90% Remedial Design Basis of Design Report

Appendix P Work by Others

## Appendix P

### Tracking Work by Others During Remedial Design (as of July 2023)

|                      |  |                           |                                 |                |                       |                                      | А        | nticipate | d Changes | 2 <sup>2</sup>  | Duchabilita   |   |
|----------------------|--|---------------------------|---------------------------------|----------------|-----------------------|--------------------------------------|----------|-----------|-----------|---|---|---|
| Tax Parcel ID<br>No. | Approximate<br>River Mile<br>ver (Downstream | Adjacent RAA <sup>1</sup> | SMA<br>Designation <sup>1</sup> | Owner          | Tenant                | Structural<br>Demolition<br>or Other | Dredging | Bank      | Upland    | Associated Active<br>Permit (Agency, Title,<br>Number)  | Probability<br>of Impact of<br>Anticipated<br>Changes | Additional I  |
| 0022000005           | 3.0 E  | 1/2/3                     | 17,18                           |                | Boeing Boeing Plant 2 |                                      |          |           | Y         | KCIW, Metal Finishing<br>Permit No. 7811-04<br>Ecology, Industrial SW<br>GP No.WAR000482                  | М   | Shoreline habitat restoration; interviewee<br>2 early action area is moving downstream<br>Interviewee notes that sand bars shift ofte<br>and deepening, while the outer berthing a  |
| 2185000005           | 3.2 E  | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Reging         |                       |                                      |          | Y         |           |   |   | (Integral et al. 2018).<br>EPA indicated shoreline remediation and<br>at this site. Any remaining remediation (u<br>Act/Toxic Substances Control Act) is limite   |
| 3324049002           | 3.35 E                                       | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | - boeing       |                       |                                      |          |           |           |   |   | MTCA Agreed Order (July 2007, amended<br>2015). MTCA Agreed Order (July 2017). In<br>upland cleanup plan. In 2020, EPA worked<br>the draft Statement of Basis Proposed Cle<br>decision for the clean of this site. EPA fina   |
| 0001600020           | 3.5 E  |                           |                                 |                |                       |                                      |          |           |           |   |   | 2022 (Ecology 2022a).<br>Administrative order on Consent RCRA D<br>Boeing in 1994.  |
| 0001600023           | 3.6 E  | 14/15/16, 17              | 12                              | Star Forge LLC | Star Forge LLC        |                                      | Y        | Y         |           | KCIW, Minor Discharge<br>Authorization Permit<br>No.1122-01<br>Ecology, Industrial SW<br>GP No. WAR003231 | Н   | Jorgensen Forge outfall work is complete.<br>sediments may involve additional sediment<br>involve the shoreline is unknown (Integral<br>PCB-contaminated sediment and bank so<br>2014. Samples collected after the excavati<br>still contaminated. Jorgensen conducted s<br>cleanup at this site in spring 2019. In 2020<br>Summary Report with results from the 20<br>Engineering Evaluation/Cost Analysis docu<br>action can be taken at the EAA (alternative |

### I Information<sup>2</sup>

ee suspects that sand placed at Boeing Plant am and shoaling the navigation channel. often and that the nearshore area is eroding ig areas and navigation channel are shoaling

d restoration activities have been completed (under Resource Conservation and Recovery nited to upland areas (Integral et al. 2018).

ed July 2013), Enforcement Order (March In June 2019, Boeing submitted a proposed sed on preparing a response-to-comment on Cleanup Plan and its final corrective action inalized the corrective action decision in July

Docket No. 1092-01-22-3008(h) issued to

ete. Separate Earle M. Jorgensen action for ment work. The extent to which this will yral et al. 2018).

soils at the property were largely removed in vation indicated that some sediments were d sampling to assess the need for further D20, Jorgensen provided EPA with a draft Data 2019 sampling effort. Jorgensen prepared an ocument in late 2020 to determine what tives include dredging; Ecology 2022a).

