST 101457	New Richmond Laundry UST F, West Bock 10 City Investors	414 420 PONTIUS AVE N & 1260 HARRISON	A-14	E4
46445373	TOSCO 25535330857	CONOCOPHILLIPS 30857, UNOCAL 5353, WESTLAKE/MERCER CLEANUP SITE	600 WESTLAKE N	A-8	D4
1513190	Tower Records Former		500 MERCER	A-4	C3
22279988	TRITELL LLC PARKING LOT	Kinects Tower	1821-1823 MINOR AVE	A-15	E5
19135499	TROY LAUNDRY SEATTLE	SEATTLE TIMES, Seattle Times Co	334 BOREN AVE N & 307 311 FAIRVIEW AVE N	A-8	D4
16345761	United Furniture Refinishers	RELOCATION SVC INC	219 TERRY AVE N	A-8	D4
6716621	United Graphics Seattle	HARVARD MARKET	1401 BROADWAY	A-20	F5
88917423	UNOCAL 5474	BROADWAY PLAZA	700 BROADWAY E	A-18	F3
72787378	US BANK	EASTLAKE REMODAL	1551 EASTLAKE AVE E	A-12	E2
66614778	US BANK FRANKLIN AVE	US BANK UST 8901	1600 FRANKLIN AVE E	A-12	E2
3044926	USBank Capitol Hill Project		130 HARVARD AVE E	A-19	F4
2057376	VACANT Former KFC		1001 E PINE ST	A-20	F5
4639999	Van DE Kamps Dutch Bakery		823 YALE AVE N	A-13	E3
17409	VIRGINIA MASON EAST CAMPUS ADDITION		SENECA ST & BOREN AVE	A-16	E6
77746366	WA STATE CONVENTION & TRADE CENTER	ELLIOTT HOTEL	8TH & PINE	A-9	D5
95373825	WA UW 815 Mercer	PSE MERCER OFFICE, PSE UW 815 MERCER - 1992 TANK REMOVAL, PSE UW 815 MERCER - 1998 TANK REMOVAL, PUGET SOUND ENERGY UST 9866, UW Medicine Phase 2, WASHINGTON NATURAL GAS MERCER ST OFFICE	850 REPUBLICAN ST & 815 MERCER	A-8	D4
65657666	Washington Athletic Club	Washington Athletic Club Garage	1405 6TH AVE	A-10	D6
13703	Weiss Jenkins XIII Site		504 YALE AVE N	A-14	E4

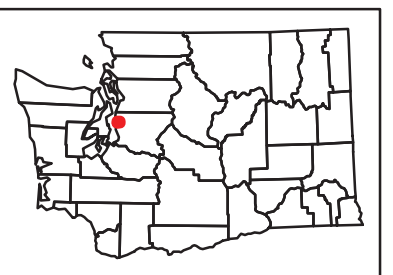
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800946	West 8th Building		718 VIRGINIA ST & 2001 8TH AVE	A-9	D5
2436937	WESTERN VAN LINES INC	BMS Investments, Brooke Matty Smith (BMS), Brooke Real Estate Venture, DUCKY'S OFFICE FURNITURE, NASH Holland Denny Investors	964 970 DENNY WAY	A-8	D4
48378793	WESTLAKE BUILDING	1219 WESTLAKE AVENUE	1219 WESTLAKE AVE N	A-3	C2
1393421	Westlake Chevrolet	PROPERTY	2030 8TH AVE	A-9	D5
7129620	Westlake Properties	Westlake Steps Lot 1	1105 1111 1121 1207 1219 WESTLAKE AVE N	A-7	D3
39249397	WESTLUND BLDG		1309 SUMMIT AVE	A-15	E5
25287143	WILLIAM ARNOLD	Texaco Pro Investments	150 MERCER ST / 600 WARREN AVE N	A-2	B3
92673819	YALE ST PARKING GARAGE	PEMCO PARKING, PEMCO Parking Concrete Cutter, Yale Ave N Parking Garage, Yale Ave N Parking Garage - Concrete Cutter	300-320 YALE AVE N & 325 EASTLAKE AVE E	A-14	E4
32299141	YALE STREET LANDING		1001 FAIRVIEW AVE N	A-13	E3
55267187	YEDOR PROPERTY		SW CORNER OLIVE WAY & BELLEVUE	A-15	E5
2495	YELLOW CAB	DIAMOND TANK TRANSPORT, DIAMOND TANK TRANSPORT, INC, PUGET SOUND YELLOW TAXI & TRANSPORT INC	912 DEXTER AVE N	A-4	C3





- Legend**
- Site Location With EIM Data
  - ◆ Site Location Without EIM Data
  - ▲ Sediment Sample Location
  - ▭ South Lake Union Study Area



0 650 1,300 2,600 Feet

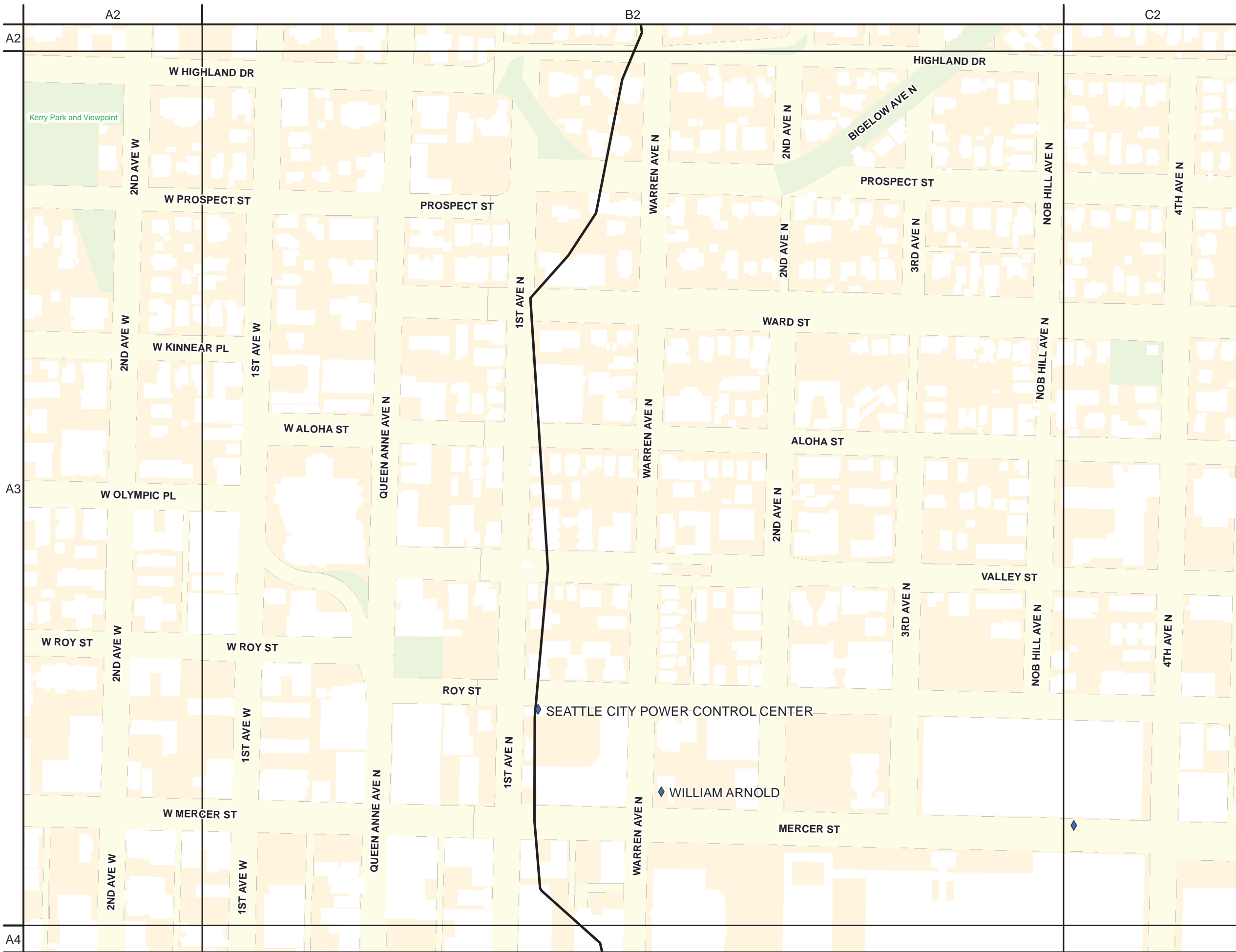
1 inch = 1,300 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet




**Figure A-1.**  
South Lake Union Study Area -  
Site Locations

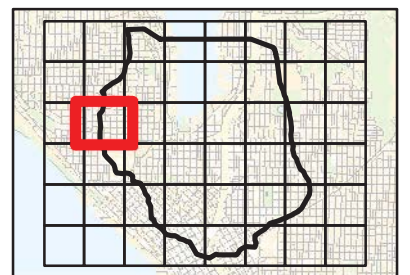


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Date: 6/29/2017  
Job No: 320380.00.000.05.30.000



