ST Services NuStar Energy LP Site Cleanup

5420 NW Fruit Valley Rd, Vancouver

Cleanup Plan Documents Available for Public Comment

Facility Site ID: 61862781 Cleanup Site ID: 568

Comments accepted

February 9 – March 10, 2023

Submit comments online

https://tcp.ecology.commentinput.com/?id=sCWet

Or by mail or email

Andrew Smith, Site Manager
WA State Department of Ecology
PO Box 47775
Olympia, WA 98504-7775
Andrew.Smith@ecy.wa.gov

Printed document review

Vancouver Community Library
901 C Street
Vancouver, WA 98660

Ecology Lacey Office by appointment
300 Desmond Drive SE
Lacey, WA 98503
PublicDisclosureSWRO@ecy.wa.gov
or 360-407-6365

Site information

https://apps.ecology.wa.gov/cleanupsearch/site/568

Cleanup plans available for public comment

The Washington Department of Ecology (Ecology) is entering into a legal agreement called Agreed Order (AO) DE 19602. The agreement is between Ecology and NuStar Terminals Operations Partnership L.P. (NuStar) to clean up contamination at the ST Services NuStar Energy LP Site (Site). NuStar is the potentially liable person (PLP) responsible for cleanup at the Site.

Ecology invites you to review and comment on the following documents.

Remedial Investigation (RI) Report

The RI describes the contamination and where it is located.

Supplemental Remedial Investigation and Feasibility Study (RI/FS)

The Supplemental RI/FS further delineates where contamination resides. This report also compares choices for how to clean up the contamination.

Draft Cleanup Action Plan (dCAP)

The dCAP describes Ecology's plan for cleaning up the contamination.

Draft Agreed Order DE 19602 (AO)

The draft AO is a legal agreement requiring NuStar to implement and maintain the cleanup described in the Cleanup Action Plan.

State Environmental Policy Act Determination of Non-Significance (SEPA DNS)

The SEPA DNS describes Ecology's decision that cleanup activities are not likely to harm the environment.

All the documents are available electronically at Ecology's Site webpage https://apps.ecology.wa.gov/cleanupsearch/site/568

To review print documents, options are listed in the blue box on the left. Please check to confirm when the Fort Vancouver Library is open for walk-in service. Documents are also available at our Southwest Regional Office in Lacey by appointment only.

Comments can be submitted online, by email, or by US Mail during the comment period from February 9 – March 10, 2023.

Ecology will consider comments. If there are no changes, Ecology will finalize the cleanup documents and sign the AO. NuStar will do the cleanup work.

Background

The Site is located at the 5400 block on the west side of NW Fruit Valley Road. NuStar owns the property. The property is a tank farm with seven large aboveground storage tanks used to store petroleum products. In 2003, NuStar acquired the tank farm from Cenex Harvest States Cooperatives.

In 2001, Ecology learned about a gasoline spill, apparently due to equipment failure at an underground storage tank. Investigations showed that gasoline, diesel, naphthalene and BTEX (benzene, toluene, ethylbenzene and xylenes) contaminated soil and groundwater that needs to be addressed under the state's cleanup law, the Model Toxics Control Act (MTCA). Contamination needs to be cleaned up in three areas at the Site (Figure 1).

- The truck loading area in the east portion of the Site
- The vapor recovery system in the central portion of the Site
- Beneath the large aboveground storage tanks in the west portion of the Site

Contamination and possible pathways of exposure

Groundwater: At the Site, groundwater is generally between 14 and 32 feet below the ground surface. The area of contamination in the groundwater is called a plume. The groundwater plume is generally confined to three areas in the central portion and western portion of the site. Clark Public Utilities (CPU) is developing a drinking water supply well located approximately 1,000 feet north of the Site that will supply water to the area. This supply well is anticipated to be online as early as 2023. The proposed remedy is anticipated to contain and treat the plumes and prevent them from migrating toward the CPU drinking water supply well.

Vapor intrusion: Vapor intrusion is not a concern at the Site because there are no structures in the vicinity of the contamination. Vapor intrusion is not anticipated to be a pathway since the site is currently developed as a tank farm with existing aboveground storage tanks and an associated piping system. There are no structures on site where vapors could be a pathway to impact human health.

Soil: Petroleum contamination extends from 6 to 12 feet below ground near the truck loading area and from 4 to 21 feet below ground near the aboveground storage tanks.

Previous cleanup actions

In 2002, the Site's Vapor Recovery Unit and associated underground storage tank were removed and decommissioned. Approximately 328 tons of petroleum contaminated soil was removed from the underground storage tank excavation and disposed of offsite.

Proposed plan for cleanup

Ecology's proposed cleanup plan is described in the draft Cleanup Action Plan. The plan describes these actions:

- Remove contaminated soil to a depth of approximately 12 feet to reduce the source of petroleum in soil that contaminates groundwater.

