



April 12<sup>th</sup>, 2018

**Via Email**

Mr. Christer Loftenius - Hydrogeologist  
Toxics Cleanup Program  
State of Washington, Department of Ecology  
Eastern Regional Office  
4601 North Monroe Street  
Spokane, WA 99205-1296

Re: Proposed New Groundwater Monitoring Well/Soil Boring Locations for the **Addendum to Supplemental Remedial Investigation Feasibility Study**. Andeavor - Tesoro Logistics (Former Chevron) Pasco Bulk Fuel Terminal, 2900 Sacajawea Park Road, Pasco, Washington 99301.  
Ecology Facility Site ID: 55763995; Cleanup Site ID: 4867

Dear Mr. Loftenius:

Thank you for meeting with us last month at the Andeavor – Tesoro (Former Chevron) Pasco Bulk Fuel Terminal. In accordance with our discussions and your suggestions at that meeting, attached is a Site Map showing two minor changes for proposed groundwater monitoring well/soil boring locations.

The first minor change is to move one of the soil borings at the eastern corner of the site, not far from the Snake River. As discussed, we will attempt to place one of the borings with a strong potential for conversion to a groundwater monitoring well, inside the facility fence. While using a smaller drill rig should allow us to install this boring, the boring will be located as close to this location as utilities and above-ground site structures allow. As you mentioned at the meeting, should we be able to convert this boring to a groundwater well, it can specifically provide an additional site assessment data point for Total Petroleum Hydrocarbons reported as Diesel (TPH<sub>d</sub>) dissolved in groundwater.

The second minor change is to add a soil boring near the “Area of Concern” designated as GASOLINE AREA 1. Our first drilling equipment mobilization will include abandonment of recovery well RW-1 and monitoring well MW-1, and we plan on using a smaller drill rig to advance borings at the eastern edge of the site, as well as two borings (9 and 11) in GASOLINE AREA 1. Borings 9 and 11 will likely not encounter groundwater because of limitations of the

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smaller drill rig. However, these two borings may be ideal for shallower vapor-extraction wells. In the event that the small drill rig can reach groundwater, we will attempt to convert one of these borings to a groundwater monitoring well. In the event that the smaller drill rig only installs the shallower vapor-extraction wells, we will add a deeper boring/well in the location shown on the attached Site Map, to be installed with a larger sonic drill rig. This groundwater monitoring well can also provide an additional site assessment data point.

Although we would like to perform this work at the end of May or in early June, we will wait to perform this work until we have heard from you with official approval to abandon two wells and advance soil borings as described in the ADDENDUM TO SUPPLEMENTAL REMEDIAL INVESTIGATION FEASIBILITY STUDY (December 10<sup>th</sup>, 2017), and the minor boring location changes described in this letter.

