SITE HAZARD ASSESSMENT Worksheet 1 Summary Score Sheet

Cleanup Site ID: 12151

Facility/Site ID: 38921541

SITE INFORMATION:

Marine Lumber Service S. Monroe R-O-W

525 S. Chicago St

Seattle, King County, WA 98108

| Section: | 29 | Latitude: | 47.53133 |
|-----------|-----|----------------|------------------------------------------------------------------|
| Township: | 24N | Longitude: | -122.32786 |
| Range: | 4E | Tax/Parcel ID: | 7327902920, 7327902900, 7327902850, 7327902895, 7327901925 |

Site scored/ranked for the Hazardous Sites List Publication: August 2015

SITE DESCRIPTION:

The Marine Lumber Service S. Monroe R-O-W site (Site) is a former and current roadway and easement located in Seattle, King County, Washington. The 0.5-acre property is located approximately 1,500 feet from the Lower Duwamish Waterway (LDW), and zoned for industrial (IG2 U/65) use.

Adjacent properties are the Marine Lumber Service South Yard to the north, a warehouse building across South Monroe Street, an Alaska Logistics storage lot and office building to the west, a warehouse to the southwest and a vacant lot to the east. The South Yard is also a cleanup site identified as CSID 8993, and another cleanup site, Marine Lumber Service Plant Yard is located to the northeast (CSID 10349).

The Site is currently operated as a roadway and managed by Seattle Department of Transportation.

South Monroe Street is located to the south of the Marine Lumber Service South Yard. The roadway has a porous gravel surface and was recently disturbed in 2012 by Seattle Public Utilities (SPU) during underground utility corridor work.

The Site is located in the right-of-way, nearest the northeast corner of the intersection of 5th Avenue South and South Monroe Street in the South Park neighborhood of Seattle.

SITE BACKGROUND:

A summary of prior operations/tenants at the subject property is presented below.

| <u>From</u> | <u>To</u> | Operator/Tenant | Activity |
|-------------|-----------|-----------------------------------------|----------------------------------|
| | 2014 | Seattle Department of Transportation | South Monroe Street right-of-way |

SITE CONTAMINATION:

In 2009 the Marine Lumber Service S. Monroe R-O-W site was reported to Washington State Department of Ecology (Ecology) and placed on the Confirmed and Suspected Contaminated Sites (CSCSL) list with ID number 12151.

Soil samples were collected during source control investigation activities conducted by SPU after wood preservative staining was observed on pavement on the Marine Lumber Service property at 7915 5th Ave South (the South Yard, CSID 8993) and was suspected to have run off the South Yard and onto the Site. Concentrations of arsenic in soil were present above the MTCA Method A cleanup level in the city-owned right-of-way adjacent to the Marine Lumber Service Property.

Shallow soil was sampled at multiple depths from locations adjacent to the storage yard along the shoulder on the north side of South Monroe Street. Arsenic, copper, lead, mercury, zinc, hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), phthalates, polychlorinated biphenyls (PCBs) and semi-volatile organic compounds (SVOCs) were detected at concentrations above laboratory reporting limits. Arsenic and copper concentrations in

SITE HAZARD ASSESSMENT Worksheet 1 Summary Score Sheet

soil were detected up to 950 milligrams per kilogram (mg/kg) and 8,370 mg/kg, respectively.

PAST REMEDIATION ACTIVITIES:

Administrative Order DE8862 was issued in November 2011 by Ecology requiring Marine Lumber Service to address contaminated surface soils and accumulated solids on the north side of South Monroe Street. A remedial action work plan was developed in coordination with Seattle Department of Transportation. Site operational practices at the South Yard were amended prior to development of the June 2012 work plan, with treated lumber no longer stored at the South Yard, and the affected source area (CSID 8993) was pressure washed and resealed to minimize potential recontamination of the South Monroe Street right-of-way area.

