Eatonville Landfill

SHARP Report — Part 1 of 2

Go to site contamination history

• SHARP reSHARP results	v2024.04.29	Ecology Info	
• SHARP rating	Medium	ERTS	na
• SHARP date	07/29/2025	CSID	15271
• EJFlagged?	⃠ - No Override	FSID	85933
• LD confidence level	low	VCP	na
• Cleanup milestone	cleanup implementation	UST ID	na
• SHARPster	Sam Meng	LUST ID	na

♦ Historic SHARP first SHARP results	♦ SHARP Tool version
♦ SHARP rating	medium
♦ SHARP date	45443
♦ EJFlagged?	No EJFlag - No Override
♦ LD confidence level	low
♦ Cleanup milestone	feasibility study
♦ First SHARPster	Meredith Bee

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	high	multiple chemical types	✔
Groundwater	C2	high	risk to off-site people	✔
Surface water	D4	high	climate change impacts	✔
Sediment	D4	high	plant/animal tissue data	⃠
Soil	A1	high		

Location and land use info

Mashel Prairie Rd, Eatonville, Pierce County, 98328

Primary parcel	0416201007
Land use	other
Responsible unit	SWRO

Sources reviewed

2024, Draft RI/FS, GSI Water Solutions, Inc

2021, Factsheet, Ecology

2025, Cleanup Action Plan, GSI Water Solutions, Inc

Primary census tract	Associated census tracts
53053073200	SHARP it

Local demographics comments

A zero was applied to all EJscreen parameters because the EJscreen website was not available at the time of rating.

Source/source area description

The former Eatonville Landfill is near the Town of Eatonville in rural Pierce County. Weyerhaeuser leased the property to the Town for use as a dump from 1950 until about 1980. It is an unlined, unfenced dump site about two acres in size. Municipal solid waste, appliances, car parts, empty drums, tires, and other waste were disposed of at the landfill. Waste burning occurred at the Site.

Soil comments

Soil contaminants of concern include metals (arsenic, cadmium, chromium, hexavalent chromium, copper, iron, lead, nickel, zinc), Pentachlorophenol, total cPAHs, total DRO, ORO, GRO.

Groundwater comments

Groundwater contaminants of concern includes hexavalent chromium, iron and zinc.

Surface water comments

Contaminants of concern in site surface water are hexavalent chromium and zinc. The Mashel River is near to the site but inpacts to the river have not been found and discharge to the river might be unlikely.

Sediment comments

Although the site includes a wetland, the wetland doesn't support the growth of aquatic life. The soil in the wetland is not considered sediment in this cleanup.

Indoor air comments

no comments

Additional factors comments

There is a risk of landslides since the site in located on a slope and along a natural ravine.

Site history

Go to top

The landfill is on a very steep slope. There is a wetland at the lower end and the base of the landfill. Water from the wetland flows downstream about ¼ mile to the Mashel River. A major tributary of the Nisqually River, the Mashel River provides critical spawning and rearing habitat for Fall Chinook salmon and steelhead.
The Nisqually State Park surrounds the landfill. The state plans to develop recreational facilities in the area where the landfill is located.
The Nisqually Indian Tribe holds fishing, hunting, and gathering rights in the Nisqually watershed and the area around the Site is culturally important to them.

The Site has been vacant and undeveloped since the informal closure of the landfill in 1980. During closure of the landfill, a barrier of tree stumps and snags was placed at the upslope landfill ridge to restrict vehicle access; however, illegal dumping and firearm use still occured after the formal landfill closure. At varying times, the land on and near the landfill appears to have been used for unauthorized recreational shooting.

Overflow - Site contamination and cleanup history

No overflow

Eatonville Landfill

15271 Eatonville Landfill 20250729
reSHARP
SHARP rating — Medium

SHARP Report — Part 2 of 2

Conceptual site model
07/29/2025

SHARP