



Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

DEC 29 2004



Mr. Steve Zappe, WIPP Project Leader
Hazardous Waste Permits Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 E. Rodeo Park Dr. Bldg. 1
Santa Fe, New Mexico 87505-6303



Subject: Contract Laboratory Standard Operating Procedures

Dear Mr. Zappe:

This letter transmits the updated list of standard operating procedures used by the Waste Isolation Pilot Plant (WIPP) contract laboratory for groundwater analyses. As discussed during meetings with Carl Chavez held from August 30, 2004, to September 1, 2004, the list has been formatted to include all procedures that are currently in use for ground water analyses. Once our laboratory's management signs off on the changed procedures, final hardcopies of the standard operating procedures will be provided to you. This will occur by January 20, 2005.

As noted in the table, no changes in analytical methods have been adopted by the contract laboratory. This procedure revision list and the procedures that will follow are being provided to you in accordance with the WIPP Hazardous Waste Facility Permit, Attachment L, Section L-4c(3).

If you have any questions regarding this data transmittal, please contact Mr. Jody Plum at (505) 234-7462.

Sincerely,

Lloyd Piper
Acting Manager

Enclosure

cc: w/enclosure
C. Walker, Trinity Engineering
CBFO M&RC

cc: w/o enclosure
J. Bearzi, NMED
J. Kieling, NMED



**List of TRACE Analysis Standard Operating Procedures
Used for WIPP Detection Monitoring Program Groundwater Analyses
December, 2004**

The following list provides the current laboratory SOPs used by TRACE Analysis, Inc. for analysis of WIPP Detection Monitoring Program groundwater samples. Procedures that were revised in 2004 are highlighted, and the new revision number and date of revision are noted. The procedure revisions noted below are complete and are awaiting TRACE Analysis management final approval and signatures. When the laboratory management signs these procedures, final original copies will be provided to NMED.

Alkalinity, 310.1, Rev. 9, 12/09/04

IC (Anions), 300.0

Nitrate, 4500 no3-E

Density, Rev 4, 12/09/04

TDS, 160.1, Rev. 9, 12/09/04

TSS, 160.2, Rev 10, 12/13/04

Conductivity, 120.1, Rev 10, 12/09/04

pH, 150.1, Rev. 5, 12/09/04

Metals Prep, 3010A, Rev. 6, 12/09/04

Salts Prep, 3005A, Rev. 5, 12/09/04

Mercury, 7470A,

Metals, 6010B, Rev. 7, 12/09/04

SVOC, 8270

SVOC Prep, 3510, Rev. 12, 12/09/04

VOC, 8260

VOC Prep, 5030B

TOC, 415.1, Rev. 5, 12/09/04

TOX, 9020B

There have been no changes in analytical methods for these analyses during 2004.