Remediation activities were conducted in the South Monroe Street right-of-way in September 2012 by SPU. Soils were excavated from an approximate area of 10 feet by 100 feet to a depth up to 3 feet below ground surface (bgs), as described in the remedial action work plan prepared by Environmental Partners. Analytical results from confirmation soil samples indicate that the extent of soils impacted by arsenic and/or copper has not been fully characterized. Concentrations of arsenic and/or copper above source control evaluation screening levels or MTCA Method A or B cleanup levels extends beyond the area excavated. A remediation construction report was not available for review, however a map of pre- and post- excavation sampling locations and analytical results was emailed to Rick Thomas at Ecology by Beth Schmoyer of SPU. Reportedly, sampling location ML6 corresponds with observed oil-staining of surface materials. Near-surface soil samples collected from location ML1, adjacent to the fenceline separating this Site from the Marine Lumber Service South Yard (CSID 8993), contained concentrations of arsenic up to 980 mg/kg, copper up to 3,680 mg/kg, and zinc up to 1,770 mg/kg. The suite of analyses of post-excavation soil samples was generally limited to arsenic, copper and zinc.

CURRENT SITE CONDITIONS:

The adjacent Marine Lumber Services South Yard property (CSID 8993) appears to be a possible source of metals present in accumulated solids and shallow soils along the South Monroe Street right-of-way. Groundwater conditions near the right-of-way have not been characterized. In 2008 and 2009, SPU conducted sampling at nearby catch basins which receive runoff that may be conveyed to the LDW. SPU's findings identified concentrations of arsenic, copper, zinc, diesel and oil above source control screening levels.

Analytical results from soil sampling confirm that concentrations of arsenic and copper are present above corresponding MTCA Method A or B cleanup levels.

The approximate depth to groundwater is 10 feet below ground surface, with groundwater flowing to the northeast (assumed based on location of LDW). Subsurface soils are gravel, sand and silt (as expected based on surface conditions).

SPECIAL CONSIDERATIONS:

Checked boxes indicate routes applicable for Washington Ranking Method (WARM) scoring

✓ Surface Water

Arsenic, copper and zinc may be available for transport to surface water, based on pre-remediation samples collected from nearby stormwater catch basins.

✓ Air

Arsenic and copper may be available for transport as airborne particulate, however dust mitigation practices and the gravel-covered surface are expected to minimize availability to the air route.

Groundwater

Concentrations of arsenic and copper in soils are above MTCA Method A and/or B cleanup levels. Groundwater conditions have not been characterized at the site.

The source of metals appears to be located on the adjacent South Yard property (CSID 8993) and associated with leaching of ammoniacal copper zinc arsenate (ACZA) from treated lumber products and stormwater runoff. Berms, infiltration trenches and other engineering controls have been implemented in an attempt to address the conveyance of metals by surface runoff.

SITE HAZARD ASSESSMENT Worksheet 1 Summary Score Sheet

ROUTE SCORES:

Surface Water/ Human Health: 10.8

Air/ Human Health: 13.1

Surface Water/ Environment: 28.8

Air/ Environment:

Groundwater/ Human Health: 26.2

Overall Rank: 4

REFERENCES:

- 1 Ecology Water Resources Explorer, accessed May 2015. https://fortress.wa.gov/ecy/waterresources/map/WaterResourcesExplorer.aspx
- 2 Environmental Partners, Inc., 2012, Remedial Action Work Plan Marine Lumber Service South Yard. City of Seattle Right-of-Way, Northeast Corner of 5th Ave S. and S. Monroe St., Seattle, Washington 98108. 29 June. Prepared for Marine Lumber Service, Inc.
- 3 King County GIS Center iMAP application, Property Information, Groundwater Program, and Sensitive Areas mapsets. Accessed October 2014. http://www.kingcounty.gov/operations/GIS/Maps/iMAP.aspx
- 4 Missouri Census Data Center, Circular Area Profiles 2010 census data around a point location. http://mcdc.missouri.edu/websas/caps10c.html. Accessed October 2014.
- 5 National Climatic Data Center, 2011, Local Climatological Data for Seattle, Seattle Tacoma Airport. Http://www1.ncdc.noaa.gov/pub/orders/IPS-90B1F39F-6CFA-4A6B-AA82-5ED1FF897CCC.pdf
- 6 SAIC, 2012, Lower Duwamish Waterway RM 2.2 to 3.4 West Riverside Drive Summary of Existing Information and Identification of Data Gaps. April.
- 7 Seattle Department of Transportation, 2012, Letter to Donna Musa, Ecology, regarding the identification of contaminant concentrations above MTCA in the South Monroe Street Right of Way. 21 August.
- 8 Seattle Public Utilities, 2014, Email from Beth Schmoyer (SPU) to Richard Thomas and Rachel McCrae (Ecology) regarding partial cleanup at Marine Lumber/S Monroe St Site. 15 December.
- 9 WARM Scoring Manual
- 10 WARM Toxicological Database
- 11 Washington Department of Ecology, 2011, Amendment to Immediate Action Order No. 7247. 15 November.
- 12 Washington Department of Transportation 24-hour Isopluvial Maps, January 2006 update. http://www.wsdot.wa.gov/publications/fulltext/Hydraulics/Wa24hrlspoluvials.pdf