**Legend**


-  Site Location Without EIM Data
-  Index Grid
-  South Lake Union Study Area



0 115 230 460 Feet

1 inch = 230 feet

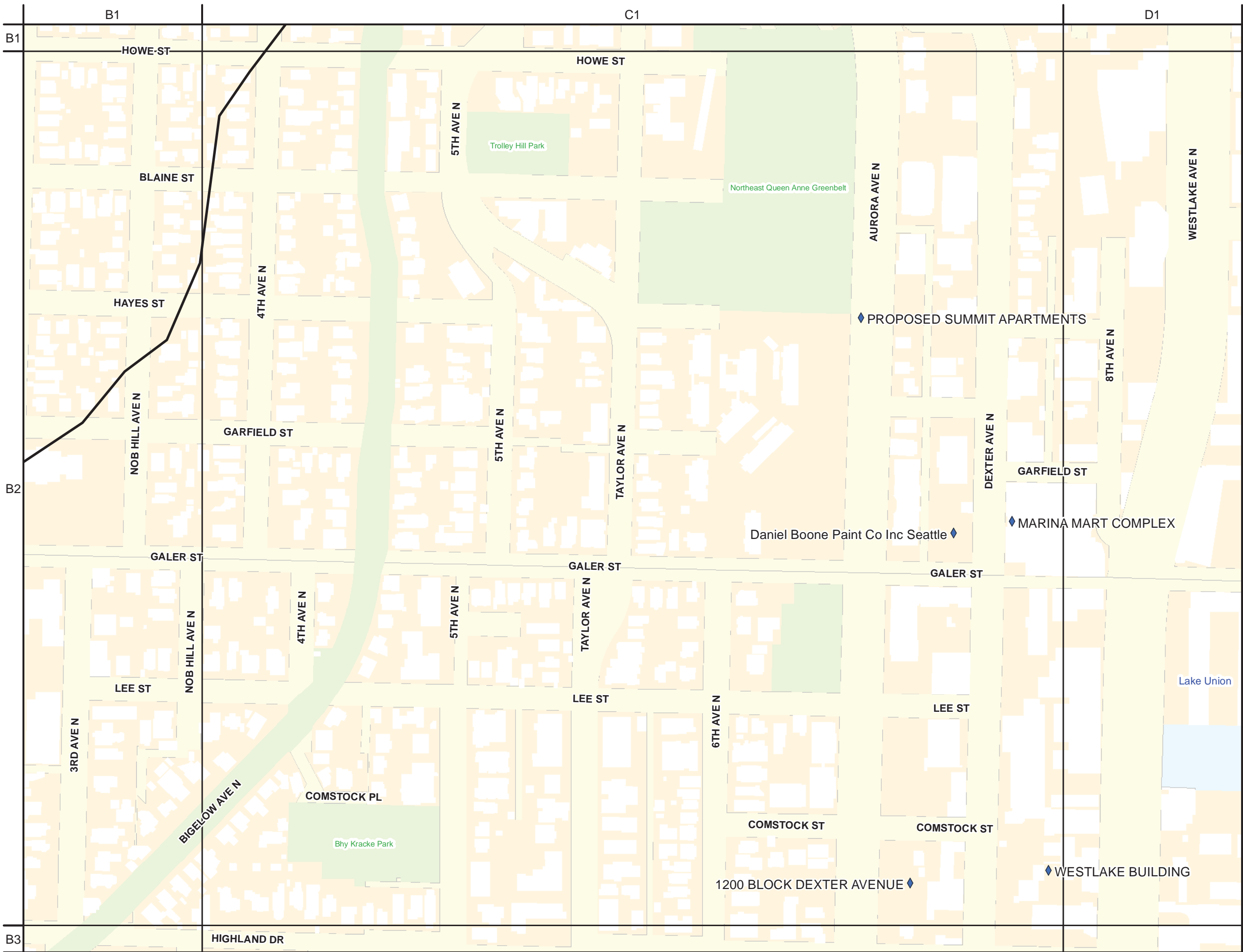
Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet






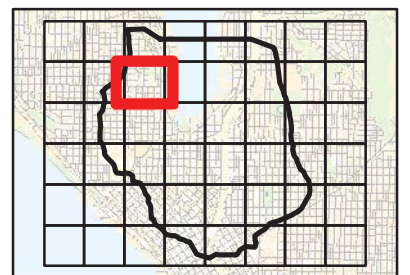
**Figure A-2.**  
South Lake Union Study Area -  
Site Locations in Grid B3



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Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
-  Site Location Without EIM Data
  -  Index Grid
  -  South Lake Union Study Area



0 115 230 460 Feet

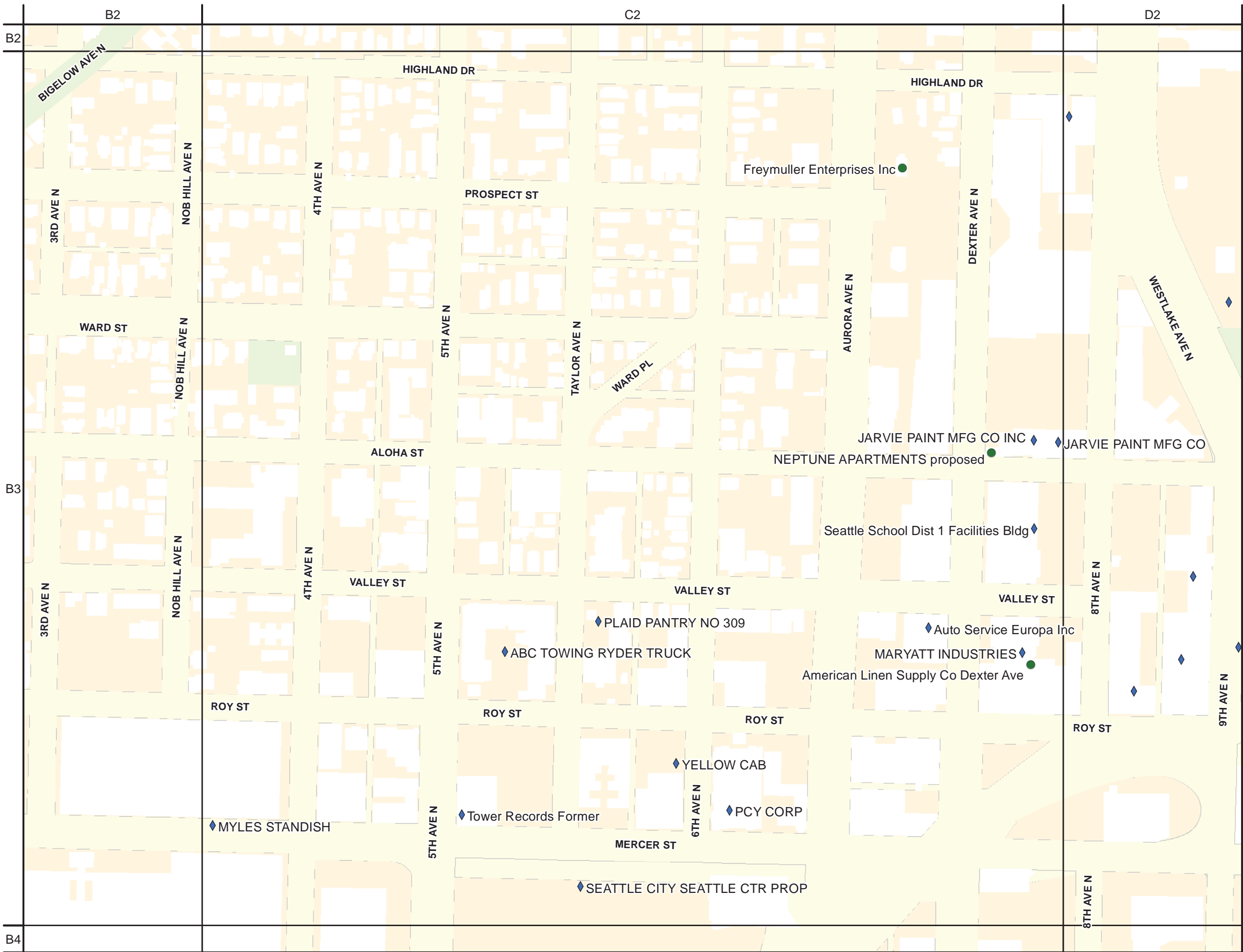
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-3.**  
South Lake Union Study Area -  
Site Locations in Grid C2

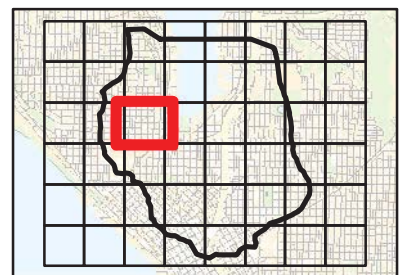


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid



0 115 230 460 Feet

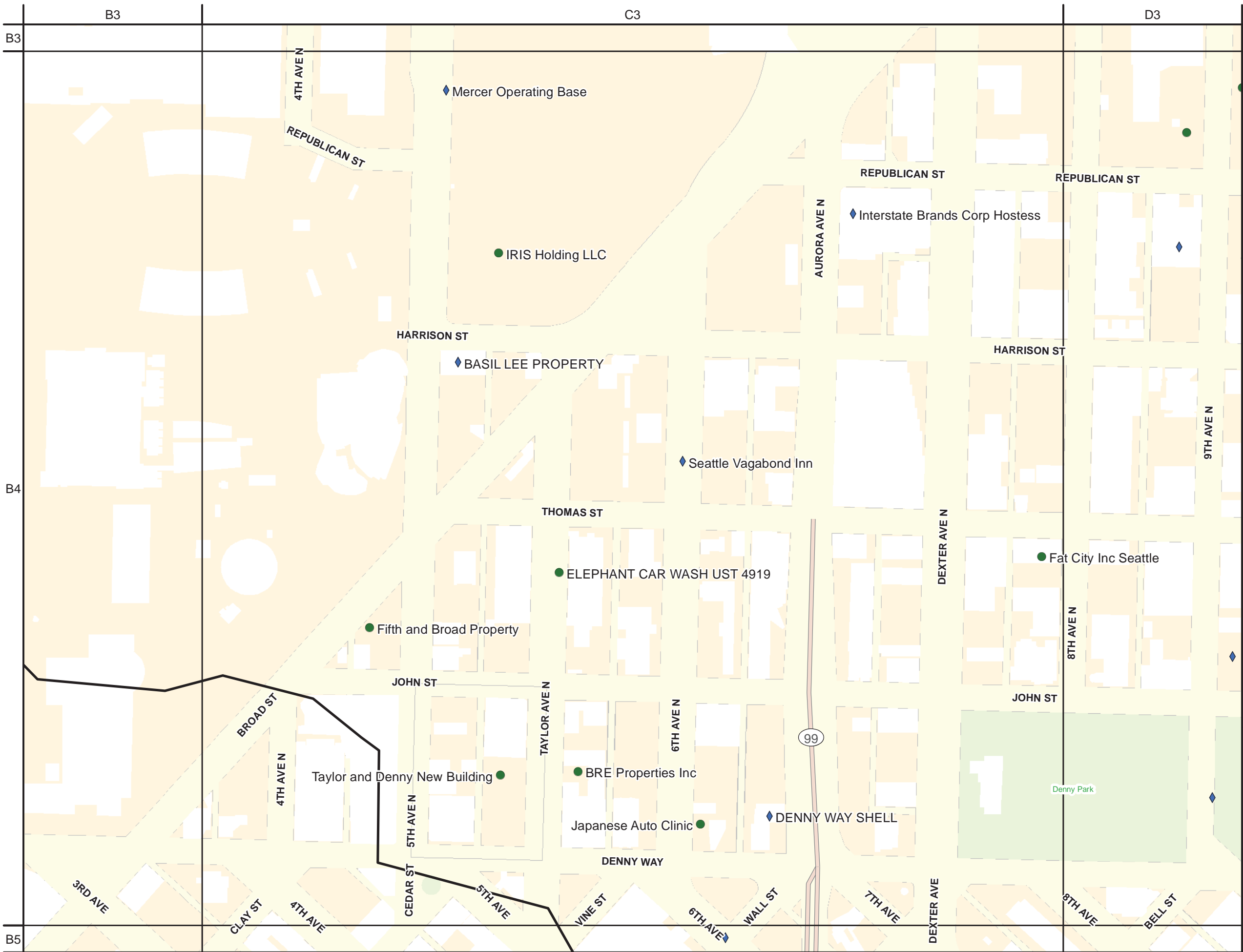
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-4.**  
South Lake Union Study Area -  
Site Locations in Grid C3

