



SHARP Results	
Version	2024.01.03A
SHARP rating	Medium
SHARP date	7/17/2024
EJFlag criterion met?	⊘
Cleanup process	cleanup action plan
Ranker	David Horne

Section is blank if this is an Initial SHARP Ranking

SHARP Media	Scores	Conf
Indoor air	D4	high
Groundwater	C1	high
Surface water	B1	high
Sediment	D4	high
Soil	A1	high

Additional Factors	
multiple chemical types	✓
risk to off-site people	✓
climate change impacts	✓
plant/animal tissue data	⊘

Ecology Info
ERTS n/a
FSID 2662
CSID 304
VCP n/a
UST ID n/a
LUST ID n/a

Location and Land Use Info

Address	807 S March Point Road, Anacortes, Skagit County, 98221	Responsible unit	Headquarters
Parcel/s		Primary land use	Industrial

Source/source area description

The March Point Landfill, also called Whitmarsh Landfill, is generally located at 9663 South March Point Road in Anacortes, Skagit County, WA. The site began in 1950 as an unregulated public dump, and then operated as a county landfill from 1961 – 1973.

Site narrative summary

The site's tidelands were filled in with household, commercial, and industrial solid wastes. A sawmill operated on the closed landfill where methane-generating wood waste accumulated up to ten feet thick over large portions of the site. Most of the wood waste was removed in 2014 and 2015.

Soil, water, and soil gas samples as far back as 1985, showed one or more measurable levels of contamination from methane (gas), metals, total petroleum hydrocarbons, benzene, semi-volatile organic compounds, polychlorinated biphenyls, and pesticides. No buildings exist on site.



Socioeconomic indicator comments

The hazardous substances from this site remained on the census tract where the release occurred.

Soil comments

The remedial investigation showed the following exceedances of the preliminary cleanup levels:
- Soil: total and dissolved metals, polychlorinated biphenyls (PCBs), total petroleum hydrocarbons in the gasoline range and oil ranges, benzene, semivolatiles organic compounds (SVOCs), and pesticides.

Groundwater comments

The remedial investigation showed the following exceedances of the preliminary cleanup levels:
- Groundwater: total and dissolved metals, PCBs, benzene, SVOCs, pesticides.
- Seeps: total and dissolved metals, benzene, the SVOC 1-methylnaphthalene, PCBs, the pesticide 4,4'-DDE.

Surface water comments

The remedial investigation showed the following exceedances of the preliminary cleanup levels:
- Seeps: total and dissolved metals, benzene, the SVOC 1-methylnaphthalene, PCBs, the pesticide 4,4'-DDE.
- Surface water: total and dissolved metals, benzene, SVOCs, and the pesticide 4,4' DDD.

Sediment comments

A sediment investigation and watershed study was performed at the Site from 2008 through 2011. Sediment samples were collected from the inner lagoon, the swale located south of the landfill, and a portion of the outer lagoon during four rounds of sediment sampling. It was concluded based on the results of the sediment investigation that the seep discharges from the landfill do not have a negative effect on the sediment biota. Therefore, no impacts on sediments in the inner lagoon or Padilla Bay associated with the landfill were identified.

Indoor air comments

No indoor air as there are no buildings or structures on site.

Additional factors comments

The remedial investigation showed the following exceedances of the preliminary cleanup levels:
- Soil: total and dissolved metals, polychlorinated biphenyls (PCBs), total petroleum hydrocarbons in the gasoline range and oil ranges, benzene, semivolatiles organic compounds (SVOCs), and pesticides.
- Groundwater: total and dissolved metals, PCBs, benzene, SVOCs, pesticides.
- Seeps: total and dissolved metals, benzene, the SVOC 1-methylnaphthalene, PCBs, the pesticide 4,4'-DDE.

March Point Landfill

Ranked 07/17/2024

Initial SHARP Ranking

Medium Rating

SHARP report, part 2

Conceptual site model

