

January 15, 2019



Mr. John Mefford, L.G.
Washington State Department of Ecology
Toxics Cleanup Program / Central Regional Office
1250 W. Alder Street
Union Gap, WA 98903

Subject: **Quarterly Progress Report – 4th Quarter 2018**
Chelan Chevron
232 East Woodin Avenue
Chelan, Washington

Dear Mr. Mefford:

On behalf of Chevron Environmental Management Company (Chevron), Leidos, Inc. (Leidos) is providing this Quarterly Progress Report to document activities performed by, or on behalf of, Chevron to satisfy the requirements of Agreed Order No. DE 10629, which was entered into by Chevron and the Washington State Department of Ecology (Ecology) in June 2014 for the Chelan Chevron site (the Site) in Chelan, Washington. This Progress Report covers the reporting period between October 1 and December 31, 2018.

ACTIVITIES COMPLETED DURING THE CURRENT REPORTING PERIOD:

- Between October 23 and November 17, 2018, Leidos conducted soil boring and sampling, and monitoring/recovery well installation activities described in the work plan for Supplemental Remedial Investigation (SRI) Phase 4, dated October 22, 2018. During this phase of field activities, the following work was performed:
 - The presence of undocumented underground storage tanks (USTs) was confirmed beneath the sidewalk to the south of the property located at 141 East Woodin Avenue.
 - A geophysical survey was performed to investigate the potential for additional undocumented USTs in the vicinity of the properties at 221 and 229 East Woodin Avenue, which formerly operated as fueling stations. Results of this survey indicate the potential presence of three or more

- undocumented USTs in the southern portion of the property at 221 East Woodin Avenue.
- Ten shallow soil borings were advanced to depths of approximately 8 feet below ground surface using a combination of air-knife and hand-auger methods to evaluate the potential of shallow soil contamination in the vicinity of known and suspected undocumented USTs near 141 and 221 East Woodin Avenue.
- Fifteen deeper soil borings were completed using sonic-drilling technology, ten of which were completed as monitoring or recovery wells.
- Gettler-Ryan completed the fourth quarter 2018 groundwater monitoring event on December 4, 2018. This was a monitoring-only event, which included no collection of groundwater samples. Results of this event will be presented in a future report summarizing groundwater monitoring events completed in 2018.

ACTIVITIES ANTICIPATED FOR THE NEXT REPORTING PERIOD:

- Leidos is currently working to prepare a report to summarize the SRI Phase 4 field activities completed in October and November 2018.
- Leidos will prepare a report summarizing the results of annual groundwater monitoring conducted in 2018.
- Leidos will complete upload of all 2018 groundwater monitoring data and SRI Phase 4 soil sampling data to the Ecology EIM database.
- Leidos will complete the follow-up round of LNAPL transmissivity testing proposed by the SRI Phase 3 work plan, and complete development of all new monitoring and recovery wells installed during the October/November 2018 SRI Phase 4 field event.
- Leidos will coordinate professional surveying of all new monitoring and recovery wells at the Site, and necessary maintenance/repairs of the existing monitoring well network.
- Gettler-Ryan is scheduled to conduct the first quarter 2019 groundwater monitoring event in March. This event will include collection of groundwater samples from the previously existing monitoring well network, as well as all new monitoring and recovery wells.

If you have any questions or comments regarding the information presented in this report, please contact me at (425) 482-3323 or via email at russell.s.shropshire@leidos.com.

Sincerely,

Leidos, Inc.



Russell S. Shropshire, PE
Principal Engineer

cc: Chris Wend – Ecology
Eric Hetrick – Chevron
Project File