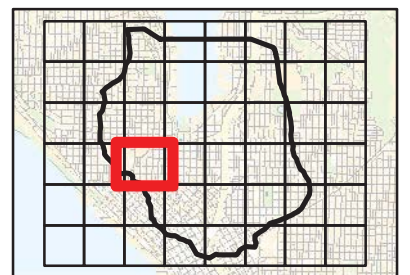


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid
- South Lake Union Study Area



0 115 230 460 Feet

1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-5.**  
South Lake Union Study Area -  
Site Locations in Grid C4

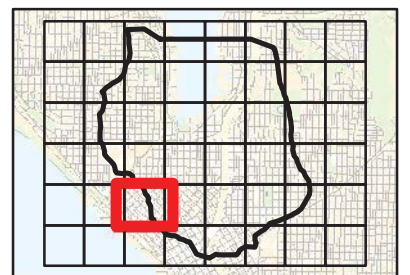


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid
- South Lake Union Study Area



0 115 230 460 Feet

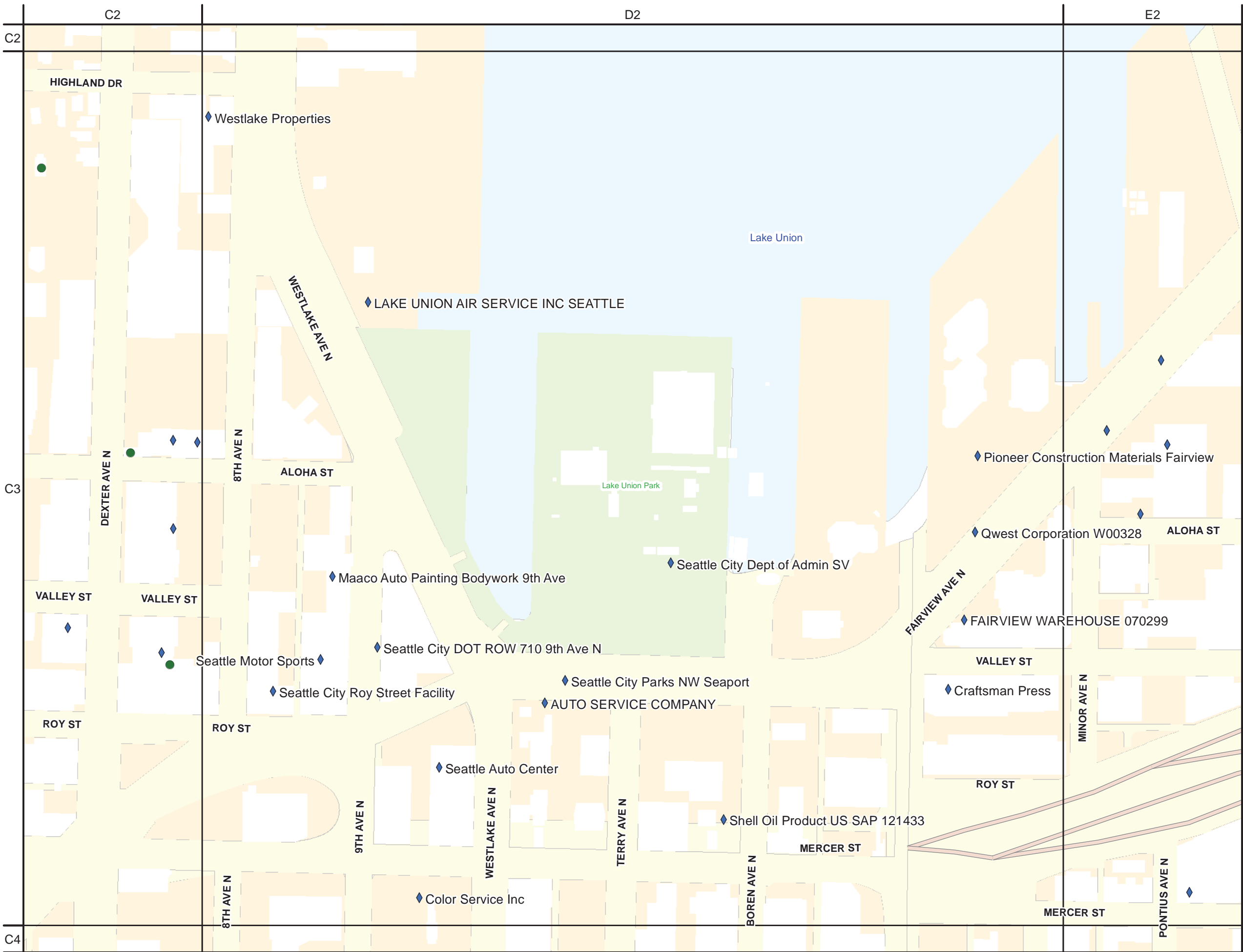
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-6.**  
South Lake Union Study Area -  
Site Locations in Grid C5

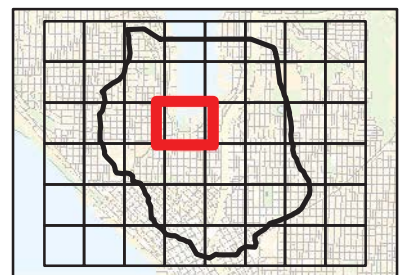


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid



0 115 230 460 Feet

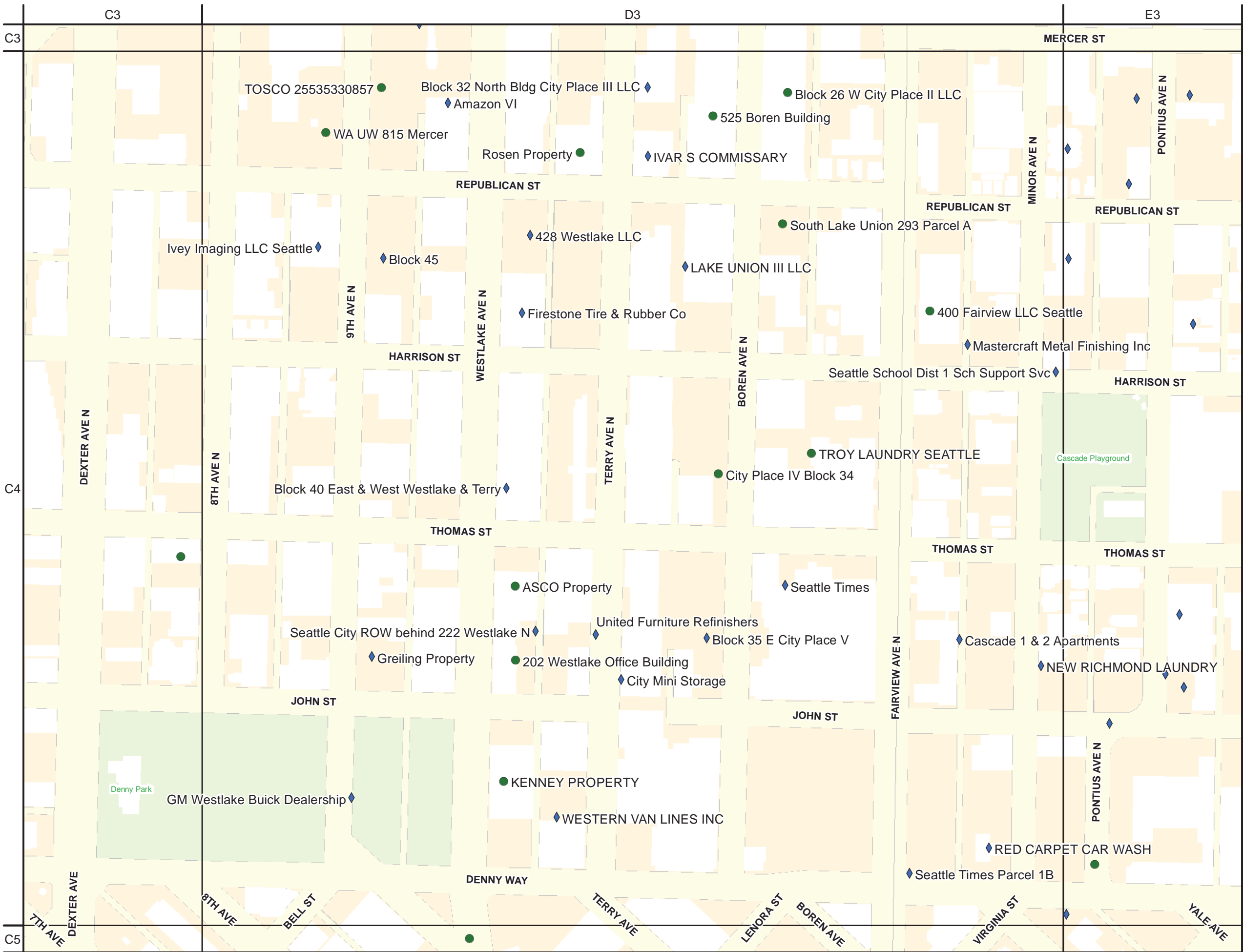
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-7.**  
South Lake Union Study Area -  
Site Locations in Grid D3