SITE HAZARD ASSESSMENT Worksheet 2 Route Documentation

Cleanup Site ID: 12151

Marine Lumber Service S. Monroe R-O-W

Facility/Site ID: 38921541

1. SURFACE WATER ROUTE

List those substances to be considered for scoring:

Arsenic, copper, zinc, diesel and oil

Explain the basis for choice of substances to be used in scoring:

Substances are confirmed to be present in catch basin solids and/or surface soil samples at concentrations exceeding source control screening level concentrations.

List those management units to be considered for scoring:

Surface water runoff/stormwater

Explain basis for choice of unit to be used in scoring:

A confirmed release to surface soils and catch basins has occurred.

2. AIR ROUTE

List those substances to be considered for scoring:

Arsenic and copper

Explain the basis for choice of substances to be used in scoring:

Substances are confirmed present in surface soils.

List those management units to be considered for scoring:

Particulate/dust transport

Explain basis for choice of unit to be used in scoring:

Substances may be available for transport as airborne particulate.

3. GROUNDWATER ROUTE

List those substances to be considered for scoring:

Arsenic and copper

Explain the basis for choice of substances to be used in scoring:

Substances are confirmed present in shallow soils at concentrations above MTCA Method A or B cleanup levels.

List those management units to be considered for scoring:

Shallow groundwater

Explain basis for choice of unit to be used in scoring:

A release to groundwater by infiltration is suspected.

Worksheet 4 Surface Water Route

CSID: 12151

Site Name: Marine Lumber Service S Monroe R-O-W

1.0 Substance Characteristics

1.1 Human Toxicity

| | Drinking Water | Acute Toxicity | Chronic Toxicity | Carcinogenicity |
|----------------|----------------|----------------|------------------|-----------------|
| Substance | Standard Value | Value | Value | Value |
| arsenic | 8 | 5 | 5 | 7 |
| copper | 2 | Х | 1 | Х |
| zinc | 2 | Х | 1 | Х |
| diesel and oil | Х | 5 | Х | Х |
| | | | | |
| | | | | |

Highest Value

Bonus Points?

+2 10

8

6

Human Health Toxicity Value

1.2 Environmental Toxicity

| | Acute Water Quality Criteria | | Non-human Mammalian Acute Toxicity | | |
|-------------------------|------------------------------|-------|------------------------------------|-----------------------|--|
| Substance | ug/L | Value | mg/kg | Value | |
| arsenic | 69 | 6 | 763 | 5 | |
| copper | 2.9 | 8 | Х | Х | |
| zinc | 95 | 6 | Х | Х | |
| diesel and oil | Х | Х | 490 | 5 | |
| | | | | | |
| Assumes marine water qu | ality criteria | | Environn | nental Toxicity Value | |

1.3 Substance Quantity

Amount: Approximately 1,000 square feet

| Basis: Estimated based on extent of remediated area. | Full extent of surface impacts | |
|------------------------------------------------------|--------------------------------|--|
| has not been characterized. | Substance Quantity Value | |

| 2.0 Migration Potential | | |
|---------------------------------------------|------------------------------------|---|
| 2.1 Containment | Containment Value | 4 |
| Explain Basis: Release to surface with some | partially effective runoff control | |
| 2.2 Surface Soil Permeability | Soil Permeability Value | 1 |
| gravel | | |
| 2.3 Total Annual Precipitation | Total Precipitation Value | 3 |
| 37 inches | | |
| 2.4 Max 2-yr/24-hour Precipitation | 2YR/24HR Precipitation Value | 3 |
| 2.4 inches | | |
| 2.5 Floodplain | Floodplain Value | 0 |
| Not in floodplain | | |
| 2.6 Terrain Slope | Slope Value | 1 |
| <2% grade | | |

