

Appendix O

Deviations from Work Plan

Work Plan Deviations

Heglar Kronquist Landfill, Mead, Washington

Date of Ecology Approval	Topic	Field Change
May 3, 2010	Lithologic Borehole Locations	Added second borehole location (BH-13) southeast of original location (BH-8).
May 4, 2010	Geophysical Logging	Geophysical logging will not be conducted. Conditions are not amenable to open hole drilling.
May 4, 2010	Borehole Abandonment	Boreholes will be abandoned using the casing as a tremie pipe rather than introducing a tremie pipe into the borehole.
May 4, 2010	Equipment Blanks, Lithologic Boreholes, Groundwater Sampling	Equipment blanks will not be collected everyday. Collection frequency reduced to one per week or when elevated chlorides are measured in the field (test kit).
May 5, 2010	Lithologic Borehole Locations	Encountered bedrock (basalt) at BH-8 at ~24 feet; moved ~10 feet north to verify presence of bedrock encountered at ~27 feet (both boreholes dry). Total depths of 34 feet and 35 feet, respectively.
May 5, 2010	Private Well Samples	Agreed to collect water sample from private well located west of the intersection of E Heglar and E Kronquist Roads.
May 11, 2010 (date drilled) and earlier	Lithologic Borehole Locations	Drilled BH-4 on east side of Kronquist Road (had changed to west side of road with Ecology approval following utility locate).
May 11, 2010	Lithologic Borehole Locations	Moved BH-1 from Heglar Road (northernmost location) to a location southwest of BH-10.
May 11, 2010	Lithologic Borehole Locations	Moved BH-2 to a location near 3bcd-3.
May 13, 2010	Lithologic Borehole Locations	Added new location, BH-15, between BH-4 and BH-10.
May 13, 2010	Private Well Samples	Added private well sample from concrete cistern (4aad).
May 13, 2010	Lithologic Borehole Locations	Moved BH-7 from north side of house to east side of house along eastern property boundary.
May 17, 2010	Field Blank, Surface Water Sampling	One (1) field blank will be collected for entire surface water program rather than one per day.
prior to May 17, 2010	Surface Water Locations	SW-7 location dry. Moved location to tributary to Peone Creek east of intersection of Moffatt Road and Burnett Road.
May 19, 2010	Dross Borehole Locations	Encountered metal in D-3 and drilled a new (second) D-4 location approx 25 feet south and 15 feet west of D-3.
May 19, 2010	Dross Borehole Locations	Agreed to move D-2 to location east of D-1 per Ecology's request.
May 25, 2010	PCB Samples, Gas Vents	Air samples from two gas vents with highest screening results will not be analyzed for PCBs. An evaluation of PCB results for the dross sample and the dross borehole air sample will be completed to determine if PCB analyses would be beneficial for these gas vents.
September 14, 2010	Monitor Well Locations	Moved MW-6 to area southwest of planned location.
September 15, 2010	Monitor Well Locations	Moved MW-2 to area north-northwest of planned location, which was dry.
September 21, 2010	Monitor Well Locations	Moved MW-5 to area northeast of planned location.