



Diablo Dry Dock

File: 16632 Diablo Dry Dock 20240501

SHARP Report — Part 1 of 2

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| • SHARP first SHARP | | v2024.04.29 | Ecology Info | |
|-----------------------|-----------------------|-------------|--------------|----------|
| • SHARP rating | Critical | | ERTS | 708177 |
| • SHARP date | 1/1/1900 | | CSID | 16632 |
| • EJFlagged? | ⊘ - No Override | | FSID | 99997341 |
| • LD confidence level | high | | VCP | SHARP it |
| • Cleanup milestone | initial investigation | | UST ID | SHARP it |
| • SHARPster | Anthony Wenke | | LUST ID | SHARP it |

This section is blank if this is the first SHARP

| SHARP Media | Scores | Confidence | Additional Factors |
|---------------|--------|------------|----------------------------|
| Indoor air | D4 | high | multiple chemical types ✓ |
| Groundwater | B3 | low | risk to off-site people ✓ |
| Surface water | A1 | low | climate change impacts ✓ |
| Sediment | A2 | medium | plant/animal tissue data ⊘ |
| Soil | A1 | high | |

| Location and land use info | |
|--|--------------|
| Diablo Dam Rd, Diablo, Whatcom County, 98283 | |
| Parcel(s) | n/a |
| Responsible unit | EPA |
| Land use | recreational |

| Sources reviewed |
|--|
| Community Involvement Plan, Ross Lake National Recreation Area. Prepared by National Park Service. January 5, 2023. |
| Re: Early Notice Letter Regarding a Release of Hazardous Substances, Diablo Dry Dock. Ecology. September 23, 2022. |
| Initial Investigation Field Report, Diablo Dry Dock. Ecology. November 3, 2021. |
| Email correspondence. RE: ERTS 708177. Ecology. August 24, 2021. |
| Email correspondence. FW: [EXTERNAL] Diablo Dry Dock soil and sediment contamination (ERTS 708177). Ecology. August 24, 2021. |
| Engineering Evaluation/Cost Analysis Sampling and Analysis Plan. Geosyntec Consultants. April 20, 2021. |
| CERCLA Response Action: Diablo Dry Dock Site Webpage. https://parkplanning.nps.gov/projectHome.cfm?projectId=74945 Accessed April 30, 2024. |



| Primary census tract | Associated census tracts |
|----------------------|--------------------------|
| 53073010103 | n/a |

| Local demographics comments | Go to top |
|-----------------------------|---------------------------|
| no comments | |

| Source/source area description | Go to top |
|--|---------------------------|
| <p>The Diablo Dry Dock is located on the north shore of Diablo Lake on National Park Service (NPS) land and within the Ross Lake National Recreation Area. The Dry Dock was constructed in the late 1930s and includes marine railway tracks and a shelter. The Dry Dock is partially developed with numerous gravel roads, footpaths, buildings, and other infrastructure. Historical use of the facility for boat storage and maintenance suggests that contaminants of concern include metals from sand blast grit, petroleum from boat fueling activities, and cPAH (carcinogenic polycyclic aromatic hydrocarbons) from petroleum and/or treated timber supports. The NPS also used pesticides to control pests around buildings, which may have been used or stored at the Dry Dock. Soils at the site are generally gravelly sandy silt or silty sand. Source area comprises of soil locations under and around the Dry Dock, and impacted sediments along the shoreline.</p> | |

| Soil comments | Go to top |
|---|---------------------------|
| <p>Limited soil sampling conducted in 2014 and 2015 provide adequate confidence in these findings, however further characterization is planned under the EE/CA to fill data gaps in soil media.</p> | |

Groundwater comments

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Groundwater has not been analyzed as part of past remedial characterization activities. The 2021 EE/CA SAP describes the potential for soil-groundwater leaching pathway and that future characterization work under the CERCLA cleanup will characterize this pathway. Groundwater (measured at depths ranging from 25-42 feet below ground surface in three wells) flowed in a southerly direction, toward Diablo Lake.

Surface water comments

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In the 2021 EE/CA SAP, NPS indicates "Surface water is not a media of potential concern and no surface water sampling is proposed." However, the extent of exceedances in shoreline soil and sediments above MTCA method A and B levels indicates this media may have been impacted by the history of releases to the property's surface water.

Sediment comments

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Additional characterization of PBT chemicals in sediment is a data gap that will be addressed in the planned EE/CA. All other reported results of exceedances in sediments (metals) are high confidence.

Indoor air comments

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The building on site is an open structure (indoor air cannot accumulate).

Additional factors comments

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Site location is on the shoreline and sediment area of Diablo Lake. Diablo lake is a reservoir created by Diablo Dam and is located between Ross and Gorge Lakes on the Skagit River. These waterbodies are fed via snowmelt.

Site contamination and cleanup history

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Hart Crowser conducted limited upload soil and sediment investigations in 2014 and 2015. Analytical results confirm the presence of metals, petroleum, and cPAHs in soil and/or sediment samples. For soil, total cPAHs and at least eight metals exceed Method A and/or Method B cleanup levels. For sediments, at least five metals were detected, but lead was the only metal to have a concentration greater than Method B cleanup levels. Diesel and oil-range petroleum organics were also detected in soil and sediments samples, however, concentrations at most sample locations did not exceed cleanup levels for Method A or for the terrestrial ecological evaluation. On July 16, 2019, Seattle City Light (SCL) entered into an Administrative Settlement and Order on Consent with the US Department of the Interior and NPS for the performance of removal actions by SCL. Geosyntec prepared a April 2021 Sampling and Analysis Plan (SAP) and a Conceptual Site Model. In a August 23, 2021 correspondence to Ecology, The U.S. National Park Service (NPS) indicated that any cleanup actions will be developd and analyzed in the Engineering Evaluation/Cost Analysis, and will undergo public review and comment prior to selecting a removal action at the Site. Ecology prepared an Initial Investigation for the property on November 3, 2021, listed the Site on the Confirmed and Suspected Contaminated Sites List and sent an Early Notice Letter to NPS on September 23, 2022. No additional activities have been reported to Ecology.

Overflow - Site contamination and cleanup history

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Following submittal of Ecology's Early Notice Letter, the NPS response to Ecology indicates that they are overseeing a CERCLA response action conducted by the PRP at the Diablo Dry Dock pursuant to NPS's delegated lead agency authority.

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First SHARP

Critical SHARP Rating

SHARP Report — Part 2 of 2

Conceptual site model

05/01/2024



Assessment scores by environmental medium