|                      |                           |                           |                                 |                             |                             |                                      | A        | nticipate | d Change | s <sup>2</sup>   | <b>D</b>  |   |
|----------------------|---------------------------|---------------------------|---------------------------------|-----------------------------|-----------------------------|--------------------------------------|----------|-----------|----------|--|---|---|
| Tax Parcel ID<br>No. | Approximate<br>River Mile | Adjacent RAA <sup>1</sup> | SMA<br>Designation <sup>1</sup> | Owner                       | Tenant                      | Structural<br>Demolition<br>or Other | Dredging | Bank      | Upland   | Associated Active<br>Permit (Agency, Title,<br>Number)   | Probability<br>of Impact of<br>Anticipated<br>Changes | Additional In   |
| 0001600014           | 3.75 E                    |                           |                                 |                             |                             |                                      |          |           |          | Ecology, Industrial SW   |   | Shoreline stabilization project (timing TBD;<br>Upland Model Toxics Control Act site (Integ<br>In April 2010, Boeing and Ecology entered  |
| 0007400033           | 3.8 E                     | 22                        | 10                              | Boeing                      | Boeing Isaacson<br>Thompson |                                      |          | Y         | Y        | GP No. WAR000148   | Μ   | Ecology reviewed the draft Final FS Report<br>Boeing in early 2020 (Ecology 2022a). Boei<br>Draft Final FS (Second FS) September 2020<br>Revision 1 (third FS) in December 2020. Bo<br>December 2021. Boeing submitted Public F<br>and received Ecology comments in January<br>fifth FS revison.  |
| 5422600060           | 4.0 E                     | 23/24/25, 27              | 5,6,7                           | CenterPoint<br>Properties   | PACCAR-<br>Kenworth         |                                      |          | Y         | Y        | Ecology, Construction<br>SW GP No. WAR310454   | М   | Upland construction consisting of 24.5 acro<br>of a warehouse facility and site improveme<br>No interview form; lease ended in early 20<br>In 2006, PACCAR and Ecology signed Agre<br>shoreline and nearshore sediments, seeps,<br>Agreed Order No. DE-6069 was signed for<br>was amended to update the property own<br>final FS to Ecology in July 2020. In July 202<br>FS and the Interim Action Work Plan. The a<br>2020. The selected remedy for the shorelin<br>three hotspot areas, placing a clay cap, lay<br>landscaping within the 100-foot river buffe<br>buffer and establishing institutional contro<br>Sediment Evaluation Work, which included<br>locations in LDW adjacent to the site (Ecol |
| 5422600010           | 4.1 E                     | 27                        | 5,6                             | Container<br>Properties LLC | Container<br>Properties LLC | Y                                    | Ν        | Y         | Y        | KCIW, Major Discharge<br>Authorization<br>No. 4167-03<br>Ecology,<br>Industrial SW GP<br>WAR312158 | Н   | In 3 to 5 years, a habitat rehabilitation proj<br>near vertical to 4.5 or 5:1 slope and vegeta<br>will be completed. All current in-water stru<br>The anticipated future use of the property<br>storage—no waterway use (Integral et al. 2<br>Upland cleanup (timing TBD; Anchor QEA 2<br>upland, is being performed to address the<br>Order on Consent No.1091-11-20-3008 (W<br>In April 2021, the <i>Final Pre-CMS Data Colle</i><br>address data gaps (DOF 2021).  |

### Information<sup>2</sup>

BD; Anchor QEA 2022)

tegral et al. 2018)

ed into Agreed Order DE-7088.

ort and prepared comments to send to being received comments from Ecology on 20. Boeing submitted Draft Final FS – Boeing received Ecology comments in c Review Draft FS (fourth FS) in August 2022 ary 2023. Boeing is currently working on the

cres of soil disturbance for the construction nents (Ecology 2022b).