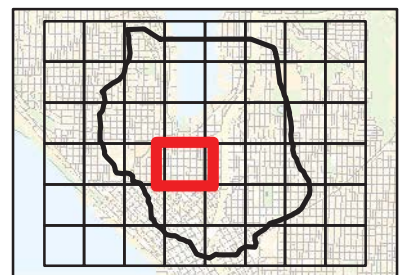


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid



0 115 230 460 Feet

1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-8.**  
South Lake Union Study Area -  
Site Locations in Grid D4



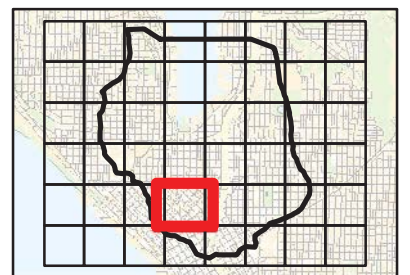
Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000





**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid



0 115 230 460 Feet

1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

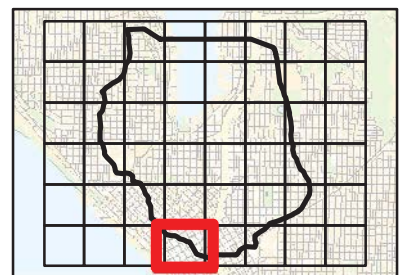
**Figure A-9.**  
South Lake Union Study Area -  
Site Locations in Grid D5



Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
- ◆ Site Location Without EIM Data
  - Index Grid
  - South Lake Union Study Area



0 115 230 460 Feet

1 inch = 230 feet

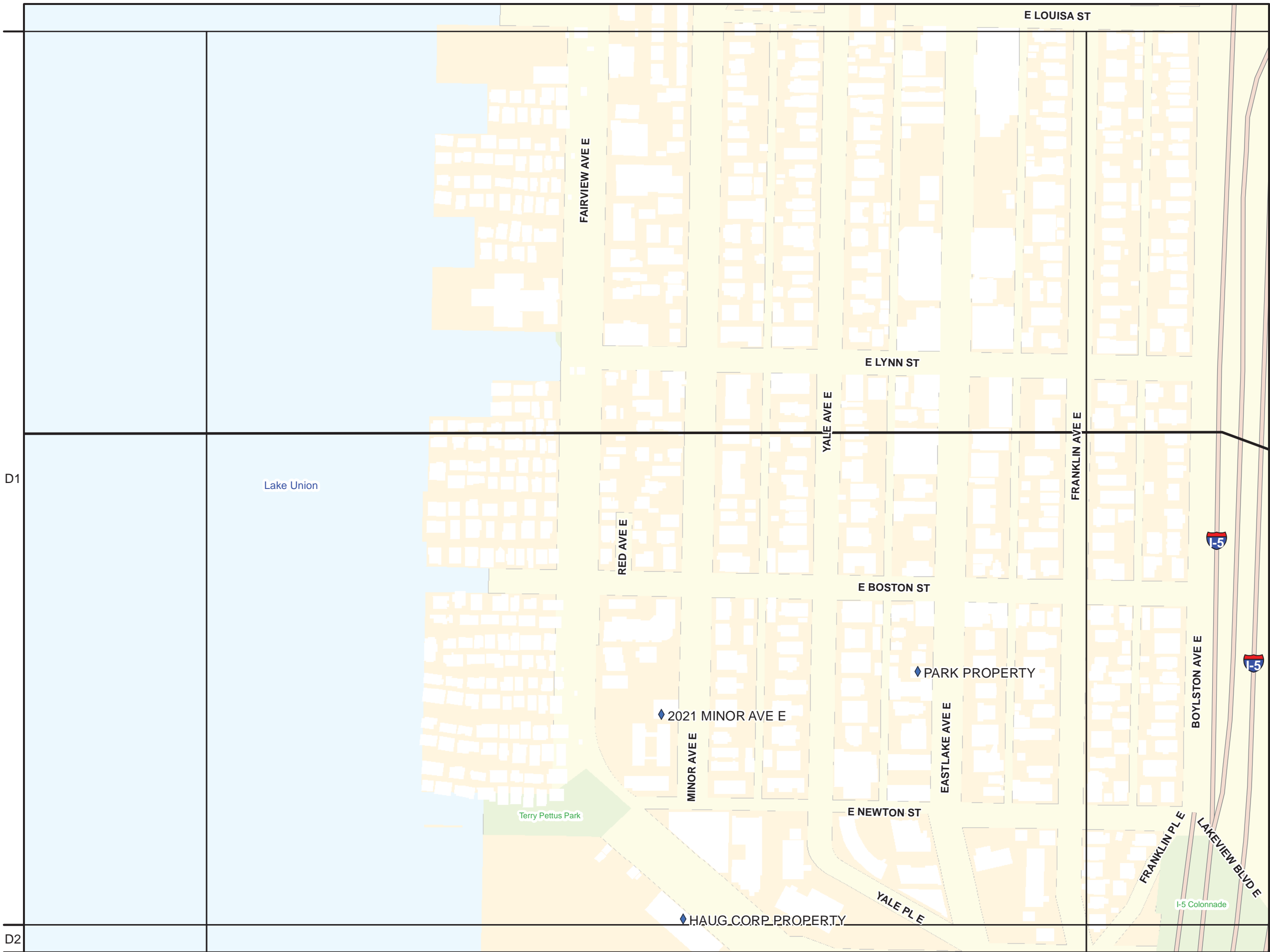
Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet




**Figure A-10.**  
South Lake Union Study Area -  
Site Locations in Grid D6

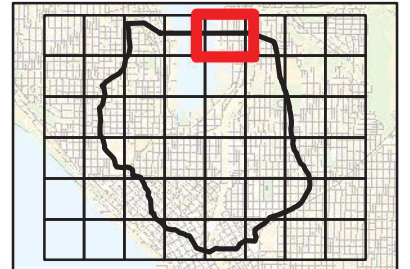


**leidos**

Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
-  Site Location Without EIM Data
  -  Index Grid
  -  South Lake Union Study Area



0 115 230 460 Feet

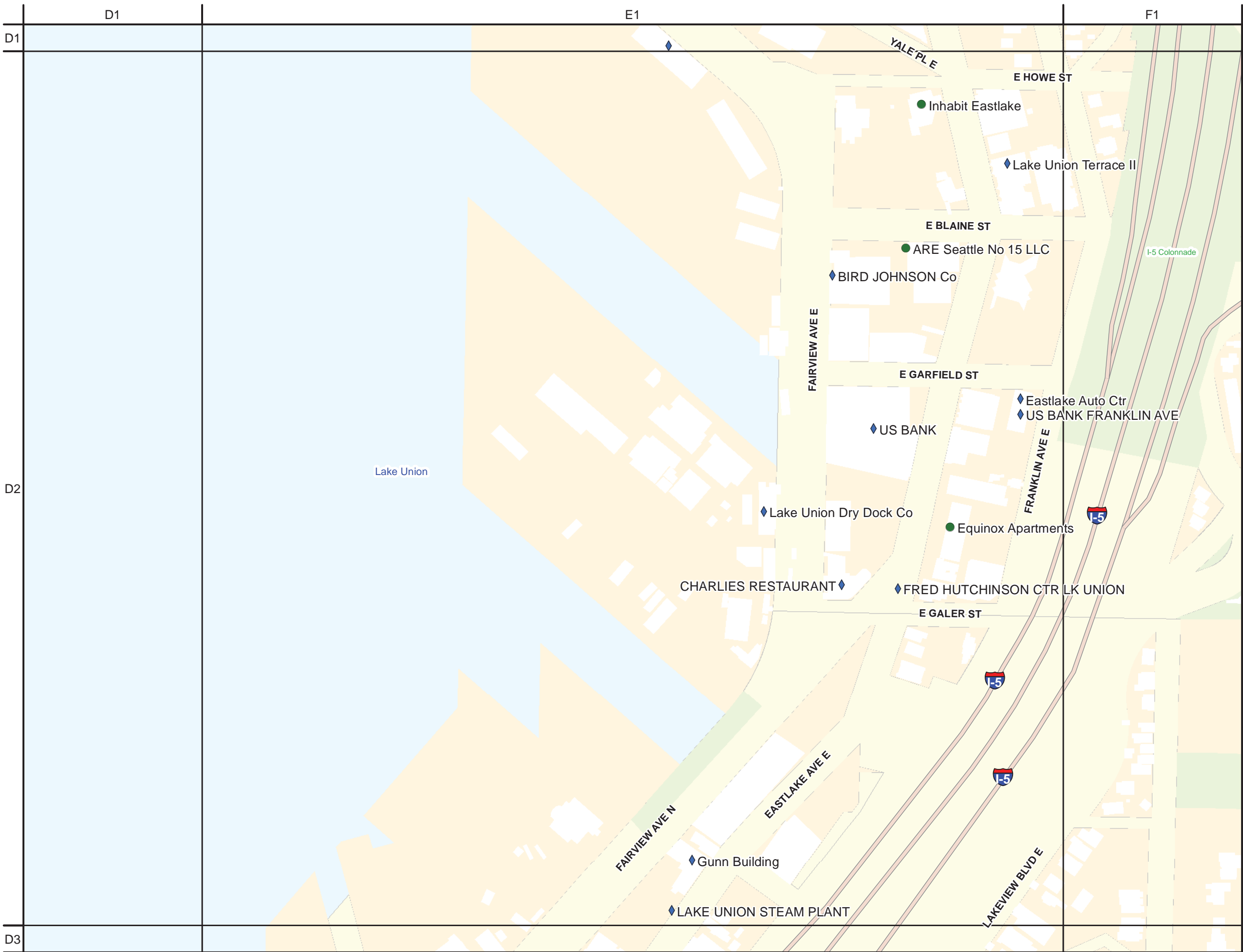
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-11.**  
South Lake Union Study Area -  
Site Locations in Grid E1

