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Date: August 28, 2006
 Refer to: EP2006-0765

Mr. James Bearzi
 NMED-Hazardous Waste Bureau
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6303



SUBJECT: UPDATE ON SAMPLING GROUNDWATER WELLS DRILLED IN 2005

Dear Mr. Bearzi;

At the request of your staff, please find an update on the sampling status of the groundwater wells drilled during 2005. If you have any questions, please contact Jean Dewart at 665-0239 or Mat Johansen at 665-5046.

Sincerely,

Andrew Phelps,
 Associate Director,
 Environmental Programs
 Los Alamos National Laboratory

Sincerely,

David Gregory,
 Federal Project Director
 Department of Energy
 Los Alamos Site Office

AP/DG/JD/ew

Enclosure: "Table of Sample Summary Status For Intermediate Zone and Regional Aquifer Wells"



Mr. James Bearzi
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Cy: (w/enc.)

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Status of Sampling for Intermediate Zone and Regional Aquifer Wells

<i>Location Name</i>	<i>Development Completion Date</i>	<i>Cause of Delay</i>	<i>Date Sampled</i>	<i>Status of pump</i>
R-3i	30-Aug-2005	Pump installation was delayed pending installation of R-3. However, since R-3 will not be drilled this year, a pump was installed at R-3i	10-Aug- 2006	Temporary pump was installed to sample the well. Permanent pump to be installed during FY07
R-10	6-Oct-2005	Pending design and fabrication of new type of multi-zone sampling (Baski) system	22-Jun-2006	Permanent Baski system installed and tested on May 19, 2006.
R-27	14-Nov-2005	Resolution of Notice of Intent (NOI) to discharge drilling water took longer than anticipated to resolve. A temporary pump was installed for the first sampling round.	1-Jul -2006	Permanent pump installed on August 3, 2006. Pump did not function, and will be repaired/replaced and re-installed for sampling by October 1, 2006.
R-23i	20-Dec-2005	Installation of a sampling system in this well was pending installation and testing of R-10's multi-zone sampling system. Baski system now on order.		Temporary pump to be installed during the 2 nd week of September. Baski pump to be installed in October.
LAOI 3.2a	1-Feb-2006	The incorrect materials were sent followed by delivery of a non-functional pump.	30-Jun-2006	Permanent pump installed on June 30, 2006
R-17	21-Feb-2006	Installation of a sampling system in this well was pending installation and testing of R-10's multi-zone sampling system. Baski system now on order.		Temporary pump to be installed during the 2 nd week of September. Baski pump to be installed in October.

<i>Status for Sampling Intermediate Zone and Regional Aquifer Wells (each of these wells has permanent pumps in use)</i>			
<i>Location Name</i>	<i>Development Completion Date</i>	<i>Actual First Sampling Date</i>	<i>Cause of delay</i>
LAOI-3.2	23-Jul-2005	15-Nov-2005	Receipt of pump specifications and wellhead design to order and install appropriate sampling system
CdV-16-2(i)r	22-Aug-2005	15-Dec-2005	A short in the electrical system caused the pump to fail. The pump was pulled, repaired and reset.
R-10a	7-Sept-2005	30-Nov-05	Delayed delivery of the stainless steel discharge line.
R-24	21-Sept-2005	15-Nov-2005	None – well sampled 7 days early
R-16a	17-Oct-2005	19-Dec-2005	Delayed delivery of the stainless steel discharge line.
LAOI-7	30-Sept-2005	17-Apr-2006	Delayed delivery of variable flow control parts for sampling system