2018; likely moved (Integral et al. 2018).

greed Order No. DE-3599 to evaluate ps, and stormwater at the site. In 2008, for upland clean up. Agreed Order DE-6069 wn in August 2017. The PLPs submitted the 020, Ecology requested an addendum to the e addendum was submitted in December eline area consists of excavation of soil in laying a drainage blanket, installing fffer, maintaining pavement outside the river trols. The site completed Phase 2 of the ed sediment core sampling in selected cology 2022a).

roject to regrade the slope of the bank from etate (riparian habitat down to shelf habitat) rructures will be removed and not replaced. ty will be for land-based operations or I. 2018).

A 2022). Corrective Measures Study, for the ne requirement's of the RCRA Administrative (Wood 2020).

*llection Work Plan* was submitted to

|                      | Anticipated Changes <sup>2</sup> |                           |                                 |                             |   |                                      |          |                  | d Change | 5 <sup>2</sup>   |   |  |
|----------------------|----------------------------------|---------------------------|---------------------------------|-----------------------------|---|--------------------------------------|----------|------------------|----------|--|---|--|
| Tax Parcel ID<br>No. | Approximate<br>River Mile        | Adjacent RAA <sup>1</sup> | SMA<br>Designation <sup>1</sup> | Owner                       | Tenant  | Structural<br>Demolition<br>or Other | Dredging | Bank             | Upland   | Associated Active<br>Permit (Agency, Title,<br>Number)                                   | Probability<br>of Impact of<br>Anticipated<br>Changes | Additional I   |
| 5624201032           | 4.3 E                            | 28                        | 4                               |                             |   | Mainten-<br>ance                     | N        | Mainten-<br>ance | N        | Ecology, Industrial SW<br>GP   | L   | Slip 6 piers are subject to routine mainten<br>development. Will maintain as needed in p<br>maintenance of the adjacent shoreline (Int   |
| 5624200990           | 4.4 E                            |                           |                                 |                             |   | N                                    | N        | Y                | N        | No. WAR000146<br>Ecology, Construction   | L   | Shoreline stabilization project and sheet p<br>Anchor QEA 2022)  |
| 0003400018           | 4.6 E- 4.9 E                     | 29, 32, 33/34/35          | 1,3                             | Boeing                      | BDC   |                                      |          |                  |          | SW GP No. WAR310165<br>KCIW, Major Discharge<br>Authorization<br>No. 526-08 <sup>3</sup> | N/A   | BDC Stormwater Improvements (August 20<br>Boeing and Ecology signed an Agreed Ord<br>required Boeing to complete an RI, FS, Inte<br>preliminary draft CAP at the BDC Site. In N<br>signed Agreed Order No. 19427, which der<br>installation and performance monitoring o<br>site, in addition to PCB sampling and source<br>documentation (Ecology 2022a). |
| 5624200992           | 4.4 E                            |                           |                                 | Seattle City<br>Light       | City of Seattle,<br>Seattle City Light          |                                      |          |                  |          |  | N/A   | Overhead power line; authorized clearance  |
| 0423049016           | 4.95 E                           | 32, 33/34/35              | 1                               | Boeing                      | Boeing Vacant<br>Site                           |                                      |          |                  |          |  | N/A   | BDC Stormwater Improvements (August 2  |
| West Side of R       | iver (Downstream                 | n to Upstream)            |                                 | 1                           | 1   | 1                                    | 1        | 1                | 1        | 1  |   | 1  |
| 3224049037           | 3.15 W                           | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Seattle Public<br>Utilities | City of Seattle,<br>Seattle Public<br>Utilities |                                      |          |                  |          |  | N/A   | No available information   |
| 3224049004           | 3.15 W                           | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Personal<br>Property        | Individual Owner                                |                                      |          |                  |          |  | N/A   | No available information   |
| 3224049003           | 3.15 W                           | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Personal<br>Property        | Individual Owner                                |                                      |          |                  |          |  | N/A   | No available information   |
| 2185000520           | 3.17 W                           | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Personal<br>Property        | Individual Owner                                |                                      |          |                  |          |  | N/A   | No available information   |
| 2185000495           | 3.2 W                            | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Personal<br>Property        | Individual Owner                                |                                      |          |                  |          |  | N/A   | No available information   |
| 2185000475           | 3.2 W                            | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Personal<br>Property        | Individual Owner                                |                                      |          |                  |          |  | N/A   | No available information   |
| 2185000505           | 3.2 W                            | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Personal<br>Property        | Individual Owner                                |                                      |          |                  |          |  | N/A   | No available information   |