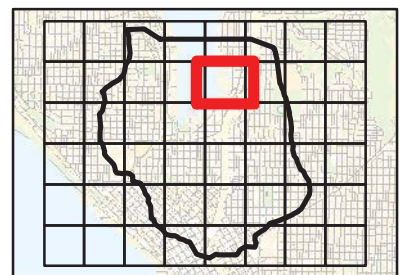


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid



0 115 230 460 Feet

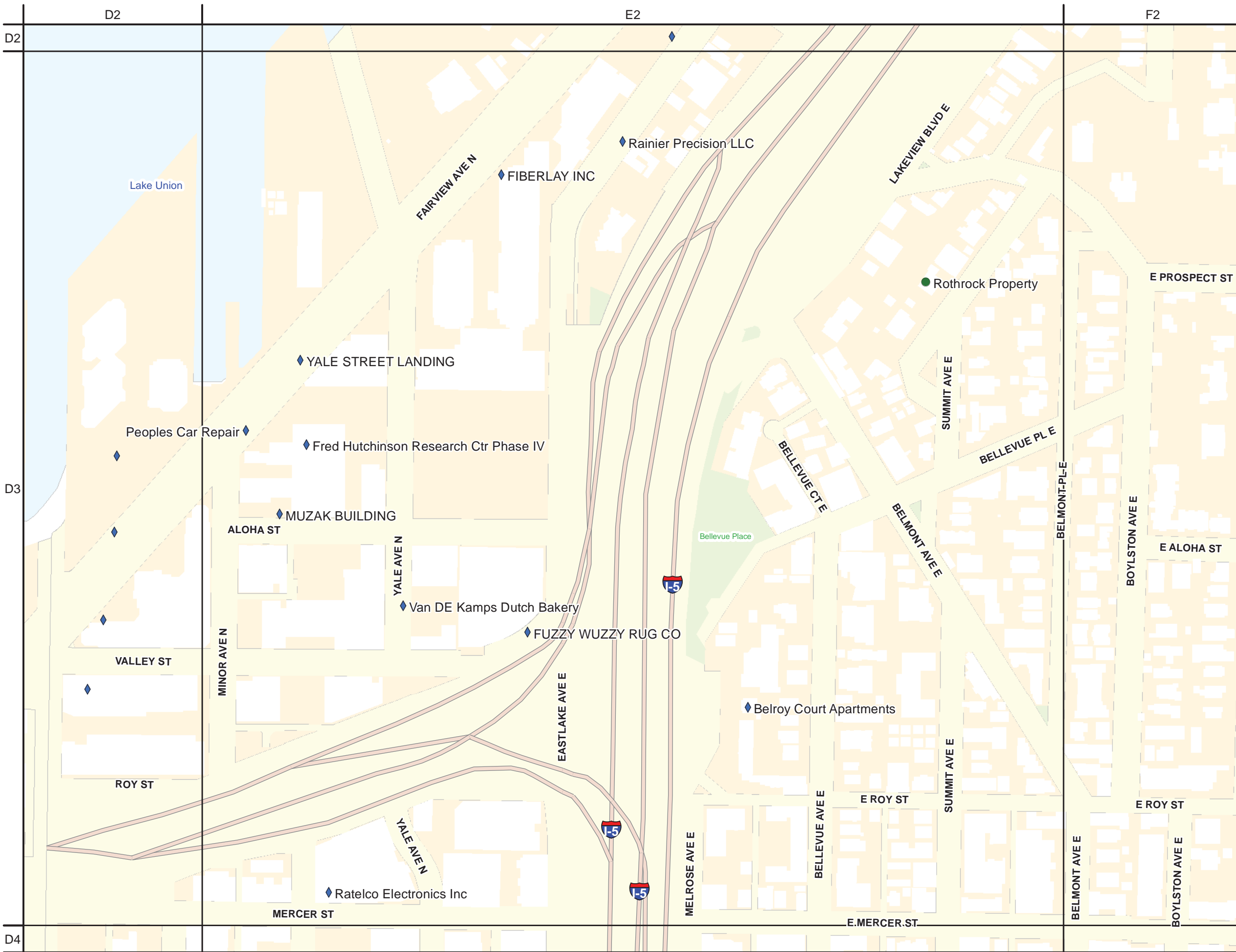
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

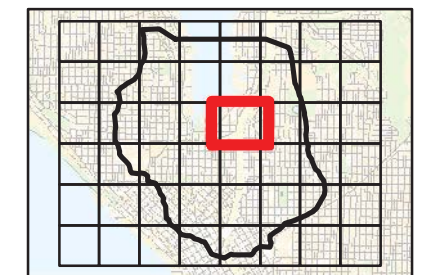
**Figure A-12.**  
South Lake Union Study Area -  
Site Locations in Grid E2



Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
- Site Location With EIM Data
  - ◆ Site Location Without EIM Data
  - Index Grid



0 115 230 460 Feet

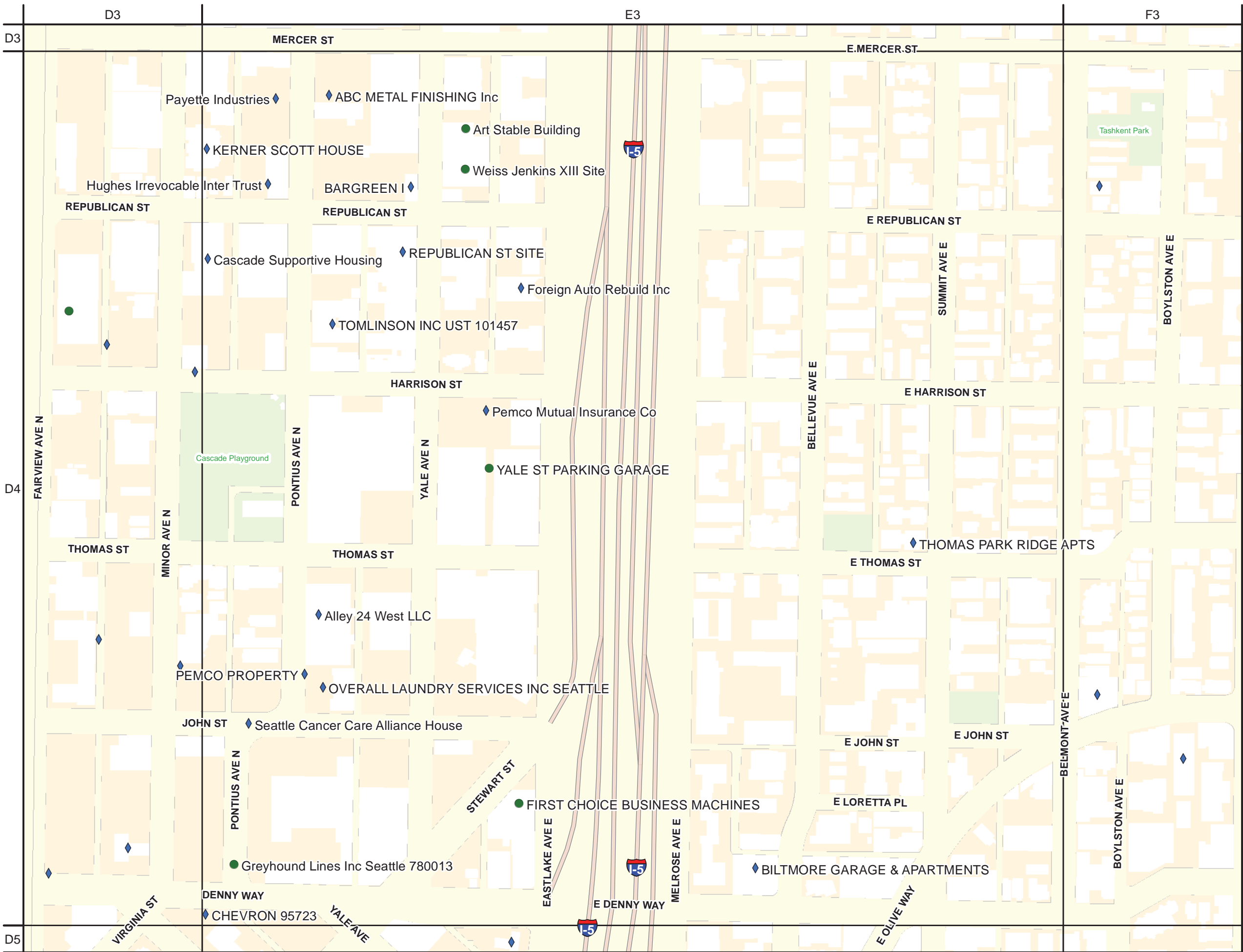
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-13.**  
South Lake Union Study Area -  
Site Locations in Grid E3