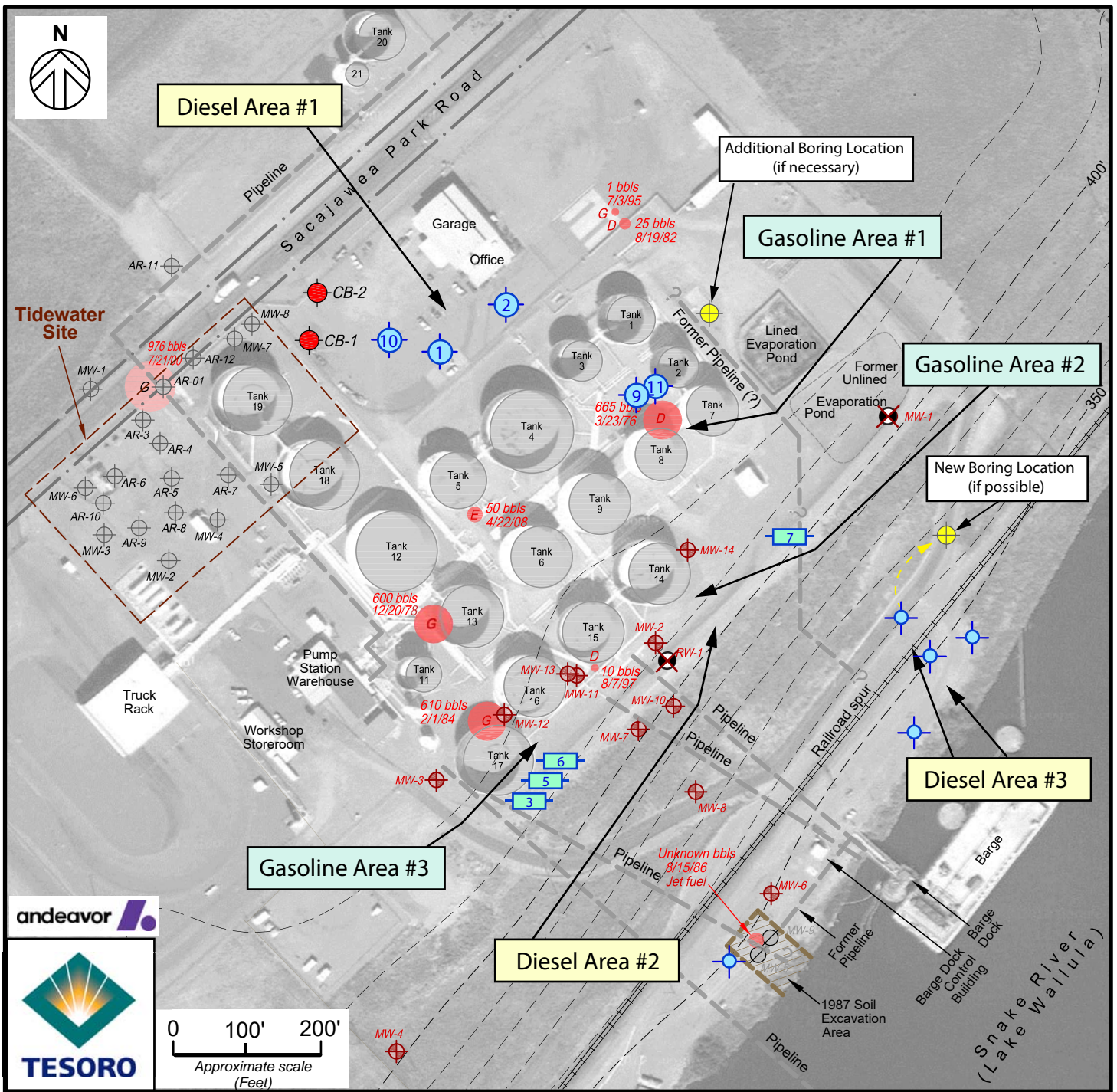
Please feel free to call us at (650) 827-7474 if you have any questions. We will be in touch shortly to discuss the status of this site further.

Sincerely,  
CEECON Testing, Inc.

A handwritten signature in blue ink, appearing to read "Michael Hodges".

Michael Hodges  
President

cc: Ms. Anastasia E. Duarte, RS – Andeavor – Andeavor Companies, Inc.  
Brent Pierce, Dan Andersen, Tesoro Logistics LLC (Pasco)  
Ms. Nicky Moody, Environmental Project Manager - Portland, AECOM



**EXPLANATION**

- Tesoro well
- Tidewater well
- Former well
- Tesoro boring (6/15)
- Wells proposed for abandonment
- Proposed upland area well
- Proposed shoreline area boring
- Proposed horizontal well location
- Ground-water flow direction inferred from historical conditions (nearly flat gradient)
- Ground-water flow direction near Snake River
- Ground-water elevation contour (feet MSL) (dashed where inferred)

Number of barrels spilled (circle relative to size of spill) - Previous spill - Fuel spilled  
 (e.g., 610 bbls 2/1/84 G)



**REVISED RI LOCATIONS**  
 Tesoro Pasco Fuel Terminal Site  
 Pasco, Washington

**FIGURE 14**

**OCT 2017**