## I Information <sup>2</sup>

enance activities. No plans for change or n perpetuity. Boeing performs routine Integral et al. 2018).

pile wall installation (timing TBD;

2024; Anchor QEA 2022)

Order No. DE-16275 in July 2019 which nterim Action Work Plan, and to prepare a November 2020, Ecology WQ and Boeing defined the compliance schedule for g of four stormwater treatment systems on urce control investigation and

nce: 134 feet (See DER Map 2-6e.)

2024; Anchor QEA 2022)

|                      |                           |                           |                                 |                               |                                 |                                      | А        | nticipate | d Changes | 5 <sup>2</sup>   |   |   |
|----------------------|---------------------------|---------------------------|---------------------------------|-------------------------------|---------------------------------|--------------------------------------|----------|-----------|-----------|--|---|---|
| Tax Parcel ID<br>No. | Approximate<br>River Mile | Adjacent RAA <sup>1</sup> | SMA<br>Designation <sup>1</sup> | Owner                         | Tenant                          | Structural<br>Demolition<br>or Other | Dredging | Bank      | Upland    | Associated Active<br>Permit (Agency, Title,<br>Number) | Probability<br>of Impact of<br>Anticipated<br>Changes | Additional In   |
| 2185000825           | 3.25 W                    | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Personal<br>Property          | Individual Owner                |                                      |          |           |           |  | N/A   | No available information  |
| 2185000685           | 3.3 W                     | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Personal<br>Property          | Individual Owner                |                                      |          |           |           |  | N/A   | No available information  |
| 2185000695           | 3.25 W                    | 4/5/6, 7, 8, 10,<br>12    | 14,15,16                        | Hmh LLC                       | Hmh LLC                         |                                      |          |           |           |  | N/A   | No available information  |
| 2185000895           | 3.3 W                     | 4/5/6, 7, 8, 10,<br>12    | 14                              | King County                   | King County<br>Roads            |                                      |          |           |           |  | N/A   | No available information  |
| 2185600025           | 3.4 W                     |                           |                                 | South Park<br>Marina Ltd Part | Tire Factory                    |                                      |          |           |           |  | N/A   | No known water-dependent uses (Integral   |
| 2185600070           | 3.45 W                    | 4/5/6, 7, 8, 10,<br>12    | 14                              | South Park<br>Marina Ltd Part | Ricks Master<br>Marine          | N                                    | N        | N         |           |  | N/A   | Rick's Master Marine uses the boat ramp a<br>(Integral et al. 2018)   |
| 0001600001           | 3.5-3.7 W                 | 4/5/6, 7, 8, 10,<br>12    | 13,14                           | South Park<br>Marina Ltd Part | South Park Marina               | N                                    | Y        | Ν         | Y         | Ecology, Boatyard GP<br>WAG30045 <sup>3</sup>          | М   | Vessels are dependent upon authorized de<br>maintenance dredge event occurred in 199<br>marina. A 2003 application to dredge was<br>Park Marina had planned to dredge in 201<br>of -8 feet MLLW in the inner portions and<br>(Integral et al. 2018).<br>Ecology finalized Agreed Order No. DE 16<br>2020, the PLPs developed an RI work plan<br>completed in February 2021; RI started in I<br>was completed in August 2022; the RI is of<br>spring 2021 (Ecology 2022a). |
| 0001600044           | 3.5-3.9 W                 | 13, 14/15/16, 17          | 12,13                           | Port of Seattle               | T-117                           | N                                    | N        | Y         | Y         |  | М   | Construction for Duwamish River People's<br>access, completed and park opened July 1<br>habitat and shoreline access and created a<br>area. A small sediment cap remains in plac  |
| 7883608601           | 3.7 W                     | 19/20                     | 11                              | Boeing                        | Boeing South Park               |                                      |          |           |           |  | L   | No known water-dependent uses (Integral<br>RM 3.7-3.9 Duwamish River People's Park<br>in July 2022 (Port of Seattle 2022)   |
| 7883608603           | 3.85 W                    |                           |                                 | Boeing                        | Boeing Radiation<br>Effects Lab |                                      |          |           |           |  | N/A   | No known water-dependent uses (Integral<br>RM 3.7-3.9 Duwamish River People's Park<br>in July 2022 (Port of Seattle 2022)   |