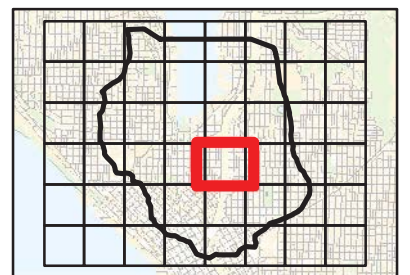


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid



0 115 230 460 Feet

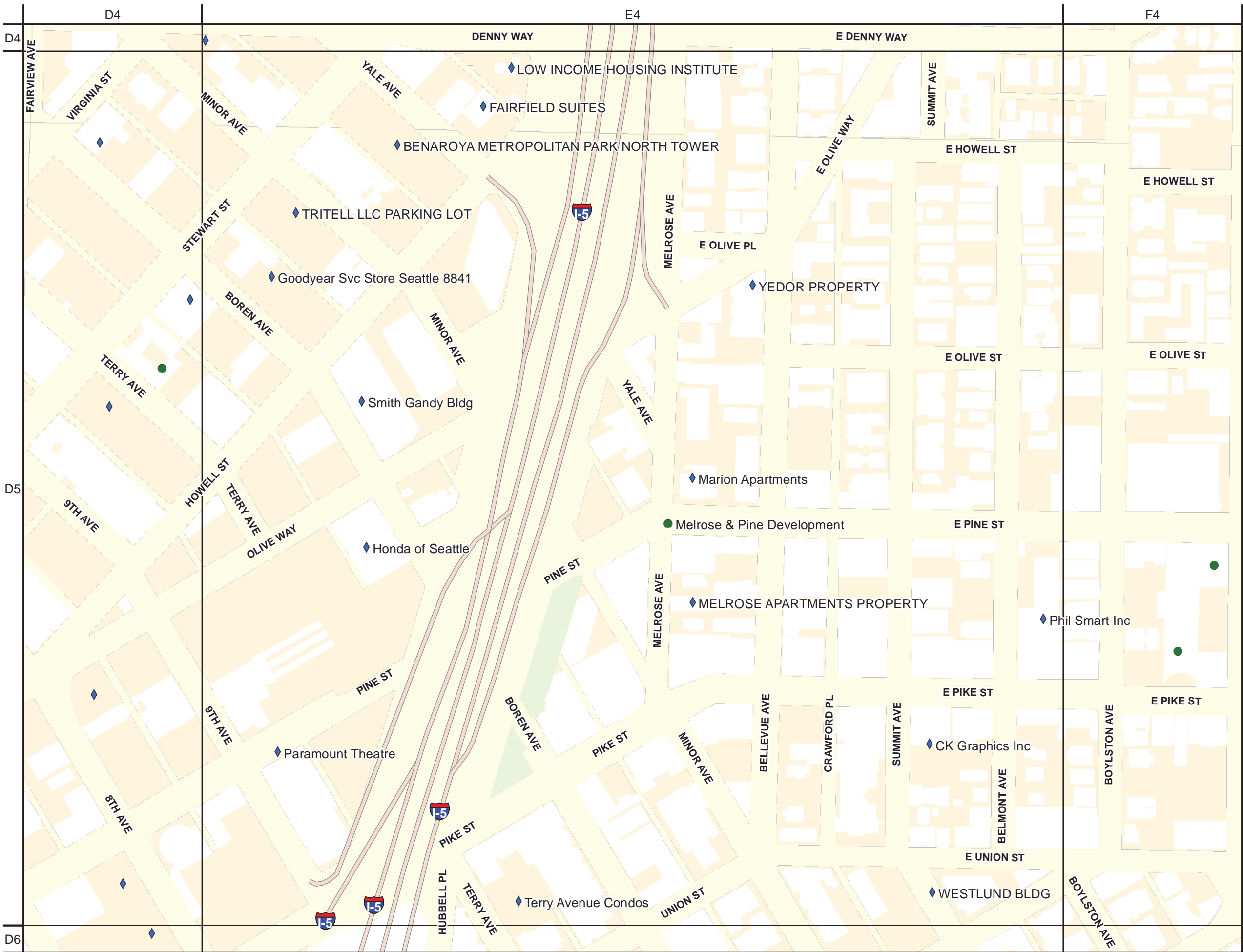
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-14.**  
South Lake Union Study Area -  
Site Locations in Grid E4

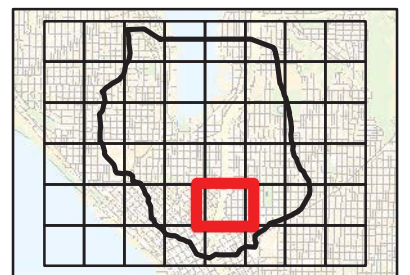


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



**Legend**

- Site Location With EIM Data
- ◆ Site Location Without EIM Data
- Index Grid



0 115 230 460 Feet

1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

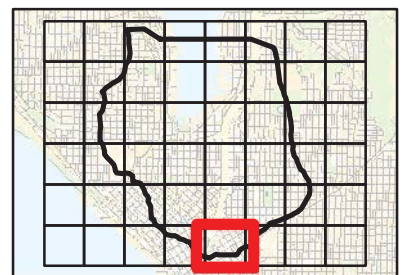
**Figure A-15.**  
South Lake Union Study Area -  
Site Locations in Grid E5



Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
- Site Location With EIM Data
  - ◆ Site Location Without EIM Data
  - Index Grid
  - South Lake Union Study Area



0 115 230 460 Feet

1 inch = 230 feet

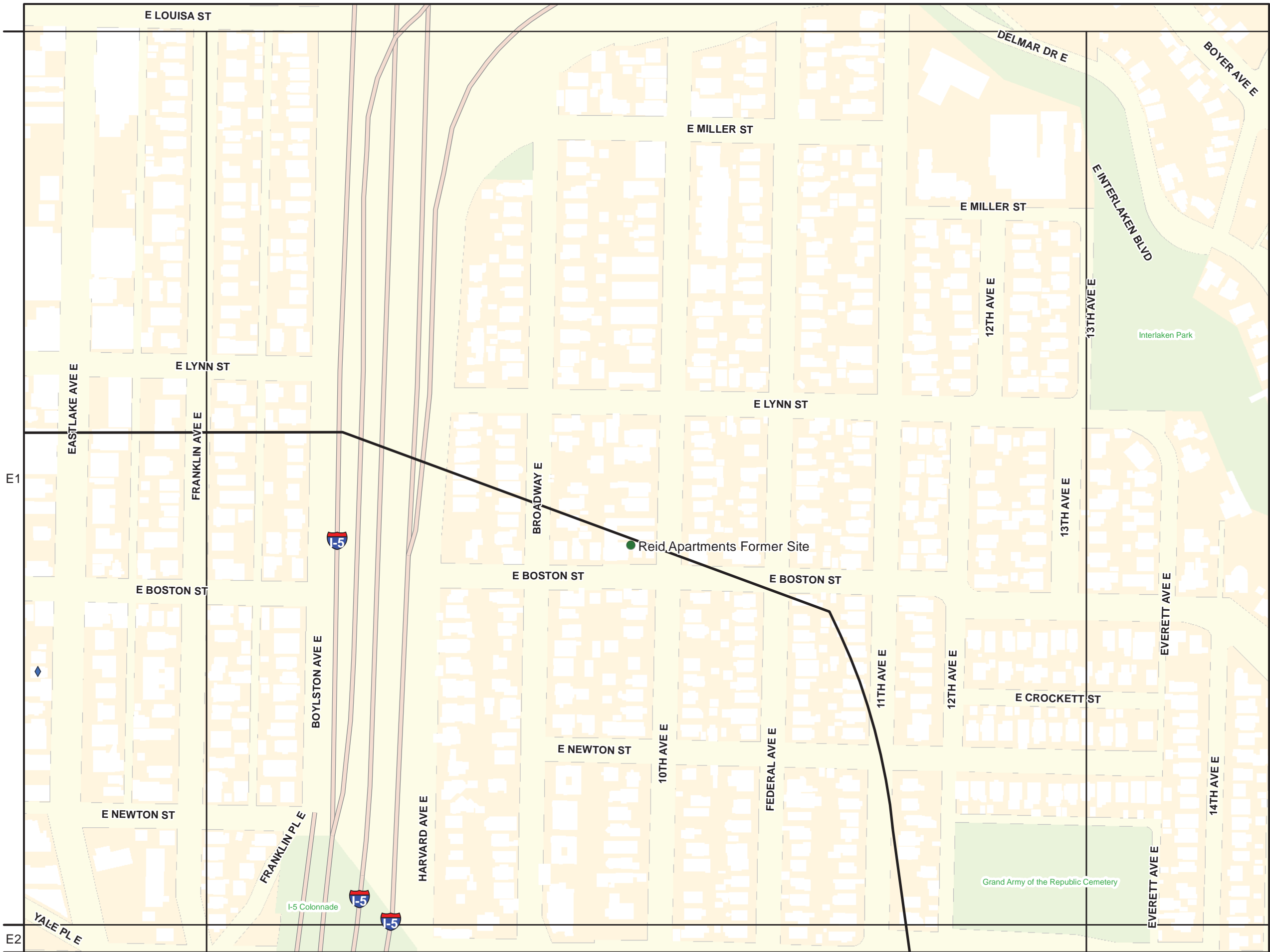
Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-16.**  
South Lake Union Study Area -  
Site Locations in Grid E6

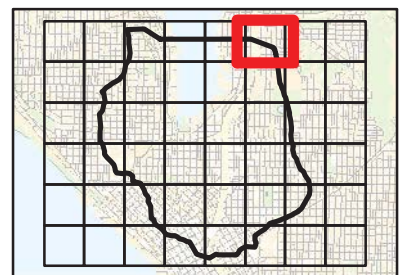


Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000





- Legend**
- Site Location With EIM Data
  - ◆ Site Location Without EIM Data
  - Index Grid
  - South Lake Union Study Area



0 115 230 460 Feet

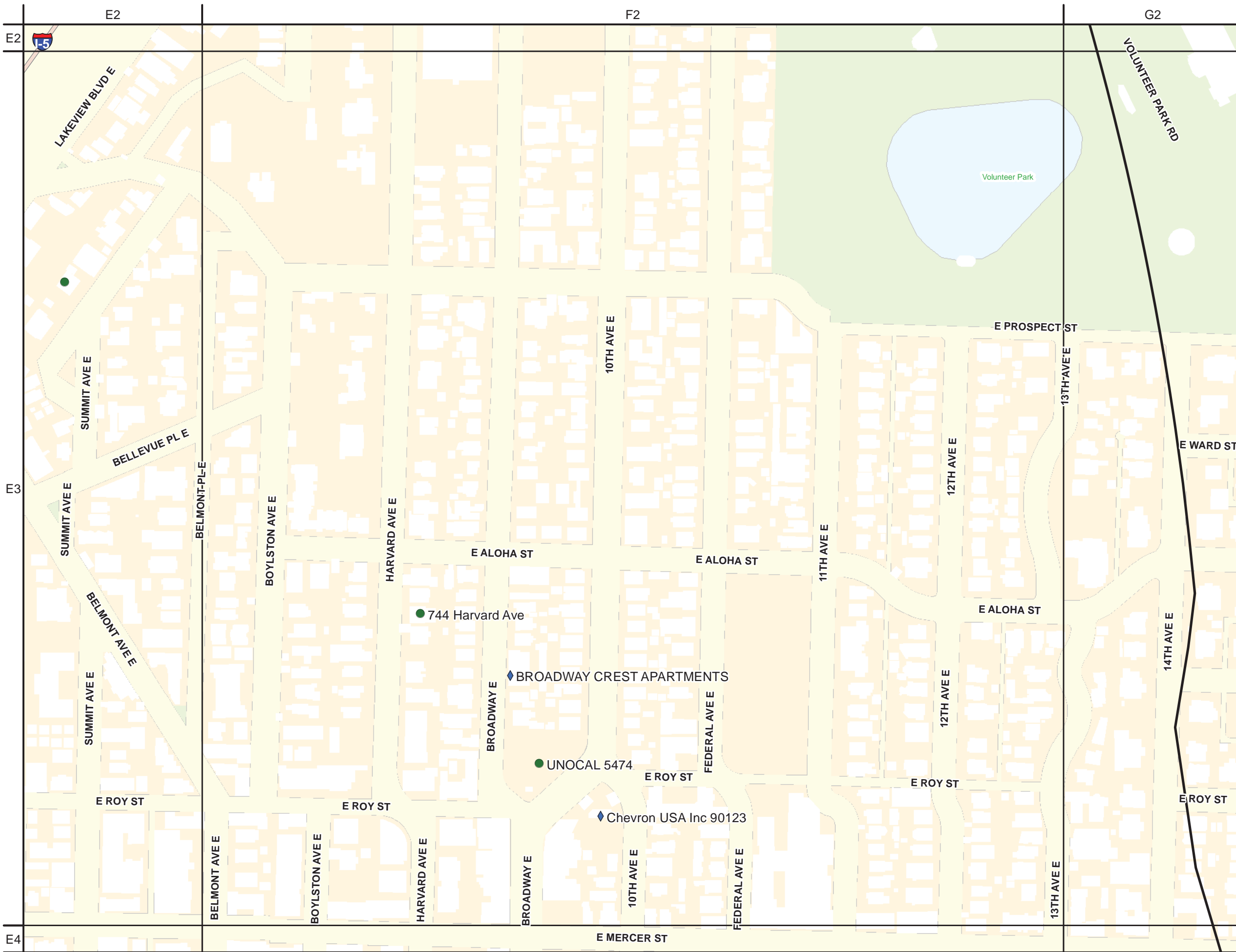
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