- Install and operate a groundwater extraction, treatment, and recirculation system near the North and West MTCA site areas (see Figure 1) to reduce contaminant concentrations in groundwater.

- Inject liquid micron-scale carbon adsorbents and biostimulants to enhance containment and biodegradation and to reduce contaminant concentrations in the groundwater of the central MTCA site area.

- Create a soil management plan and monitor the natural attenuation of contaminated soil in the vicinity of the truck loading area. Natural attenuation is the biological activity of microbes in the soil that break down petroleum over time to components that are not hazardous.

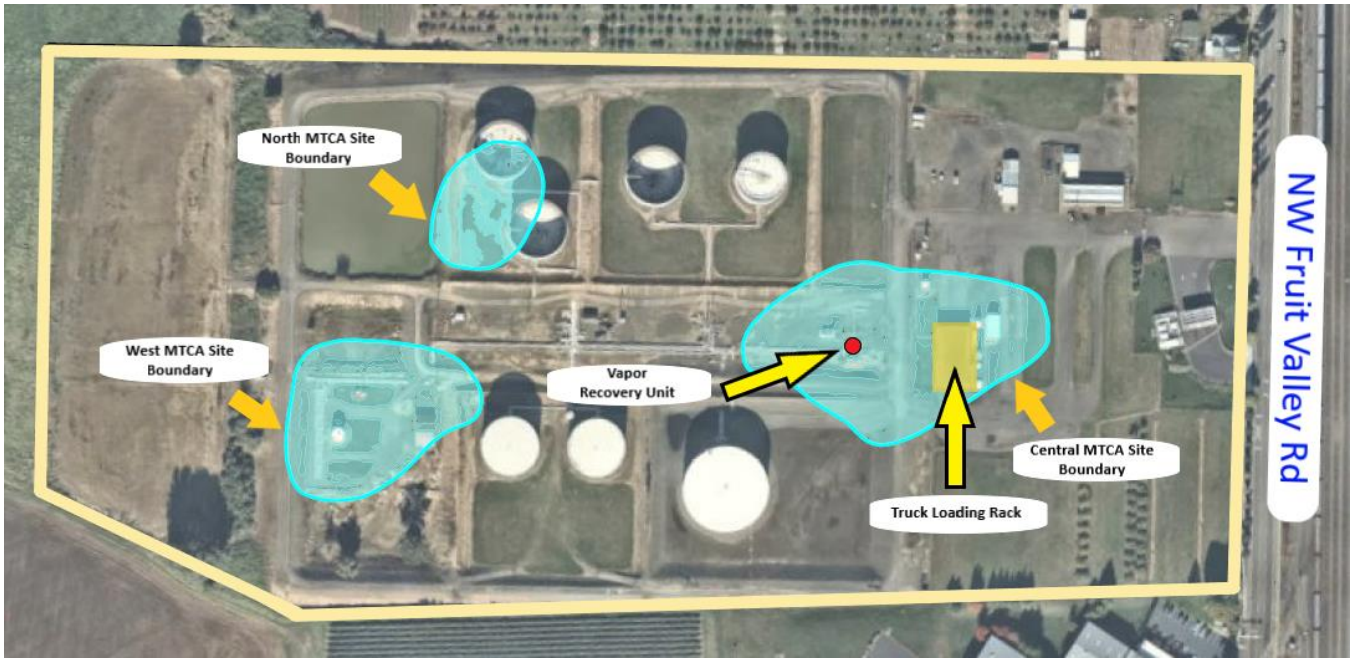

Figure 1. The yellow line marks the boundary of the ST Services NuStar Energy LP property. The blue areas indicate the MTCA Site boundaries. The orange rectangle in the central MTCA Site boundary area indicates the truck loading rack area. The red dot is the location of the Vapor Recovery Unit.

After the cleanup actions are completed, NuStar will file an environmental covenant with the county. The covenant may install institutional controls to prevent activities that may compromise the cleanup. While the covenant is in place, Ecology will review conditions at the Site every five years in a periodic review that will be available for public comment.

Toxics Cleanup Program
PO Box 47775
Olympia, WA 98504-7775

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5420 NW Fruit Valley Rd, Vancouver

Public comment period February 9 – March 10, 2023

Why did I receive this mailing? You live near the ST Services NuStar Energy LP Site or have expressed interest in the cleanup. This fact sheet informs you about the proposed work and the opportunity for public comment.

What can I do? Please review the Site documents and submit your comment, question, and concerns.

¿Habla Español? Unáse al diálogo sobre ST Services NuStar Energy LP Site. Cuando el período de comentarios termine, revisaremos los comentarios y haremos cambios antes de finalizar los documentos. Para más información en espanol llame al 360-485-5340 y solicite un intérprete.

ADA accessibility. To request an ADA accommodation, contact Ecology by phone at 360-485-5340 or email at matt.fuller@ecy.wa.gov, or visit ecology.wa.gov/Accessibility. For Relay Service or TTY call 711 or 877-833-6341.