



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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April 30, 2012

Mr. Gary Barklind
Shell Oil Products, US
Puget Sound Refinery
P.O. Box 622
Anacortes, WA 98221

Re: MTCA 10 Site – Proposed Modifications to Groundwater Sampling Plan

Dear Mr. Barklind:

Ecology received your March 12, 2012 letter requesting modification of the MTCA 10 site (formerly SWMU 10) groundwater monitoring plan (RCRA Facility Permit Number WAD 009276197). MTCA 10 site was used as an impounding basin and has free petroleum product found in the groundwater beneath the unit. Shell has been recovering the petroleum from the groundwater aquifer beneath the unit for over 20 years. The monitoring wells surrounding the unit have had a decrease in petroleum constituents. Many of the wells do not contain petroleum products above regulatory limits. Shell has requested to reduce the groundwater monitoring requirement. If approved the new monitoring schedule would go into effect in 2012.

Ecology has reviewed the last three years of data and well records. Shell has proposed to:

1. Reduce the number of wells monitored at the site. Shell will discontinue monitoring at the following monitoring wells: MW 53, MW 58, MW 101, MW 102, MW 105, MW 106, MW 108, MW 109, and MW 110.
2. Groundwater samples will be collected and analyzed on a semi-annual schedule from monitoring wells MW 54, MW 55, MW 56, MW 102, MW 107, and MW 111. Groundwater samples will continue to be analyzed for gasoline range total hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylenes (BTEX).
3. Free product will be monitored in monitoring well MW 104.
4. Monitoring wells MW 115 and MW 116 will be used as groundwater recovery wells for free product and the pumps will be maintained as required.
5. An annual report will be prepared and submitted to Ecology each year describing the recovery system and monitoring well results.



Ecology has reviewed the data submitted and approves the changes in the MTCA 10. Site monitoring plan as submitted. If you have any questions regarding this approval please contact me in Lacey, WA (360) 407-6949 or p.skyllingstad@ecy.wa.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Paul Skillingstad". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Paul Skillingstad
Industrial Section

PES:mw