

Olympic View Sanitary Landfill



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	none
• SHARP date	07/31/2025		CSID	4217
• EJFlagged?	⊘ - No Override		FSID	79649975
• LD confidence level	low		VCP	none
• Cleanup milestone	site hazard assessment		UST ID	none
• SHARPster	Tim O'Connor		LUST ID	none

This section is blank if this is the first SHARP	

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

Location and land use info	
10015 SW Barney White Road, Port Orchard, Kitsap County, 98312	
Primary parcel	102301-1-004
Land use	other
Responsible unit	NWRO

Sources reviewed
RI/FS, DCAP, AO's, Annual Groundwater Reports, Periodic Reviews.

Primary census tract	Associated census tracts
920	none

Local demographics comments

no comments

Source/source area description

Olympic View Sanitary Landfill (OVSL) operated as a municipal solid waste (MSW) landfill between 1963 and 2002. OVSL includes three adjoining MSW landfill (MSWLF) units. The approximate 20-acre Old Barney White Landfill (OBWL) is located on the southwest corner of OVSL, the approximate 25-acre Phase I MSWLF was constructed east-adjacent to the OBWL, and the approximate 20-acre Phase II MSWLF was constructed north-adjacent to the Phase I MSWLF. OBWL is unlined and the Phase I and II MSWLF units are lined. Phase IA is lined, but constructed before WAC 173-304 became effective, while the Phase IB and IC liners meet WAC 173-304 design specifications. The Phase II MSWLF unit meets WAC 173-351 design specifications. The OBWL and Phase I covers meet WAC 173-304 design specifications and the Phase II cover meets WAC 173-351 design specifications.

Soil comments

no comments

Groundwater comments

no comments

Surface water comments

no comments

Sediment comments

no comments

Indoor air comments

no comments

Additional factors comments

no comments

Site history

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Waste Management (WM) (owner/operator and PLP) entered into Agreed Order No. DE 00SWFAPNR-1729 with Ecology on January 31, 2000 to address the release of vinyl chloride, arsenic, iron, manganese, and ammonia into groundwater downgradient of the landfill. The Order required WM to prepare a remedial investigation (RI), feasibility study (FS), and draft cleanup action plan. The RI/FS was completed in October 2010 after interim actions were performed to improve the landfill containment systems.

WM entered into Agreed Order No. 8462 with Ecology on June 9, 2011 to implement the Cleanup Action Plan. The Cleanup Action Plan addresses groundwater contamination, establishes groundwater cleanup levels for ten indicator hazardous substances, identifies conditional points of compliance for groundwater at 150 meters from the landfill boundary (consistent with WAC 173-351 definitions), identifies compliance groundwater wells, describes the interim actions performed and actions planned to improve landfill containment systems, requires that WM implement a monitored natural attenuation program for groundwater, and recognized that institutional controls and financial assurance are required under the solid waste regulations.

Ecology performed periodic reviews in 2017 and 2021. WM is required to perform post-closure care until the landfill becomes functionally stable for leachate, landfill gas, landfill settlement and cover integrity, and groundwater quality in accordance with WAC 173-351-500(2)(b)(iii). WM conducted a regional background groundwater statistical evaluation and adjusted the groundwater cleanup levels for arsenic, iron, manganese, and ammonia accordingly. The 2021 CAP Addendum specifies the revised groundwater cleanup levels. The site has two environmental covenants for different parcels that meet the requirements for MSW landfills under WAC 173-351 and for MTCA Cleanups under WAC 173-340.

Overflow - Site contamination and cleanup history

The landfill is located on Parcels 102301-1-1004 (east parcel, 41.40 acres), 102301-1-001 (north parcel, 41.38 acres), and 102301-1-003 (west parcel, 27.34 acres). Contamination extends west of the landfill on Parcels 102301-2-028 (40.40 acres, west abuts the OBWL and leachate lagoon), 102301-1-005 (14.08 acres, west-abuts north landfill parcel) and 102301-1-002 (41.40 acres, abuts landfill to northeast). Waste Management of WA Inc is the taxpayer for all impacted parcels. WM owns additional parcels: 022301-3-003, 102301-3-001, 102301-4-002, 102301-4-001, and 032301-4-009.

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First SHARP

SHARP rating — Low

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Conceptual site model

07/31/2025



Assessment scores by environmental medium