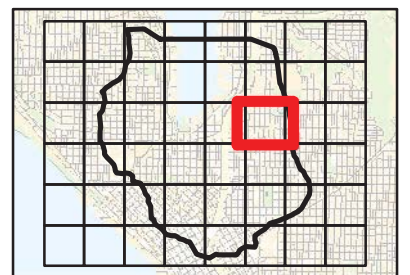
**Figure A-17.**  
South Lake Union Study Area -  
Site Locations in Grid F1



Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
- Site Location With EIM Data
  - ◆ Site Location Without EIM Data
  - Index Grid
  - South Lake Union Study Area



0 115 230 460 Feet

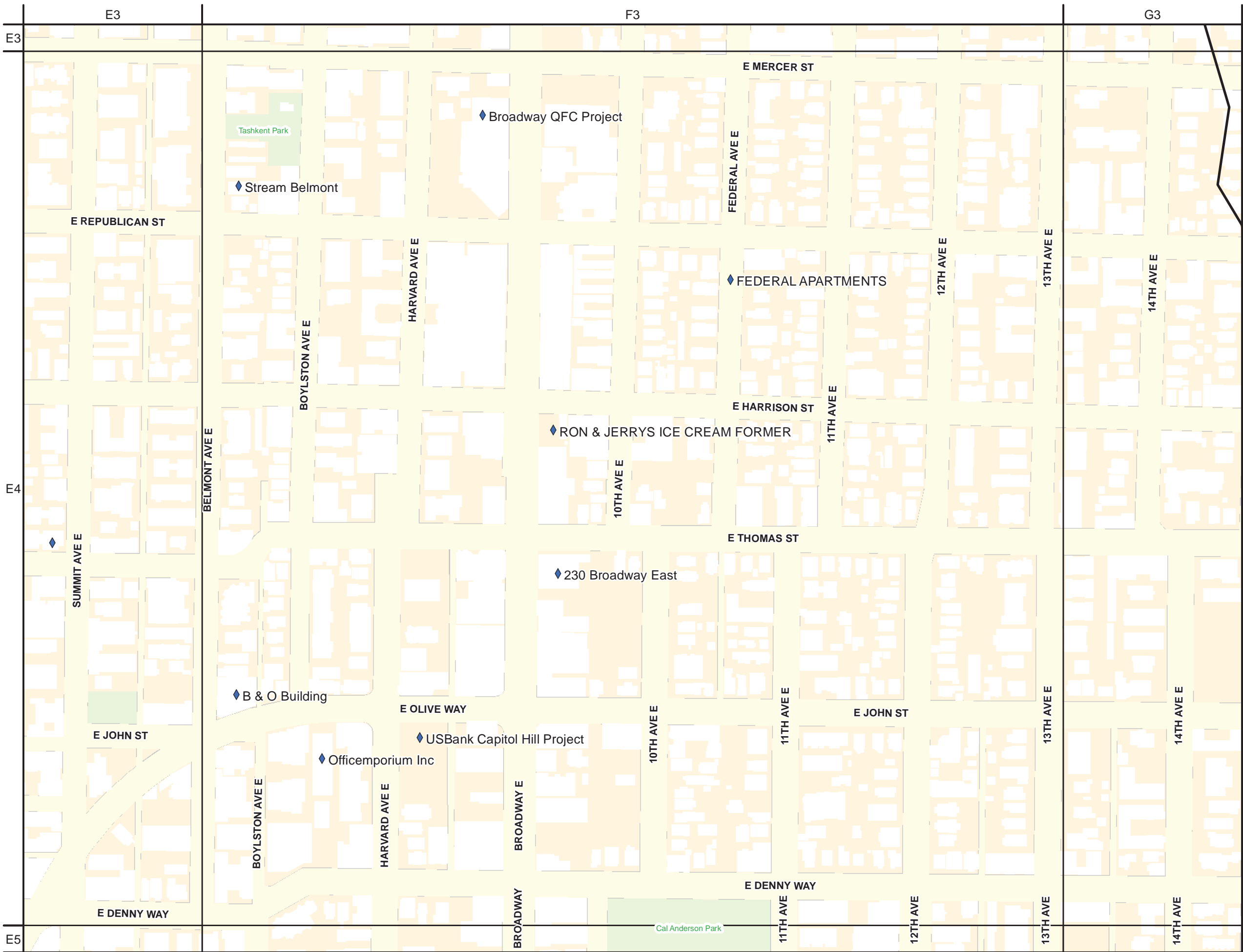
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

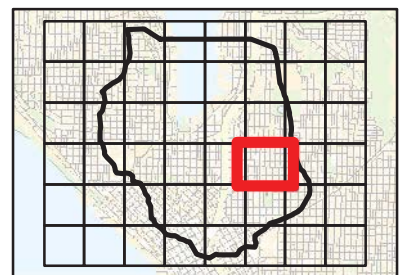
**Figure A-18.**  
South Lake Union Study Area -  
Site Locations in Grid F3



Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
- Site Location With EIM Data
  - ◆ Site Location Without EIM Data
  - Index Grid
  - South Lake Union Study Area



0 115 230 460 Feet

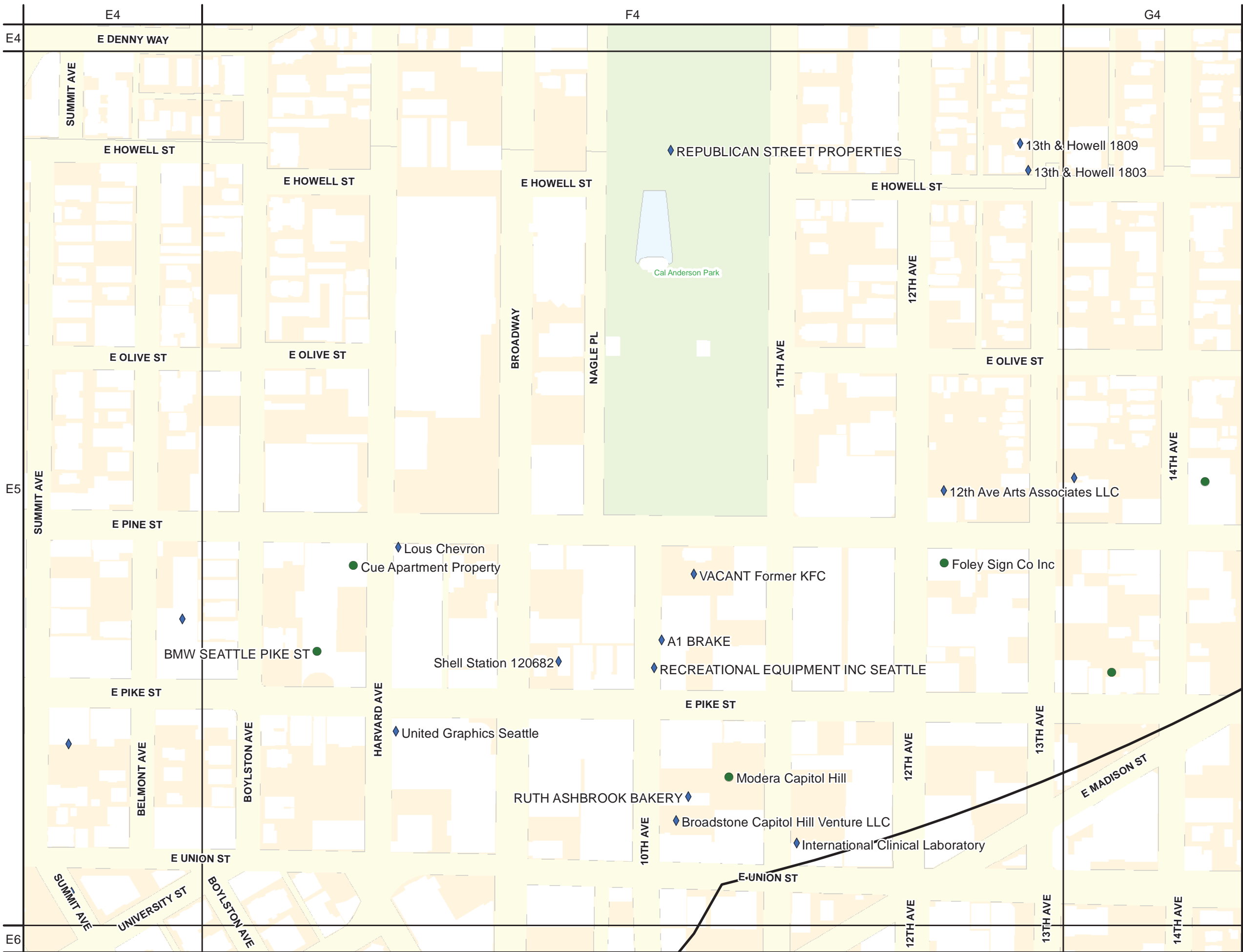
1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