Surface Water Route

CSID: 12151

Site Name: Marine Lumber Service S Monroe R-O-W

| 3.0 Targets | |
|-----------------------------------------------------------------------------|------------------------------|
| 3.1 Distance to Surface Water | Surface Water Distance Value |
| 1,600 feet to LDW, but less than 200 feet to Combined Sewer Outfall manhole | |
| 3.2 Population Served within 2 miles | Population Value |
| 0 people | |
| 3.3 Area Irrigated within 2 miles | Irrigation Value |
| 0 acres | |
| 3.4 Distance to Nearest Fishery Resource | Fishery Value |
| 200 feet to LDW | |
| 3.5 Distance to and Name of Nearest Sensitive Environment | Sensitive Environment Value |
| 200 feet to LDW | |
| | |

4.0 Release

Release to Surface Water Value

10

0

0

12

12

5

Explain basis for scoring a release to surface water Confirmed release (based on catch basin solids results)

| Pathway Scoring - Surface Water Route, Human Health Pathway | , | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------|
| SW _H = (SUB _{SH} *40/175)*[(MIG _S *25/24) + REL _S + (TAR _{SH} *30/115)]/24 Where: | | |
| SUB _{SH} = (Human Toxicity Value + 3)*(Containment + 1) + Substance Quantity MIG _S = Soil Permeability + Annual Precip + Rainfall Frequency + Floodplain | SUB _{SH} | 71 |
| + Slope REL _s = Release to Surface Water | NIG _S REL _S | 8 5 |
| TAR _{SH} = Distance to Surface Water + Population Served by Surface Water + Area Irrigated | TAR _{SH} | 10.0 |
| | SW _H | 10.8 |

| Pathway Scoring -Surface Water Route, Environmental Pathway | | |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|
| SW _E = (SUB _{SE} *40/153)*[(MIG _S *25/24) + REL _S + (TAR _{SE} *30/34)]/24 Where: | | |
| SUB _{SE} = (Env Tox Value + 3) * (Containment + 1) + Substance Qty | SUB _{SE} | 61 |
| MIG _S = Soil Permeability + Annual Precip + Rainfall Frequency + Floodplain | | |
| + Slope | MIG _s | 8 |
| REL _s = Release to Surface Water | RELs | 5 |
| TAR _{SE} = Distance to Surface Water + Distance to Fishery + Distance to | | |
| Sensitive Environment | TAR _{SE} | 34.0 |
| | SW _E | 28.8 |

Air Route

CSID: 12151

Site Name: Marine Lumber Service S Monroe R-O-W

1.0 Substance Characteristics

1.1 Introduction (WARM Scoring Manual) - Please Review before scoring

1.2 Human Toxicity

| | Ambient Air | Acute Toxicity | Chronic Toxicity | Carcinogenicity |
|-----------|----------------|----------------|------------------|-----------------|
| Substance | Standard Value | Value | Value | Value |
| arsenic | 10 | Х | Х | 9 |
| copper | 9 | Х | Х | Х |
| zinc | Х | Х | Х | Х |
| | | | | |
| | | | | |
| | | | | |

Highest Value10Bonus Points?+2Toxicity Value12

1.3 Mobility

| Gaseous Mobility | Max Value: |
|----------------------|--------------------------|
| Particulate Mobility | Soil Type: gravelly sand |
| | Erodibility: 22 |
| | Climatic Factor: 1-10 |

1.4 Final Human Health Toxicity/Mobility Matrix Value

1.5 Environmental Toxicity/Mobility

| | Non-human Mammalian | Acute | | Table A-7 |
|-----------|-----------------------------|-------|----------------|--------------|
| Substance | Inhalation Toxicity (mg/m3) | Value | Mobility Value | Matrix Value |
| arsenic | Х | Х | Х | Х |
| copper | Х | Х | Х | Х |
| zinc | Х | Х | Х | Х |
| | | | | |
| | | | | |
| | | | | |

Env. Final Matrix Value not scored

1.6 Substance Quantity

Amount: Approximately 1,000 square feet of affected surface/near surface soil

Basis: Estimated based on known area remediated; extent has not been characterized

