



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950

711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

June 1, 2011

11-NWP-053

Mr. Robert Lober  
Office of River Protection  
United States Department of Energy  
P.O. Box 450, MSIN: H6-60  
Richland, Washington 99352

Re: Organic Analyses Optimization for Waste Management Area (WMA) C

Dear Mr. Lober:

This letter is in response to your letter regarding organic analyses optimization for WMA C. We strongly agree with the need to optimize and focus on the constituents of highest concern. The State of Washington Environmental Accreditation Department conducted an on-site visit to ATL 222-S Laboratory on April 13 and 14, 2011. A member of my staff accompanied this visit. The team was favorably impressed with the analytical and technical capability of the laboratory team, responsiveness of the staff, attention to detail, and focus on quality control issues. The team made a number of recommendations to the laboratory that can be utilized in achieving this optimization.

My staff has reviewed the analytical data, associated quality control, and supporting documentation. We agree with your proposal to eliminate sampling and analyses for the six methods defined in your letter, elimination of sulfide as an analyte, and retention of the three methods. We authorize you to implement these directions immediately and acknowledge that these requirements were used for the slant push at WMA tank C-104. We further strongly encourage that all parties begin to discuss areas of further optimization. These areas include:

- The inorganic and organic analyte list
- A greater utilization and reliance on electronic records
- A review of the data requirements and needs for this project

We feel that in evaluating the data needs, we can reduce the time and effort necessary to produce the data package that will support the requirements of M-045-81. We agree with the recommended changes for organic analyses and their incorporation into the work plan (RPP-PLAN-39114) and the sampling and analyses plan (RPP-PLAN-38777). We would like to begin discussions as soon as possible.

If you have any further questions or clarifications, please contact me at 509-372-7914.

Sincerely,

Jeffery J. Lyon  
Tank Waste Storage Project Manager  
Nuclear Waste Program

mb/dbm

cc: see next page



Mr. Robert Lober  
June 1, 2011  
Page 2

Reference: Letter 11-TPD-020, dated March 23, 2011, from T. W. Fletcher, USDOE-ORP, to Jeffrey Lyon, Ecology,  
*Organic Analyses Optimization for Waste Management Area (WMA) C*

cc: Dennis Faulk, EPA  
Stuart Harris, CTUIR  
Gabriel Bohnee, NPT  
Russell Jim, YN  
Susan Leckband, HAB  
Ken Niles, ODOE  
Administrative Record:  
Environmental Portal  
USDOE-ORP Correspondence Control  
WRPS Correspondence Control