| I Information <sup>2</sup>  |
|---|
|   |
|   |
|   |
|   |
|   |
| ral et al. 2018)  |
| p and performs maintenance in the yard  |
| depths being maintained. The last<br>1992, only at the downstream end of the<br>as filed, but dredging did not occur. South |

2017. Marina has authorized navigation depth nd -12 feet MLLW in the outer portions

16185 to preform an RI in April 2019. In an for this site. The RI Work Plan was in March 2021. The RI Work Plan Addendum ongoing. is scheduled to take place in

e's Park Habitat restoration and shoreline v 16, 2022. This project restored 14 acres of d an off-channel intertidal/riparian habitat lace (Port of Seattle 2022).

ral et al. 2018)

rk and Shoreline Habitat Project, completed

ral et al. 2018)

rk and Shoreline Habitat Project, completed

|                      |                           |                           |                                 |                                      |  |                                      | А        | nticipate | d Changes | Databilit  |   |   |
|----------------------|---------------------------|---------------------------|---------------------------------|--------------------------------------|--|--------------------------------------|----------|-----------|-----------|--|---|---|
| Tax Parcel ID<br>No. | Approximate<br>River Mile | Adjacent RAA <sup>1</sup> | SMA<br>Designation <sup>1</sup> | Owner                                | Tenant                                 | Structural<br>Demolition<br>or Other | Dredging | Bank      | Upland    | Associated Active<br>Permit (Agency, Title,<br>Number) | Probability<br>of Impact of<br>Anticipated<br>Changes | Additional Ir   |
| 0001600060           | 3.95 W                    | 23/24/25                  | 8                               | Nation<br>Industrial<br>Holding      | Sea King<br>Industrial Park LLC        |                                      |          |           |           |  | N/A   | No available information  |
| 0001600061           | 4.1 W                     | 23/24/25                  | 8                               | Duwamish<br>Yacht Club               | Duwamish Yacht<br>Club                 |                                      |          |           |           |  | N/A   | No available information  |
| 5624200005           | 4.2 W                     |                           |                                 | Delta Marine                         | Delta Marine                           |                                      |          |           |           | Ecology, Boatyard GP<br>WAG030091                      | N/A   | Ecology conducted a stormwater complian   |
| 5624200006           | 4.25 W                    |                           |                                 | Industries Inc.                      | Industries Inc.                        |                                      |          |           |           |  | N/A   | February 2020 (Ecology 2022a).  |
| 5624200931           | 4.3 W                     |                           |                                 | Seattle City<br>Light                | City of Seattle,<br>Seattle City Light |                                      |          |           |           |  | N/A   | Shoreline designated habitat in perpetuity:<br>additional information).                   |
| 5624200930           | 4.4 W                     |                           |                                 | Seattle City<br>Light                | City of Seattle,<br>Seattle City Light |                                      |          |           |           |  |   | Overhead power line; authorized clearance<br>habitat site adjacent to SCL, under power li |
| 5624200950           | 4.55 W                    |                           |                                 | Seattle City<br>Light                | City of Seattle                        |                                      |          |           |           |  | N/A   | Small habitat site adjacent to SCL (no addit  |
| 5624200970           | 4.6W                      |                           |                                 | Muckleshoot<br>Tribe USA in<br>Trust | Muckleshoot<br>Tribe USA in Trust      |                                      |          |           |           |  | N/A   | Designated habitat in perpetuity (no additi   |
| 0423049001           | 4.8 W                     |                           |                                 |                                      | AIF Trailer Leasing                    |                                      |          | Y         |           |  | N/A   |   |
| 0423049150           | 4.8 W                     |                           |                                 | Desimone Trust<br>Oxbow 2601         | Boeing Employees<br>Activity Center    |                                      |          | Y         |           |  |   | Bank construction conducted along RM 4.8<br>Map 2-6f).                                    |
| 423049073            | 4.8 W                     |                           |                                 |                                      | Pamco<br>Construction                  |                                      |          | Y         |           |  | N/A   |   |

