

April 12, 2024

Oregon Department of Environmental Quality (DEQ)
700 NE Multnomah Street, Suite 600
Portland, Oregon 97232

Attention: Kenneth Thiessen, RG, CEG

Subject: Voluntary Agreements Progress Report—First Quarter 2024
Shore Terminals LLC Portland Facility
Portland, Oregon
ECSI No. 5130—Shore Terminals
File No. 19001-010-16

This letter presents the quarterly progress report for the Shore Terminals LLC (Shore Terminals) Portland Facility located at 9420 NW St. Helens Road in Portland, Oregon (the Facility). This letter is submitted in accordance with the Voluntary Agreement for Source Control Measures No. LQVC NWR-08-14 and the former ExxonMobil Voluntary Cleanup Agreement No. ECVC NWR 01-15 (Voluntary Cleanup Agreements). Shore Terminals began performing actions under these agreements on October 13, 2009 and December 22, 2011 (when NuStar assumed responsibility for implementation of the ExxonMobil Voluntary Cleanup Agreement), respectively. This progress report includes the following for the first quarter 2024:

- Actions performed under the Voluntary Cleanup Program (VCP) Agreements;
- Actions scheduled for the next quarter;
- Data generated; and
- Problems experienced and resolution.

First Quarter 2024 Actions Performed under the VCP Agreements

- Gauged monitoring wells AC-6, KMW17, KMW32, W-15, AC-8, AC-9, AC-10, and KMW13 on a monthly basis for the potential presence of separate-phase petroleum hydrocarbons (SPH).
- Abandoned wells KMW37, DPW-18, AS-22, AS-23, W-14.5, and W-15 in January 2024 ahead of the Facility commencing with a construction project to replace and reroute product piping from the P-2 dock.
- Submitted the *Fourth Quarter 2023 Progress Report* to DEQ on January 19, 2024.

- Conducted the first semi-annual groundwater monitoring event of 2024 from February 26 to March 1, 2024.
- Conducted virtual meetings with DEQ to discuss ongoing source control activities at the Facility and to address data gaps identified by DEQ as it works to prepare a Source Control Decision (SCD) for the Facility.

Actions Scheduled for the Next Quarter

- Gauge liquid levels in monitoring wells AC-6, KMW17, KMW32, AC-8, AC-9, and AC-10 on a monthly basis to evaluate for the potential presence of SPH.
- Install a monitoring well to replace KMW37 following completion of the P-2 dock piping reroute project construction project. Shore Terminals will coordinate with DEQ for concurrence that the proposed well location and screened interval is suitable for the ongoing groundwater monitoring program. The new well will be developed and sampled, and the results will be included in the *First Semi-Annual 2024 Groundwater Monitoring Report*, which will be submitted in August 2024.
- Continue to work with DEQ to address data gaps necessary for DEQ to issue the SCD for the Facility.

Sampling, Test Results, and Any Other Data Generated by Shore Terminals During the First Quarter 2024

- Monthly SPH gauging data were collected during the reporting period. Measurable SPH were observed and SPH recovery was conducted in wells AC-6, AC-9, AC-10, and KMW17 during one or more of the gauging events. These data will be provided in the *First Semi-Annual 2024 Groundwater Monitoring Report*, which will be submitted in August 2024.
- Data generated from the first semi-annual groundwater monitoring event of 2024 included analysis results from gauging and sampling 42 site monitoring wells and will be reported in the *First Semi-Annual 2024 Groundwater Monitoring Report*, which will be submitted in August 2024.

Problems Experienced and Resolution

No problems were experienced during the monitoring period.

If you have any questions regarding this progress report, please do not hesitate to contact me at 503.506.8481.

Sincerely,

GeoEngineers, Inc.

A handwritten signature in blue ink that reads "Ian Maguire". The signature is written in a cursive, flowing style.

Ian Maguire, PE
Senior Environmental Engineer I

IM:jm

cc: Victoria Wark, NuStar Energy L.P. (electronic deliverable)
Ryan Groesbeck, Shore Terminals LLC (electronic deliverable)
Stephan Rosen, NuStar Energy L.P. (electronic deliverable)
Amanda Spencer, GeoEngineers, Inc. (electronic deliverable)

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