

Appendix O
Tracking Work by Others During Remedial Design (as of August 2022)

Tax Parcel ID No.	Approximate River Mile	Adjacent Remedial Action Area	Owner	Tenant	Anticipated Changes ¹				Associated Active Permit (Agency, Title, Number)	Additional Information ¹
					Structural Demolition or Other (Y/N)	Dredging (Y/N)	Bank (Y/N)	Upland (Y/N)		
East Side of River (Downstream to Upstream)										
0022000005	3.0 E	1/2/3	Boeing	Boeing Plant 2	--	--	Y	Y	KCIW, Metal Finishing Permit #7811-04 Ecology, Industrial SW GP #WAR000482	Shoreline habitat restoration; interviewee suspects that sand placed at Boeing Plant 2 early action area is moving downstream and shoaling the navigation channel. Interviewee notes that the sand bars shift often and that the nearshore area is eroding and deepening while the outer berthing areas and navigation channel are shoaling (Integral et al. 2018). EPA indicated that shoreline remediation and restoration activities have been completed at this site. Any remaining remediation (under Resource Conservation and Recovery Act/Toxic Substances Control Act) is limited to upland areas (Integral et al. 2018). MTCA Agreed Order (July 2007, amended July 2013), Enforcement order (March 2015). MTCA Agreed Order (July 2017). In June 2019, Boeing submitted a proposed Upland cleanup plan (Ecology 2021).
2185000005	3.2 E	4/5								
3324049002	3.35 E	4/5								
0001600020	3.5 E	--								
0001600023	3.6 E	14,17		Star Forge LLC	--	--	--	--	KCIW, Minor Discharge Authorization Permit #1122-01	Jorgensen Forge outfall work is complete. Separate EMJ action for sediments may involve additional sediment work. Extent to which this will involve the shoreline is unknown (Integral et al. 2018).
0001600014	3.75 E	18	Boeing	Boeing Isaacson	--	--	Y	--	--	Shoreline stabilization project (timing TBD) (Personal AQ/Boeing communications on 4/14/22).
0007400033	3.8 E	18	Boeing	Boeing Thompson Site	--	--	--	Y	Ecology, Industrial SW GP #WAR000148	Upland Model Toxics Control Act site (Integral et al. 2018). In April 2010, Boeing and Ecology entered into Agreed Order DE-7088. Ecology reviewed the draft Final FS Report and prepared comments to send to Boeing in early 2020. (Ecology 2021).
5422600060	4.0 E	24, 25, 26, 27	Centerpoint Properties	Insurance Auto Auctions	--	--	--	Y	Ecology, Construction SW GP #WAR310454	Upland construction consisting of 24.5 acres of soil disturbance for the construction of a warehouse facility and site improvements (Ecology 2022). No interview form, lease ended in early 2018, likely moved (Integral et al. 2018). Engineering design report for the work described in the Interim Action Work Plan was expected to be submitted to Ecology for review in 2020 (Ecology 2021).
5422600010	4.1 E	27	Container Properties LLC	Container Properties LLC	Y	N	Y	Y	KCIW, Major Discharge Authorization #4167-03	In 3 to 5 years, they will be completing a habitat rehabilitation project to regrade the slope of the bank from near vertical to 4.5 or 5:1 slope and vegetate (riparian habitat down to shelf habitat). All current in-water structures will be removed and not replaced. The anticipated future use of the property will be for land-based operations or storage - no waterway use (Integral et al. 2018). Upland cleanup (Timing TBD) (Personal AQ/Boeing communications on 4/14/22).
5624201032	4.3 E	28	Boeing	Boeing Developmental Center	Maintenance	N	Maintenance	N	Ecology, Industrial SW GP #WAR000146	Slip 6 facilities (pier) subject to routine maintenance activities. No plans for changes/development. Will maintain as needed in perpetuity. Boeing performs routine maintenance of the adjacent shoreline (Integral et al. 2018).
5624200990	4.4 E	--			N	N	Y	N	Ecology, Construction SW GP #WAR310165	Shoreline stabilization project and sheetpile wall installation (Timing TBD) (Personal AQ/Boeing communications on 4/14/22).
0003400018	4.6 E	29			--	--	--	--	KCIW, Major Discharge Authorization #526-08 (See footnote 2)	BDC Stormwater Improvements (Timing TBD) (Personal AQ/Boeing communications on 4/14/22). MTCA Agree Order, July 2019 (Ecology 2021). In August 2019, Ecology conducted a stormwater compliance inspection and concluded that Boeing Developmental Center no longer needed to sample discharge for DCU as the area had been converted to parking. (Ecology 2021).
5624200992	4.4 E	--	Seattle City Light	City of Seattle, Seattle City Light	--	--	--	--	--	Overhead power line. Authorized clearance 134 feet (see DER Map 2-6e).
0423049016	4.95 E	35	Boeing	Boeing Vacant Site	--	--	--	--	--	BDC Stormwater Improvements (timing TBD) (Personal AQ/Boeing communications on 4/14/22).