## Information<sup>2</sup>

iance inspection at Delta Marine Industries in

ity: Hamm Creek Restoration Area (no

nce 134 feet (see BODR Map 2-6e). Small er lines (no additional information).

Iditional information).

ditional information).

4.8W, between 2020 and 2021 (see DER

|                      |   |                           |                                 |        |   | A  | nticipate | d Changes | 2                  | Probability  |   |   |
|----------------------|---|---------------------------|---------------------------------|--------|---|--|-----------|-----------|--------------------|--|---|---|
| Tax Parcel ID<br>No. | Approximate<br>River Mile                 | Adjacent RAA <sup>1</sup> | SMA<br>Designation <sup>1</sup> | Owner  | Tenant  | Structural<br>Demolition<br>or Other               | Dredging  | Bank      | Upland             | Associated Active<br>Permit (Agency, Title,<br>Number) | of Impact of<br>Anticipated<br>Changes  | Additional Ir   |
| Other Future A       | ctivities on the Ri                       | ver                       |                                 |        | •   |  |           |           |                    |  |   | -   |
| -                    | Approximately<br>4.2                      |                           |                                 | USACE  |   |  | Y         |           |                    | -  | L   | USACE routinely dredges the upper reach i<br>254+00], Section A [254+00 to 270+56], ar<br>every 2 years (USACE 2023). |
| -                    | Approximately<br>from 3.68 W to<br>3.69 E | Adjacent to RAA<br>17     | Adjacent to SMA<br>12           | Boeing | Boeing Isaacson<br>Thompson to<br>Boeing Vacant<br>Land | Underwater Power Line ("Donovan Crossing Circuit") |           |           | Crossing Circuit") | M(?)   | City of Seattle is planning the design and in<br>line ("Donovan Crossing Circuit") from Boe<br>across the river to Boeing vacant land (W).<br>to be completed in 2024 and 2026, respect |   |

#### Notes:

1. RAAs definition and designation are consistent with BODR Section 6 (Table 6-1).

2. Work by others, anticipated changes, and additional associated information (including permits) are tracked based on review of the following:

a. Anchor QEA (Anchor QEA, LLC), 2022. Personal communication with The Boeing Company.

b. Ecology (Washington State Department of Ecology), 2022a. Lower Duwamish Waterway Source Control Status Report 2020. Washington State Department of Ecology. Publication No. 22-09-178. August 2022.

c. Ecology, 2022b. Recommendation for Enforcement action Water Quality Program. Accessed July 2022. Available at: https://apps.ecology.wa.gov/paris/DownloadDocument.aspx?ld=37823).

d. Integral Consulting Inc., Moffat & Nichol, and Windward Environmental LLC, 2018. Waterway User Survey and Assessment of In-water Structures - Data Report. Prepared for U.S. Environmental Protection Agency Region 10. July 2, 2018.

