

# START

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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

7601 W. Clearwater, Suite 102 • Kennewick, Washington 99336 • (509) 546-2990

November 9, 1992

Incoming:  
9207580

Mr. R.D. Izatt, Acting Director  
Environmental Restoration Division  
Department of Energy-Richland Operations  
P.O. Box 550  
Richland, WA 99352

Dear Mr. Izatt:

Re: Utilization of Municipal Sludge for Soil Amendment Code

This letter is in response to your October 29, 1992 request for approval for the U.S. Department of Energy-Richland Field Office (DOE-RL) to apply municipal sewage sludge on interim stabilized waste sites within the 200 West Area of the Hanford Site.

Washington State Department of Ecology (Ecology) agrees that the sites being considered (218-W-4A and 218-W-3 burial grounds) have undergone severe wind erosion and need an uncontaminated stabilizing layer restored. However, before approval can be granted, the following items must be addressed:

- the impact of future cleanup standards and contaminant levels versus the contaminant levels found in the Metro biosolids
- the implementation of a sampling plan to assure contaminants are below regulatory levels
- the public's interest in disposing of Western Washington sludge on Eastern Washington soil, and the possibility of obtaining sludge locally
- the appropriateness of a September to December window of application since chances are reduced for germination and survival of wheatgrass planted after October
- the process of rototilling versus discing for achieving a better mix of soil and sludge and a better seedbed for planting



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I believe the proposed project could prove to be very successful; however, the above items need to be discussed. Jerry Hensley, an Environmental Engineer in Ecology's Kennewick office, is available to discuss these concerns in more detail. He can be reached at (509) 546-2995.

If you have any further questions, I can be reached at (509) 546-2992. Thank you.

Sincerely,

*David Nylander for*

David Nylander  
Kennewick Manager  
Nuclear and Mixed Waste Management Program

DN:jh:wlc

cc: Allan Harris, DOE-RL  
David Smith, WHC  
Dave Jansen, Ecology  
G. Thomas Tebb, Ecology  
Moses Jaraysi, Ecology

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Author David Nylander, Ecology Addressee R. D. Izatt, RL Correspondence No. Incoming: 9207580

Subject: UTILIZATION OF MUNICIPAL SLUDGE FOR SOIL AMENDMENT CODE

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