Phillips 66 Renton Terminal

SHARP Report — Part 1 of 2

Go to cleanup history

• SHARP first assessment	v2024.04.21	Ecology Info	
• SHARP rating	Low	ERTS	na
• SHARP date	4/22/2024	CSID	29
• EJFlagged?	✔ – No Override	FSID	2070
• LD confidence level	low	VCP	NW1259
• Cleanup milestone	cleanup implementation	UST ID	na
• Assessor	Vance Atkins	LUST ID	na

This section is blank if this is the first SHARP

Assessment Media	Scores	Confidence	Additional Factors	
Indoor air	C2	medium	multiple chemical types	⃠
Groundwater	C3	high	risk to off-site people	⃠
Surface water	D4	high	climate change impacts	✔
Sediment	D4	high	plant/animal tissue data	⃠
Soil	SHARP it	high		

Location and land use info

2423 Lind Ave SW, Renton, King County, 98057

Parcel(s)	3023059086, 3023059084
Responsible unit	NWRO
Land use	industrial

Sources reviewed

2024, 4th Quarter 2023 GWM & O&M Report, GHD

2023, 3rd Quarter 2023 GWM & O&M Report, GHD

2015, FCAP, Ecology

Phillips 66 Renton Terminal

Primary census tract	Associated census tracts
53033026200	SHARP it

Local demographics comments

Go to top

no comments

Source/source area description

Go to top

Site is a bulk fuel storage and distribution facility, with tank farm and loading rack for tanker trucks. Facility began operation in 1968. Four separate petroleum releases were documented: a release near the loading racks in 1986, with two additional suspected releases in the rack vicinity in 1990 and 1991, and a release from a Site AST in 2002. Initial interim actionsat the loading rack area included groundwater recovery via two recovery trenches in 1987. The 2002 AST release was initially managed as a VCP remediation by groundwater and product extraction from wells via tanker trucks and operation of a dual phase exctration system. The two release areas were combined into a single Site via Agreed Order (DE 722) in 2010.

Soil comments

Go to top

Soil contamination was delineated around the loading rack release areas during RI/FS process, and present through smear zone to approx 17 feet bgs. Treatment by soil vapor extraction system.

Phillips 66 Renton Terminal

Groundwater comments

Go to top

Groundwater flow westerly, affected by operation of extranction system. Residual DNAPL present in three wells near loading rack release area. Recovery by pumping to the DPE remediation system. Groundwater exceedances have been generally delineated and monitored on semi-annual basis. Highest concentrations in loading rack area and south towards tank containment.

Surface water comments

Go to top

no comments

Sediment comments

Go to top

no comments

Indoor air comments

Go to top

Documented soil/GW exceedances are generally >30 feet from occupied site building. Soil vapor managed by DPE remedial system.

Additional factors comments

Go to top

TCP maps shows Site to be within area succeptible to flooding from high tide/100 year storm event.

Phillips 66 Renton Terminal

Site contamination and cleanup history

Go to top

Site managed under Agreed Order (DE 11313) signed in 2015. Remedial actions included installation and operation of dual-phase extraction system, operated between May 2016 and October 2016. DPE system modified in 2017-17 and has been in operation since then. DPE extracts groundwater, LNAPL. and soil vapor for on-site treatment and separation. Modifications to the system have included installation of skimmer pumps and total fluids recovery pumps in selected wells to enhance product recovery and groundwater remediation. Pumped groundwater is treated via na oil water separator and carbon vessels prior to discharge to sanitary sewer under permit. Soil vapor is treated by a thermal oxidizer. Groundwater product gaging is completed quarterly, and groundwater sampling completed on a semi- annual basis.

Overflow - Site contamination and cleanup history

Go to top

No overflow

Phillips 66 Renton Terminal

04/22/2024

SHARP First Assessment

Low SHARP Rating

SHARP Report — Part 2 of 2

Conceptual site model

SHARP