Substance Quantity Value

4

3

Mobility Value 0

HH Final Matrix Value

Air Route

| CSID: 12151 | Site Name: Marine Lumber Service S Monroe R-O-W |
|------------------------------------------------------|-------------------------------------------------|
| 2.0 Migration Potential | |
| 2.1 Containment | Containment Value 10 |
| Explain Basis: No cover, discharge occur | red directly to surface |
| | |
| 3.0 Targets | |
| 3.1 Nearest Population | Population Distance Value 10 |
| <800 feet to nearest residential properties | |
| 3.2 Distance to and name of nearest sensitive enviro | nments Sensitive Environment Value 6 |
| 1,900 feet to Duwamish Waterway Park | |
| 3.3 Population within 0.5 miles | Population Value 35 |
| 1259 population | |
| 4.0 Release | Release to Air Value 0 |
| Explain basis for scoring a release to air: | |
| No confirmed release | |
| | |
| | |

| SUB _{AH} REL _A | 92 0 |
|---------------------------------------|------------------------------------------------------------|
| TAR _{AH} | 45.5 |
| AIR _H | 13.1 |
| | SUB _{AH} REL _A TAR _{AH} |

| Pathway Scoring - Air Route, Environmental Pathway | | |
|------------------------------------------------------------------------------------------------------------|-------------------|------------|
| AIR _E = (SUB _{AE} *60/329)*[REL _A +(TAR _{AE} *35/85)]/24 Where: | | |
| SUB _{AE} =(Environmental Toxicity Value +5)*(Containment +1) +Substance Qty | SUB _{AE} | #VALUE! |
| REL _A = Release to Air | REL _A | 0 |
| TAR _{AE} = Nearest Sensitive Environment | TAR _{AE} | 6.0 |
| | | |
| | AIR _E | Not Scored |

Groundwater Route

CSID: 12151

Site Name: Marine Lumber Service S Monroe R-O-W

1.0 Substance Characteristics

1.1 Human Toxicity

| | Drinking Water | Acute Toxicity | Chronic Toxicity | Carcinogenicity | |
|-----------------------------|-------------------------|--------------------|------------------|---------------------|----|
| Substance | Standard Value | Value | Value | Value | |
| arsenic | 8 | 5 | 5 | 7 | |
| copper | 2 | Х | 1 | Х | |
| zinc | Х | Х | 1 | Х | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | Highest Value | 8 |
| | | | | Bonus Points? | 0 |
| | | | | Toxicity Value | 8 |
| 1.2 Mobility | | | | | |
| Cations/Anions | Max Value: | | | | |
| Solubility | Max Value: | 3 | | Mobility Value | 3 |
| | | | | - | |
| 1.3 Substance Quantity | | | | | |
| Amount: | : Up to 100 cubic yards | | | | |
| Basis: | Estimated volume of ir | mpacted soils rema | ining | - | |
| | | | Substar | nce Quantity Value | 2 |
| 2.0 Migration Potential | | | | | |
| 2.1 Containment | | | C | Containment Value | 10 |
| Explain Basis: | Contaminated soil | | | | |
| | | | | | |
| 2.2 Net Precipitation | >10 - 20 | inches | Net I | Precipitation Value | 2 |
| | | | | _ | |
| 2.3 Subsurface Hydraulic C | Conductivity | | | Conductivity Value | 4 |
| Silty sand with gravel | | | | | |
| 2.4 Vertical Depth to Groun | ndwater | 10 | feet | _ | |
| | Confirmed release: | No | Dep | th to Aquifer Value | 8 |
| 3.0 Targets | | | | | |
| 3.1 Groundwater Usage | | | | Aquifer Use Value | 2 |
| Groundwater not used, but u | sable | | | - | |
| 3.2 Distance to Nearest Dri | nking Water Well | >10,000 | feet | | |
| | | | W | ell Distance Value | 0 |
| | | | | _ | |
| 3.3 Population Served with | in 2 Miles | | Popula | ation Served Value | 0 |
| 0 |) people | | | _ | _ |

Groundwater Route

CSID: 12151 Site Name: Marine Lumber Service S Monroe R-O-W 3.4 Area Irrigated by GW Wells within 2 miles 0 acres 4.0 Release Explain basis for scoring a release to groundwater: Groundwater not characterized - confirmed impacts to shallow soil

| Pathway Scoring - Groundwater Route, Human Health Pathway | | |
|------------------------------------------------------------------------------------------------------|-------------------|------|
| $GW_{H} = (SUB_{GH}^{*}40/208)^{*}[(MIG_{G}^{*}25/17)+REL_{G}^{+}(TAR_{GH}^{*}30/165)]/24$ Where: | | |
| SUB _{GH} =(Human toxicity + mobility + 3) * (Containment + 1) + Substance Qty | SUB _{GH} | 156 |
| MIG _G =Depth to Aquifer+Net Precip + Hydraulic Conductivity | MIG _G | 14 |
| REL _G = Release to Groundwater | REL _G | 0 |
| TAR _{GH} = Aquifer Use + Well Distance + Population Served + Area Irrigated | TAR _{GH} | 2.0 |
| | GW _H | 26.2 |

