

**Gas Works Park**

**SHARP Report — Part 1 of 2**



<b>• SHARP first ranking</b>		This section is blank if this is a SHARP first ranking		
<ul style="list-style-type: none"> <li>• SHARP Tool Version v2024.02.07A</li> <li>• SHARP rating High</li> <li>• SHARP date 5/9/2024</li> <li>• EJFlagged? </li> <li>• LD data confidence level low</li> <li>• Cleanup milestone cleanup action plan</li> <li>• Ranker David Butler</li> </ul>				
<b>Ranking Media</b>	<b>Scores</b>	<b>Conf</b>	<b>Additional Factors</b>	<b>Ecology Info</b>
Indoor air	D4	high	multiple chemical types	ERTS n/a
Groundwater	C1	high	risk to off-site people	CSID 2876
Surface water	A1	high	climate change impacts	FSID 139
Sediment	A1	high	plant/animal tissue data	VCP n/a
Soil	B1	high		UUST ID n/a
<b>Location and Land Use Info</b>				
2000 N Northlake Way, Seattle, King County, 98103			Responsible unit – NWRO	
Parcel SHARPen it			Land use – Recreational	
<b>Source/source area description</b>				
In 1907 on the area surrounding the northern portion of Lake Union, construction of a manufactured gas plant was completed on the upland area of the Gas Works Park site to supply fuel for the growing population of Seattle. The plant operated until 1956. Other industries (e.g., tar refining, bulk fuel storage, shipbuilding) also historically operated in the upland area.				
<b>Local demographics comments</b>				
The census tract identifies 0 of 10 EJScreen demographics indicators greater than the 80th percentile for Washington. The Environmental Health Disparities score is 5. The EJFlag criterion is not met.				
<b>Soil comments</b>				
Most of the upland portion of the AOI has been remediated through a variety of previous cleanup actions described in the RI/FS. A human health risk assessment was conducted in the RI for areas of the upland (including shoreline banks) that remain uncapped and cPAHs were identified as the primary contaminants of concern (COCs). This area contributes to unacceptable human health risks for cPAHs in the upland portion of the AOI and is a potential source of contamination to sediment via erosion. The majority of the				
<b>Groundwater comments</b>				
Other than arsenic, upland groundwater contaminants have been addressed by the cleanup actions associated with the 1999 Consent Decree.				
<b>Surface water comments</b>				
Several threatened species of fish may occasionally be present near the Site.				
<b>Sediment comments</b>				
Contaminants present in the Sediment Unit due to former site-related industrial operations include polycyclic aromatic hydrocarbons, arsenic, nickel, carbazole and dibenzofuran.				
<b>Indoor air comments</b>				
A risk evaluation was performed to assess potential risks associated with the inhalation of indoor and outdoor air pathways. The evaluation concluded that risks associated with the inhalation pathway complied with MTCA requirements. Note that additional sub-slab vapor and indoor air sampling will be performed as part of the Pre-Remedial Design Investigation (planned for summer 2024) to confirm the findings in the RI.				
<b>Additional factors comments</b>				
Contaminants present in the Sediment Unit due to former site-related industrial operations include polycyclic aromatic hydrocarbons, arsenic, nickel, carbazole and dibenzofurans. The site is on Lake Union, but the level of Lake Union is controlled by the Army Core at the Ballard Locks, so the site will likely not be impacted by sea level rise.				
<b>Site narrative summary</b>				
These past industrial activities resulted in contamination of soil, groundwater and sediment. Contamination in the upland area has been largely addressed through multiple cleanup actions completed between 1971 and 2020. Contaminants present in the Sediment Unit due to former site-related industrial operations include polycyclic aromatic hydrocarbons, arsenic, nickel, carbazole and dibenzofuran.				

# Gas Works Park

05/09/2024

SHARP First Ranking

High SHARP Rating

# SHARP Report — Part 2 of 2

Conceptual site model



## Ranking scores by environmental medium

