



• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	531728
• SHARP date	07/24/2024		CSID	5055
• EJFlagged?	✓ – No Override		FSID	2067
• LD confidence level	medium		VCP	NW3339
• Cleanup milestone	remedial investigation		UST ID	515
• SHARPster	Kim Vik		LUST ID	6044

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SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	medium	multiple chemical types	✓
Groundwater	C2	medium	risk to off-site people	⊘
Surface water	D4	low	climate change impacts	⊘
Sediment	D4	medium	plant/animal tissue data	⊘
Soil	C1	medium		

Location and land use info	
7730 S 202nd St, Kent, King County, 98032	
Primary parcel	6315000300
Land use	industrial
Responsible unit	NWRO

Sources reviewed
Interim action Report (2/6/24)
Revised Interim Action Work Plan (7/25/23)
Remedial Investigation Work Plan Addendum (6/23/23)
Ecology Opinion Letter (8/24/22)
Remedial Investigation Work Plan (3/16/22)
Limited Phase II Environmental Site Assessment (3/21/17)
Phase I Environmental Site Assessment (7/20/15)
(see Overflow)



Primary census tract	Associated census tracts
53033029206	None

Local demographics comments
no comments

Source/source area description
<p>The primary source is the former dross pile (by-product of the aluminum recycling process) which leached metals and salt to the subsurface (soil and GW). Stormwater run-off from the uncovered dross pile and groundwater discharging to the drainages ditches also contaminated soil and SW in the dithces. Water accumulates in the drainage ditches intermittently (only during the wet season). The onsite ditches ultimately discharge to surface water (Mill Creek). During an evaluation in May 2024, ECY determined the medium in the drainage ditches is considered soil, not sediment (based on sediment criteria).</p>

Soil comments
<p>The Site is undergoing and interim action cleanup. ECY has determined that the medium in the ditches is considered soil, not sediment (based on definition of sediment). The TEE conducted by ECY determined that the Site qualified for an exclusion. The Site is fenced preventing access by the public. The redevelopment will include a warehouse building and paved areas covering most of the former dross pile/smeleter building area.</p>

Groundwater comments
<p>The boundary of the groundwater plume along the west Property boundary has not been confirmed; only partial data, but not enough to determine that the plume has migrated off the Site.</p>



Surface water comments

There is a wetlands area in the NE corner of the Property that intermittently contains water (wet season). The wetland is "dry" most of the year. SW samples have been collected from the drainage ditches on the Property which were above the CULs. The ditches only contain water during the rainy season. The drainage ditches will be replaced by tight-lined stormwater piping during the Property redevelopment in 2024.

Sediment comments

In May 2024 ECY determined that the medium in the ditches are considered soil (based on definition of sediment). The soil in the drainage ditches could be a source on contamination to SW, so the screening levels include protection of SW.

Indoor air comments

no comments

Additional factors comments

no comments



Site history [Go to top](#)

Property was agricultural until the 1970s. Maralco operated a secondary aluminum smelter from 1980 to 1986. The smelter produced aluminum ingots using the molten salt process from recycled aluminum cans, KBI dross, and scrap metal. The wastes from this process included black dross ("salt cake") which was a mixture of salt, aluminum oxide, and impurities from the molten salt-smelting process. Maralco filed for bankruptcy in 1983 and ceases operations in 1986 leaving approximately 35,000 tons of uncovered dross on the Property. ECY conducted emergency IA in 1987 to stabilize the dross pile and minimize migration into the ditches. RIs were conducted off and on from 1991 through 2017. The site entered into VCP agreements in 2005 (VCP NW1399) and 2011 (VCP NW2356), but those agreements were terminated. The Site entered in to the VCP in 2002 (NW3339) which was terminated in January 2024 when the Site went into ECY's formal program. The dross piles were removed from Aug to Nov 2023 under VCP3339. The RI/FS and DCAP will be conducted under the AO. Interim action to remove contaminated soil from the Site, including drainage dithces, is scheduled for the summer of 2024 during Property redevelopment activities.



Overflow - Site contamination and cleanup history

Item 6: Reviewed documents include all those documents that are listed in the Ecology Opinion Letter dated 8/24/22 and draft work plans (2024) that are currently in Ecology review under the formal program (not yet approved by Ecology).

Maralco

5055 Maralco 20240724

First SHARP

SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model

07/24/2024



Assessment scores by environmental medium