e. Port of Seattle, 2022. Duwamish River People's Park and Shoreline Habitat (https://www.portseattle.org/peoplespark). Accessed July 2022.

f. Ecology, 2022b. Water Quality Permitting and Reporting Information System (PARIS) (https://apps.ecology.wa.gov/paris). Accessed July 2023.

g. King County, 2022. King County Lower Duwamish Source Control Annual Report Year 2021. King County, Department of Public Health-Seattle & King County. Prepared for Washington State Department of Ecology. October 2022.

h. Wood, 2020. Carbon Dioxide Neutralization Pilot Study Results, Former Rhone-Poulenc Site. Prepare for Container Properties LLC. Prepared by Wood. May 2020.

i. DOF (Dalton, Olmsted & Fuglevand, Inc.), 2021. Final Pre-CMS Data Collection Work Plan. Former Rhone-Poulenc Site, Tukwila, Washington. Prepared for Container Properties, LLC. April 2021.

j. USACE (U.S. Army Corps of Engineers), 2023. Memorandum for Record. Regarding: DMMP Recency Extension for Operations and Maintenance (O&M) Dredging of the Lower Duwamish Waterway (Sections A, B, and Turning Basin) in Seattle, Washington. April 26, 2023. Available at:

https://www.nws.usace.army.mil/Portals/27/docs/civilworks/dredging/Suitability%20Determinations/DY23/Duwamish\_RecencyExt\_2023\_04\_26\_WEB.pdf?ver=SNtQ6BHCGNhhxLwJSvHttQ%3d%3d.

3. Area with potential future maintenance dredging; however, USACE permit is not currently identified as active.

4. Anchor QEA, 2023a. Personal communication with City of Seattle. January 30, 2023.

5. Anchor QEA, 2023b. City of Seattle Website for RFQ: RFQ #SCL-767028507. Available at: https://consultants.seattle.gov/2023/02/17/multidisciplinary-engineering-consulting-services-rfg-scl-767028507/. Accessed April 2023.

| : no change anticipated                                | MTCA: Model Toxics Control Act               |
|--|--|
| 5  |  |
| BDC: Boeing Developmental Center                       | N: no  |
| BODR: Basis of Design Report                           | N/A: not applicable                          |
| Boeing: The Boeing Company                             | PCB: polychlorinated biphenyl                |
| CAP: cleanup action plan                               | PLP: potentially liable party                |
| DER: Data Evaluation Report                            | RAA: remedial action area                    |
| E: east  | RAL: remedial action level                   |
| EAA: early action area                                 | RCRA: Resource Conservation and Recovery Act |
| Ecology: Washington State Department of Ecology        | RI: remedial investigation                   |
| EPA: U.S. Environmental Protection Agency              | RM: river mile                               |
| FNC: federal navigation channel                        | SCL: Seattle City Light                      |
| FS: feasibility study                                  | SMA: sediment management area                |
| GP: General Permit                                     | SW: Stormwater                               |
| H: high probability of impact of anticipated changes   | TBD: to be determined                        |
| KCIW: King County Industrial Waste                     | USACE: U.S. Army Corps of Engineers          |
| L: low probability of impact of anticipated changes    | W: west                                      |
| LDW: Lower Duwamish Waterway                           | Y: yes                                       |
| M: medium probability of impact of anticipated changes |  |
| MLLW: mean lower low water                             |  |

#### Information<sup>2</sup>

h in three sections (Section B [242+00 to and Turning Basin [270+56 to 275+56])

installation of a future underwater power being Isaacson Thompson property (E) *I*). Design and construction are anticipated ectively (Anchor QEA 2023a, 2023b).<sup>4,5</sup>

# Figure



|  | re P-1. Upland Properties Adjacent to<br>ledial Action Areas within the LDW Upper<br>ch |
|--|---|
|--|---|