



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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TTY 711 or 800-833-6388 (For the Speech or Hearing Impaired)

April 5, 2005

Mr. Roy J. Schepens, Manager
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN: H6-60
Richland, Washington 99352-0450

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EDMC

Mr. Edward J. Aromi, Jr.
President & General Manager
CH2M Hill Hanford Group, Inc.
P.O. Box 1500, MSIN: H6-08
Richland, Washington 99352-1505

Dear Mr. Schepens and Mr. Aromi:

RE: Request for a Temporary Authorization to Proceed with Construction at the Integrated Disposal Facility

RE: Letter, 05-TPD-028 dated February 24, 2005, from Roy J. Schepens to Michael A. Wilson, "Modification of the Hanford Site Wide Permit to Provide Temporary Authorization for Construction Demonstration of the Admix Test Pads, and Installation of Two Resource Conservation and Recovery Act of 1976 Ground Water Monitoring Wells at the Integrated Disposal Facility"

I am issuing this Temporary Authorization (TA) to install admix test pads (ATP) and two Resource Conservation and Recovery Act (RCRA) groundwater monitoring wells and to perform an ATP demonstration at the Integrated Disposal Facility (IDF) site in the Hanford 200 East Area. The IDF is a landfill you proposed to be used to dispose of low level radioactive waste and mixed low level waste in the form of immobilized low activity waste from the Waste Treatment Plant (WTP) and vitrified tank waste from the Demonstration Bulk Vitrification System (DBVS).

Roy J. Schepens
Edward J. Aromi, Jr.
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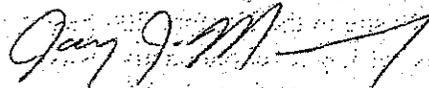
Washington State Department of Ecology (Ecology) staff reviewed your request for a TA and agree that it meets the requirements in Washington Administrative Code (WAC) 173-303-830(4)(e)(iii)(B)(I).

You and your contractors must comply with the following conditions:

- You must comply with the construction quality assurance requirements to construct test fills for compacted soil liners in WAC 173-303-335(3)(b) of the Washington Dangerous Waste Regulations.
- You must ensure that your admix liner meets the hydraulic conductivity requirements in WAC 173-303-665(2)(h)(i)(B) in the field.
- You must test the admix layer with materials that would not be designated as dangerous waste under WAC 173-303-070 Designation of Dangerous Waste upon Disposal.
- You are not authorized to install the remainder of the bottom compacted soil liner in the IDF.
- You must design and install the groundwater monitoring wells in the location that you described in your request and meet the standards in WAC 173-160 Minimum Standards for Construction and Maintenance of Wells.
- You and your contractors must construct, survey, and operate the wells as you described in your request. Any changes in design, construction, or operation will require prior Ecology review and approval.
- You must continue to implement the Mitigation Action Plan that you provided Ecology to replace shrub steppe habitat lost when you excavated the IDF and to protect species that are included in the Migratory Bird Treaty Act.
- You must provide Ecology a written report describing the ATP tests and the results for Ecology review.

If you have any questions about my approval of the TA, please contact Suzanne Dahl at (509) 372-7892.

Sincerely,



Jay J. Manning
Director

cc: see next page

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cc: Phil LaMont, USDOE
DelMar Noyes, USDOE
Jim Rasmussen, USDOE
Zack Smith, USDOE
Moses Jaraysi, CH2M
Greg Parsons, CH2M
Stuart Harris, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YIN
Todd Martin, HAB
Ken Niles, ODOE
Administrative Record: IDF Permitting ✓
Environmental Portal

[Faint, illegible handwritten notes]