SEATTLE GREEN INFRASTRUCTURE INNOVATION

CASE STUDY SERIES



Terminal 117

2016

8700 Dallas Ave S, Seattle, WA 98108

PERFORMANCE SNAPSHOT

- Removed 28,300 tons of soil to address onsite PCB-contamination
- Installed 9 rain gardens, 4 Filterra[®] tree boxes to improve stormwater quality, and planted 138 trees, along with other plantings
- Installed 1500 feet of new underground drainage piping and 2200 feet of new sidewalk

GREEN INFRASTRUCTURE TECHNOLOGY TYPES







INNOVATION HIGHLIGHTS



As part of the Early Action Area within the Lower Duwamish Waterway Superfund site, the T117 project team removed upland soil and river sediment from this former asphalt-shingle manufacturing facility site to reduce PCBs and other contaminants to protect the river environment and reduce health risks to people.



Engagement

Demonstrating how a pollutant cleanup operation can be an opportunity to incorporate green stormwater facilities and other environmental improvements such as community art installations, Terminal 117 exemplifies how GSI can become a multifunctional asset for the environment and the community.



New educational signs were installed along a non-motorized pathway and on 17th Ave, explaining how rain gardens and Filterra tree boxes function and how they improve water quality in South Park neighborhood.

Educational





PROJECT DETAILS

IMPERVIOUS SURFACE MANAGED	2.92 acres
DRIVER	EPA Regulatory Requirements (CERCLA)
OWNER	Seattle Public Utilities
FUNDER	Seattle Public Utilities (Drainage Improvements)
GREEN INFRASTRUCTURE COST	(not broken out)
PROJECT TEAM	Port of Seattle, City of Seattle, EPA, Ecol- ogy, Lower Duwamish Waterway Group, Duwamish River Cleanup Coalition
MAINTAINED BY	City of Seattle, construction contractor IMCO, and adjacent residents

MORE INFORMATION

http://t117.com/