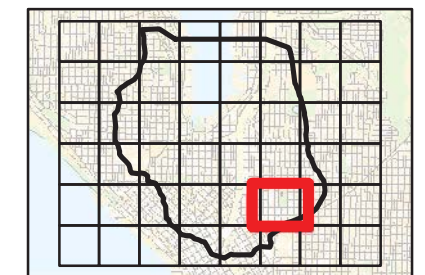
**Figure A-19.**  
South Lake Union Study Area -  
Site Locations in Grid F4



Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
- Site Location With EIM Data
  - ◆ Site Location Without EIM Data
  - Index Grid
  - ▭ South Lake Union Study Area

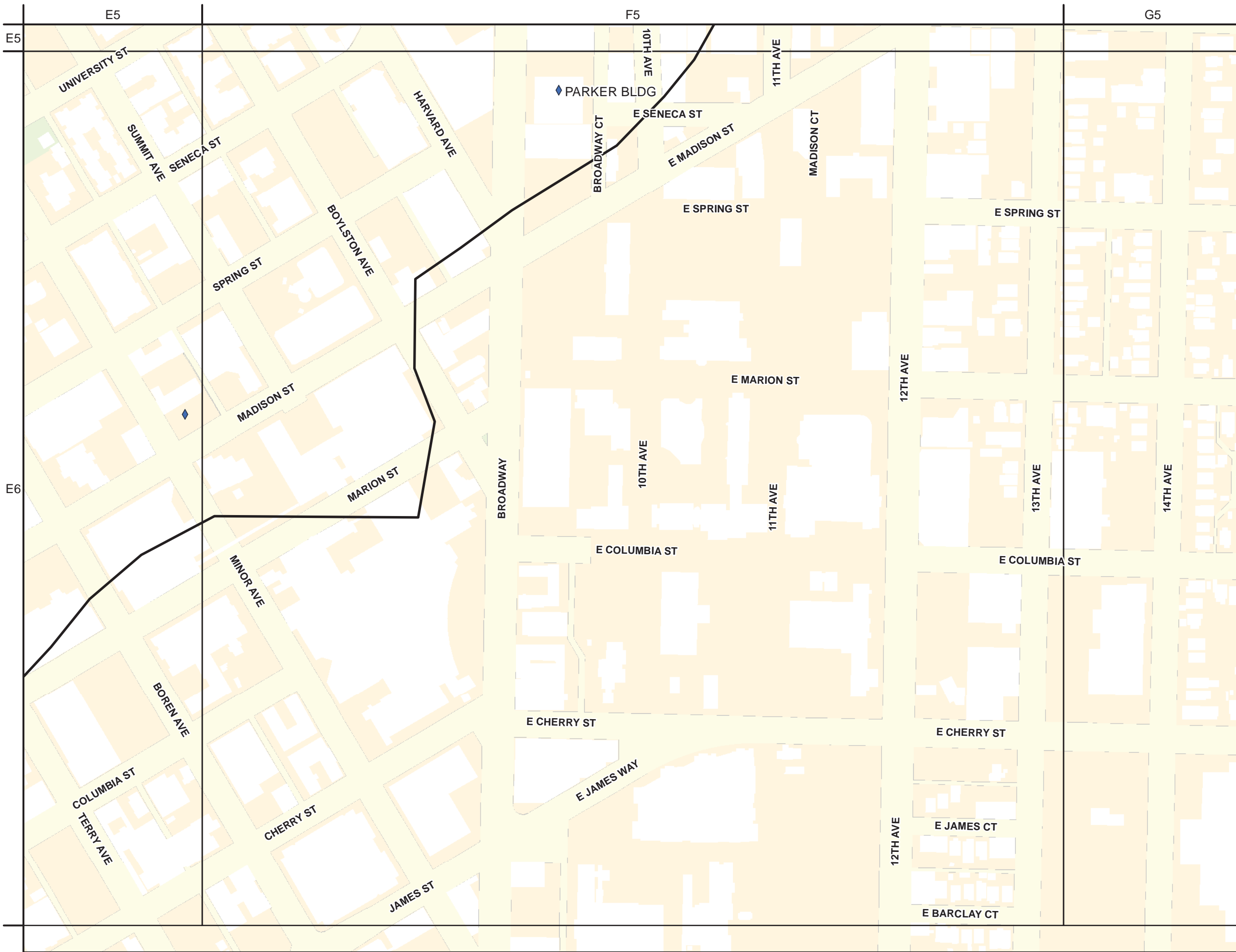


0 115 230 460 Feet  
 1 inch = 230 feet  
 Map Coordinate System:  
 NAD 1983 StatePlane Washington North FIPS 4601 Feet




**Figure A-20.**  
 South Lake Union Study Area -  
 Site Locations in Grid F5

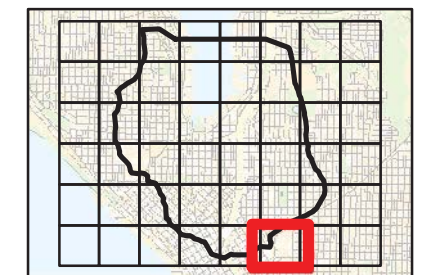


Drawn By: GMAJ  
 Date: 6/30/2017  
 Job No: 320380.00.000.05.30.000



**Legend**


-  Site Location Without EIM Data
-  Index Grid
-  South Lake Union Study Area



0 115 230 460 Feet

1 inch = 230 feet

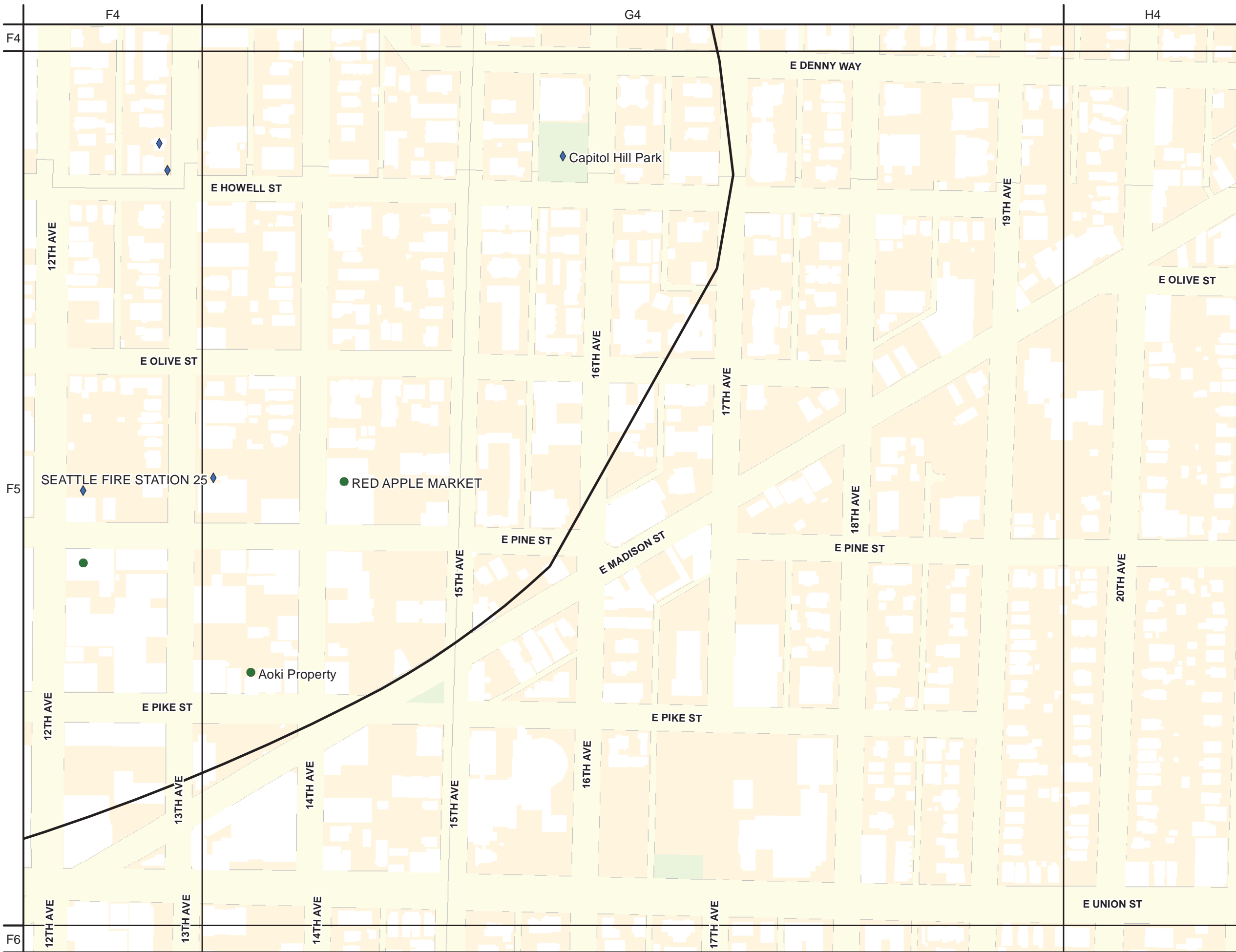
Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet



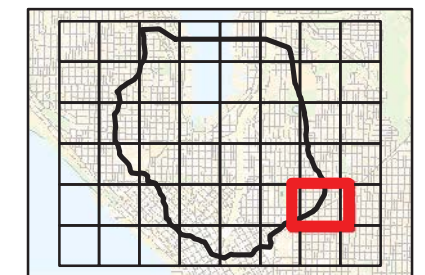
**Figure A-21.**  
South Lake Union Study Area -  
Site Locations in Grid F6



Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000



- Legend**
- Site Location With EIM Data
  - ◆ Site Location Without EIM Data
  - Index Grid
  - South Lake Union Study Area



0 115 230 460 Feet

1 inch = 230 feet

Map Coordinate System:  
NAD 1983 StatePlane Washington North FIPS 4601 Feet

**Figure A-22.**  
South Lake Union Study Area -  
Site Locations in Grid G5



Drawn By: GMAJ  
Date: 6/30/2017  
Job No: 320380.00.000.05.30.000