

Department Decision Recommendation

RE: Abandoned Tanks FIS # 8338 7451 UST ID # 10673

Site: Former Teapot Dome Historical Site City: Yakima Valley Highway near Zillah, WA
County: Yakima

In keeping with the requirement of WAC 173-340-310 (5) I recommend this Site received a No Further Action determination at this time. A release or threatened release of a hazardous substance has occurred, but in the department's judgment, does not pose a threat to human health or the environment.

Supporting Criteria: In September 2012, three underground storage tanks (USTs), a fuel dispenser and underlying product lines were removed from the Former Teapot Dome Site. The only indication of a release in the UST bed was the presence of petroleum-impacted soil near the fill port of the center UST. The soil exhibited a faint hydrocarbon odor and had a photo-ionization detector (PID) reading of 8 parts per million (ppm). The only other indication of a release was located in the soils beneath the former dispenser, which exhibited a petroleum odor and PID measurements up to 20 ppm. Obviously impacted soils were removed from both areas, and confirmation soil samples were collected and analyzed. Confirmation soil samples were also taken from the bottom and sidewalls of the excavated tank bed, as well as in areas where the fuel lines were located. Of the samples collected, TPH as diesel was detected in two samples at concentrations of 67mg/kg and 420 mg/kg; both of which are well below 2,000 mg/kg, the Model Toxics Control Act (MTCA) Method A Cleanup Levels for diesel. No contamination was detected in any of the stockpile samples collected. The stockpile and additional clean materials were used as backfill for the excavation. All USTs, the dispenser and fuel lines were removed from the site.

This Department Decision Recommendation should be reviewed and re-evaluated based on any new information about this site.

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Print and sign name(s)

Date January 3, 2013

Valerie Bound 4-3-13
Section Manager