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West Side of River (Downstream to Upstream)											
3224049037	3.15 W	4/5	Seattle Public Utilities	City of Seattle, Seattle Public Utilities	--	--	--	--	--	--	No available information.
3224049004	3.15 W	4/5	Personal Property	Individual Owner	--	--	--	--	--	--	No available information.
3224049003	3.15 W	4/5	Personal Property	Individual Owner	--	--	--	--	--	--	No available information.
2185000520	3.17 W	4/5	Personal Property	Individual Owner	--	--	--	--	--	--	No available information.
2185000495	3.2 W	4/5, 7	Personal Property	Individual Owner	--	--	--	--	--	--	No available information.
2185000475	3.2 W	4/5, 7	Personal Property	Individual Owner	--	--	--	--	--	--	No available information.
2185000505	3.2 W	4/5, 7	Personal Property	Individual Owner	--	--	--	--	--	--	No available information.
2185000815	3.25 W	4/5	Personal Property	Individual Owner	--	--	--	--	--	--	No available information.
2185000685	3.3 W	4/5, 8	Personal Property	Individual Owner	--	--	--	--	--	--	No available information.
2185000695	3.25 W	4/5	Hmh LLC	Hmh LLC	--	--	--	--	--	--	No available information.
2185000895	3.3 W	8, 10	King County	King County Roads	--	--	--	--	--	--	No available information.
2185600025	3.4 W	--	South Park Marina Ltd Part	Tire Factory	--	--	--	Y	--	Tire Factory: No known water-dependent uses (Integral et al. 2018).	
2185600070	3.45 W	12	South Park Marina Ltd Part	Ricks Master Marine	N	N	N		--	Rick's Master Marine: Uses the boat ramp and performs maintenance in the yard (Integral et al. 2018).	
0001600001	3.5-3.7 W	12,13	South Park Marina Ltd Part	South Park Marina	N	Y	N		Ecology, Boatyard GP WAG30045 (See footnote 2)	Vessels are dependent upon authorized depths being maintained. The last maintenance dredge event occurred in 1992, only at the downstream end of the marina. A 2003 application to dredge was filed, but dredging did not occur. South Park Marina had planned to dredge in 2017. Marina has authorized navigation depth of -8 ft MLLW in the inner portions and -12 ft MLLW in the outer portions. (Integral et al. 2018). Upland cleanup: South Park Marina upland site currently under remedial investigation (Ecology 2022).	
0001600044	3.5-3.9 W	13, 14, 15/16	Port of Seattle	T-117	N	N	Y	Y	--	Construction for Duwamish River People's Park Habitat restoration and shoreline access, completed and park opened July 16, 2022 (Port of Seattle 2022). A port Natural Resource Damage Assessment restoration plan for T-117 and adjacent Trenton Boeing shoreline created 13 acres of off-channel intertidal/riparian habitat area in the central portion of the current T-117 uplands area, and the banks of the site will be modified slightly. A small sediment cap will remain in place (Integral et al. 2018).	
7883608601	3.7 W	19/20	Boeing	Boeing South Park	--	--	--	--	--	--	No known water-dependent uses (Integral et al. 2018). River Mile 3.7-3.9 Duwamish River People's Park and Shoreline Habitat Project, completed in July 2022 (Port of Seattle 2022).

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7883608603	3.85 W	--	Boeing	Boeing Radiation Effects Lab	--	--	--	--	--	No known water-dependent uses (Integral et al. 2018).
0001600060	3.95 W	23	Nation Industrial Holding	Sea King Industrial Park LLC	--	--	--	--	--	No available information.
5624200005	4.2 W	--	Delta Marine Industries Inc.	Delta Marine Industries Inc.	--	--	--	--	Ecology, Boatyard GP WAG030091	No available information.
5624200006	4.25 W									No available information.
5624200931	4.3 W	--	Seattle City Light	City of Seattle, Seattle City Light	--	--	--	--	--	Shoreline designated habitat in perpetuity - Hamm Creek Restoration Area (no additional information).
5624200930	4.4 W	--	Seattle City Light	City of Seattle, Seattle City Light	--	--	--	--	--	Overhead power line; authorized clearance 134 feet (See BODR Map 2-6e). Small habitat site adjacent to SCL, under power lines (no additional information).
5624200950	4.55 W	--	Seattle City Light	City of Seattle	--	--	--	--	--	Small habitat site adjacent to SCL (no additional information).
5624200974	4.6W	--	Muckleshoot Tribe USA in Trust	Muckleshoot Tribe USA in Trust	--	--	--	--	--	Designated habitat in perpetuity (no additional information).
0423049001	4.8 W	--	Desimone Trust Oxbow 2601	AIF Trailer Leasing	--	--	Y	--	--	Bank construction conducted along RM 4.8W, between 2020 and 2021 (see DER Map 2-6f).
0423049150	4.8 W	--		Boeing Employees Activity Center	--	--	Y	--	--	
423049073	4.8 W	--		Pamco Construction	--	--	Y	--	--	

Notes:

1. Work by others, including permits, are tracked based on review of:

- a. Ecology, 2021. Lower Duwamish Waterway Source Control Status Report 2019. Washington State Department of Ecology. Publication No. 21-09-174. November 2021.
- b. Integral et. al 2018. *Waterway User Survey and Assessment of In-water Structures - Data Report*. Prepared for USEPA Region 10. Prepared by Integral Consulting Inc., Moffat & Nichol, and Windward. July 2, 2018.
- c. Port of Seattle 2022. *Duwamish River People's Park and Shoreline Habitat* (<https://www.portseattle.org/peoplespark>). Website access in July 2022.
- d. Ecology 2022. *Water Quality Permitting and Reporting Information System (PARIS)* (<https://apps.ecology.wa.gov/paris>). Website access in July 2022.
- e. King County Department of Natural Resources and Parks, Department of Executive Services, Department of Local Services, Department of Public Health-Seattle & King County 2021. King County Lower Duwamish Source Control Annual Report Year 2020. Prepared for: Washington State Department of Ecology. October 2021.

2. Area with potential future maintenance dredging; however, no USACE permit is not currently identified as active.

DER: Data Evaluation Report

E: east

GP: General Permit

KCIW: King County Industrial Waste

MLLW: mean lower low water

SCL: Seattle City Light

SW: Stormwater

TBD: to be determined

W: west