



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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March 2, 2015

Anne Holms
King County Solid Waste Division
King Street Center
201 South Jackson Street, Suite 701
Seattle, WA 98104-3855

Re: Vashon Island Landfill Work Plan

Dear Ms. Holms:

Based on the Vashon Island Landfill Work Plan submitted in February 2015 and email from Aspect Consulting, the Department of Ecology (Ecology) approves the Work Plan with the few comments listed below. The Solid Waste Program discussed the Work Plan for Vashon Island Landfill with the Water Resources Program inspector, Noel Philip, to assure that Well Drilling Regulations WAC 173 -160 is implemented during well decommissioning and drilling.

Comments for the Vashon Island Landfill Work Plan:

1. The work plan was discussed with DNR staff during the meeting on February 12, 2015. Ecology suggested the sequence of drilling will be as follows: MW-33 will be drilled first, then MW-5D replacement will be drilled. Next MW-34 will be installed. If the recovery of the pump in the well MW-14 is not successful, a replacement well will need to be drilled, new well MW-36.
2. During installation of MW-33, if unit Cc1 is encountered and groundwater is present, it should be sampled for field parameters to identify leachate impact.
3. According to the Work Plan, decommissioning of the well MW-5D will be completed prior installation of the new well MW-5. Ecology received the schedule for the drilling sequence on February 27, 2015 and the abandonment of wells has been scheduled after MW33 installation.



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4. Geophysical logging of wells - it is not clear at what time this work will be conducted. The schedule for geophysical investigations should have been included in the Work Plan.
5. Please notify Ecology two days prior beginning of the drilling of any new wells.
6. It would be very useful to photograph the core for each well for updating the hydrogeologic conceptual model.

If case an unusual event such as heaving of well or a change of location is caused by an obstacle during drilling, please notify Ecology the same day.

If you have any questions please call me at (425) 649-7051.

Sincerely,



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Waste 2 Resources Program
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cc: Yolanda Pon, Public Health – Seattle & King County
Peter Christiansen – Ecology Waste 2 Resources Program
Noel Philip – Ecology Water Resources Program