



STATE OF WASHINGTON
 DEPARTMENT OF ECOLOGY
 3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

September 18, 2007

Ms. Shirley J. Olinger, Acting Manager
 Office of River Protection
 United States Department of Energy
 P.O. Box 450, MSIN: H6-60
 Richland, Washington 99352

RECEIVED
 SEP 20 2007
EDMC

Re: 2007 Hanford Air Operating Permit (AOP) Inspection – Integrated Disposal Facility (IDF)

Dear Ms. Olinger:

This letter communicates the results of inspection of the Hanford Site Integrated Disposal Facility (IDF) conducted on February 28, 2007, by the Department of Ecology – Nuclear Waste Program. We apologize for taking so long to close out this inspection.

The IDF is a new low-level waste (LLW) and mixed LLW (MLLW) landfill located at the 200-E Area that supports Hanford Site environmental remediation activities. The facility currently consists of two disposal cells, Cell 1 and Cell 2, for the disposal of MLLW and LLW, respectively.

The IDF was granted a Notice of Construction Approval Order DE05NWP-004, and operated under Air Operating Permit conditions in ATT 1-70 through -72. The permit conditions are consistent with Washington Administrative Code (WAC) 173-400-040(5)(a) and 173-400-040(8)(a) for fugitive emission and dust controls.

The east cell (Cell 2) of the IDF has experienced soil loss from high wind erosion. The soil erosion is located on the exposed face of the operations layer on the north and east slopes of Cell 2. An Engineering Change Notice was approved in early 2007 to replace the operations layer material with crushed surfacing-base course (CSBC) material. Ecology-NWP decided to inspect the facility and discuss any corrective actions with the operating staff.

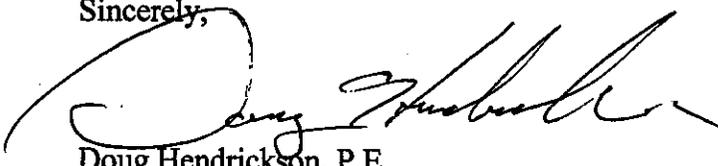
On February 28, 2007, at 1:00 p.m., Doug Hendrickson, Oliver Wang, Steve Lijek, and Bud Derrick of Ecology-Nuclear Waste Program visited the IDF. Stuart Mortensen, Dan Lucas, Larry Atkins, and John Guberski of CH2M HILL Hanford Group, Inc. met Ecology staff at the facility. Ecology staff inspected the eroded Cell 2 location in particular and observed the general condition of the IDF. The proposed CSBC material meets Section 9-03.9(3) of WSDOT, Standard Specification, M-41-10, on high wind areas.

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The proposed repair with CSBC material is consistent with the WAC 173-400-040(8)(a) standard for reasonable precautions to minimize fugitive dust. Ecology finds your proposed repair at IDF and its value in minimizing fugitive dust in compliance with this regulatory standard and your AOP condition. Please advise us upon completion of CSBC material so that we may conduct a follow-up inspection.

If you have any questions, please contact me at 509-372-7983.

Sincerely,



Doug Hendrickson, P.E.
Lead Air Engineer
Nuclear Waste Program

cc: Dennis Bowser, USDOE
Stuart Mortensen, CH2M
Mary Jarvis, USDOE
Phillip Miller, CH2M
John Guberski, CH2M
Stuart Harris, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YN
Susan Leckband, HAB
Ken Niles, ODOE
John Martell, Health
Administrative Record: AOP/Air Inspections
Environmental Portal

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