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Date: March 21, 2008
 Refer To: EP2008-0145

James P. Bearzi, Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6303

Subject: Second Update on Environmental Programs Database Management Issues

Reference: Letter, Stiger and Gregory to Bearzi, dated January 29, 2008 (EP2008-0053)

Dear Mr. Bearzi:

On January 29, we provided you with an update of database management system issues that stemmed from a breakdown that occurred during the December closure of Los Alamos National Laboratory (reference). In that letter we summarized the actions being taken and the prognosis for restoring the Sample Management Database and the Water Quality Database. On the basis of initial progress in diagnosing and correcting the issues, we predicted that the systems would be restored to full functionality by February 15, 2008; however, that has not happened. During the last month, we made further investigations that have led us to prioritize the actions to be taken and resources to be applied.

As we reported in January, the following steps needed to be completed. We are currently working through the second bullet and hope to begin the testing (third bullet) by March 15:

- Identification of the problem
- Implementation of corrections and controls to the databases and the applications
- Complete testing of the corrections, improvements, and controls
- Migration of the corrections from the beta database to the production databases
- Confirmatory testing followed by declaration that the databases are ready for production and application use

As a result of the breakdown and the steps that need to be performed, we have determined that the database may not be fully functional before April 30. Until these steps are completed, we will not be able to see new data and some data from the last quarter of 2007 in the Water Quality Database and will not be able to report these data. The attached table indicates the sampling events that have not been transferred from the Sample Management Database to the Water Quality Database, essentially because of translation and downloading issues.



The extended delay to the end of April in restoration of functionality has an impact on additional Water Stewardship deliverables that was unanticipated in the January letter. The impacts are as follows:

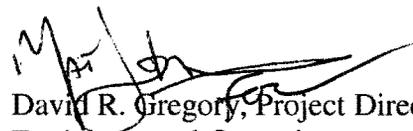
- February, March, and April data reported under the chromium settlement agreement. We will continue to report data for these months in accordance with the normal reporting schedule but the reports will be shorter because not all the data were available. For instance, we will still have the capability of reporting older data as its status changes from not validated to validated.
- Quarterly periodic monitoring report (PMR) submittal due in May (including Pajarito, Sandia, Mortandad and Ancho watersheds). Beginning with the Water Canyon watershed that we reported being impacted in January (reference), we will complete the PMR for each watershed as soon as the data become available.

As corrections to the database management system continue, we will advise you and your staff of any new developments that ensue. In the meantime, if you have any questions, please contact Paul Huber at (505) 606-2225 (huberpr@lanl.gov).

Sincerely,


Susan G. Stiger, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,


David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

SS/DG/PH/AS:sm

Attachment: a/s

Cy: Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
Tom Skibitski, NMED-OB, Santa Fe, NM
Bonita Eichorst, DOE-LASO (date-stamped letter emailed)
Mat Johansen, DOE-LASO, MS A316
Dave McInroy, EP-CAP, MS M992
Craig Eberhart, EP-WES, MS M992
Paul R. Huber, EP-LWSP, MS M992
Danny Katzman, EP-LWSP, M992
Ardyth Simmons, EP-LWSP, M992
David Rogers, EP-LWSP, M992
Susan G. Stiger, ADEP, MS M991
Alison M. Dorries, WES-DO, MS M992
Peggy Reneau, WES-DO, MS M992
RPF, MS M707
EP-LWSP File, MS M992
IRM-RMMSO, MS A150

Groundwater sampling events not in Water Quality Database (as of March 10, 2008) as a result of December 2007 database management issues

Event ID	Event Name	Date Created	Start Date	End Date
351	Pajarito Watershed Groundwater (GW) Sampling Quarter (Q) 3 Mar. 2008	February 15, 2008	March 3, 2008	March 11, 2008
349	Mortandad Watershed GW Sampling MCO-6 Q3 Feb. 2008	February 11, 2008	February 21, 2008	February 21, 2008
342	Sandia Watershed GW Sampling Q3 Feb. 2008	February 1, 2008	February 6, 2008	February 22, 2008
339	Mortandad Watershed GW Sampling Q3 Feb. 2008	January 30, 2008	February 6, 2008	February 25, 2008
318	Pueblo Watershed GW Sampling Event 2 Jan. 2008	December 13, 2007	January 9, 2008	January 22, 2008
317	Los Alamos Watershed GW Sampling Event 2 Jan. 2008	December 12, 2007	January 9, 2008	January 25, 2008
304	Pajarito Canyon Part 3 springs and base flow Dec. 07	December 3, 2007	December 6, 2007	December 18, 2007
302	Pajarito Canyon Part 2 springs and base flow Dec. 07	November 28, 2007	December 4, 2007	December 19, 2007
301	Pajarito Canyon springs and base flow Dec. 07	November 28, 2007	December 3, 2007	December 3, 2007
280	Mortandad Canyon Part 2 Water IFWGMP Nov. 07	November 9, 2007	November 12, 2007	November 14, 2007
261	Mortandad Canyon Water IGWMP Nov 07	October 31, 2007	November 8, 2007	November 19, 2007
259	Sandia Canyon Water IGMP Nov. 07	October 31, 2007	November 7, 2007	November 16, 2007