Washington Ranking Method

Route Scores Summary and Ranking Calculation Sheet

| Site Name: | Marine Lumber Service S. Monroe R-O-W | | | | | | 12151 | | |
|----------------------|---------------------------------------|----------------------|-------------|------------------|-------------|-------------|-------------|--------------|------------------------------|
| Site Address: | 525 S. Chicago St | | | | | | 3892154 | 1 | |
| HUMAN HEALTH RO | DUTE SCORES | | | | | | | | |
| Enter Human Health | n Route Scores for a | II Applicable Routes | s: | | | | | н | ıman Health |
| Pathway | Route Score | Quintile Group | | H ² + | 2M | + | L | Priori | ty Bin Score: |
| Surface Water | 10.8 | 2 | H= 2 | . . | | | 2 | _ | 2 |
| Air | 13.1 | 2 | M= 2 | 4 + | 4 | + | 2 | = | 2 |
| Groundwater | 26.2 | 2 | L= 2 | | 8 | | | rounde wl | ed up to next hole number |
| ENVIRONMENT RO | UTE SCORES Route Scores for all | Applicable Routes: | | L ² | | | | E | invironment |
| Pathway | | | | | 2L | | | Priori | ty Bin Score: |
| Surface Water Air | ns | 0 | H= 3 $L= 0$ | 9 + | 0 | | = | | 2 |
| | · | . <u> </u> | | 7 | | | | rounde wl | ed up to next hole number |
| Comments/Notes | <u>s:</u> | | | | | | | | |
| | | | | | FINAI RA | . M/ NKI | ATRIX NG | | 4 |
| | | | | | | | | | |

FOR REFERENCE:

Final WARM Bin Ranking Matrix

| Human | | | | | | | | | | | | |
|-----------------|----------------------|---------------|---|---|---|-----|--|--|--|--|--|--|
| Health | Environment Priority | | | | | | | | | | | |
| <u>Priority</u> | | | | | | | | | | | | |
| | 5 | 5 4 3 2 1 N/A | | | | | | | | | | |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| 4 | 1 | 2 | 2 | 2 | 3 | 2 | | | | | | |
| 3 | 1 | 2 | 3 | 4 | 4 | 3 | | | | | | |
| 2 | 2 | 3 | 4 | 4 | 5 | 3 | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 5 | 5 | | | | | | |
| N/A | 3 | 4 | 5 | 5 | 5 | NFA | | | | | | |

Quintile Values for Route Scores - February 2015 Values

| | Human Health | | | | | | | Enviro | nmen | t |
|----------|--------------|------|-----|------|-------|------|-----|-----------|------|------|
| | Surface | | | | Gro | ound | Sui | rface | | |
| Quintile | Water | | Air | | Water | | W | Water Air | | Air |
| 5 | >= | 30.7 | >= | 37.6 | >= | 51.6 | >= | >= 50.9 | | 29.9 |
| 4 | >= | 23.1 | >= | 23.8 | >= | 40.9 | >= | 31.2 | >= | 22.5 |
| 3 | >= | 14.1 | >= | 15.5 | >= | 33.2 | >= | 23.6 | >= | 14.0 |
| 2 | >= | 7.0 | >= | 8.5 | >= | 23.5 | >= | 11.0 | >= | 1.6 |
| 1 | <= | 6.9 | <= | 8.4 | <= | 23.4 | <= | 10.9 | <= | 1.5 |

Quintile value associated with each route score entered above



Legend:

- Property location (approximate)
 - Excavation area (approximate)
- Pre-excavation soil/solids sample (approximate)
- Post-excavation soil sample (approximate)

Notes:

1. All locations are approximate, and not to scale.

Marine Lumber Service S Monroe R-O-W 525 South Chicago Street Seattle, WA 98108



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Site Overview Map

CSID 12151 CSID12151.vsd