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Date: **AUG 31 2010**
 Refer To: EP2010-0405

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

Subject: Response to the Approval with Modification for Completion Report for Intermediate Well PCI-2

Reference: Letter, Messrs. Rael and Graham to Mr. Bearzi, dated 08/11/10

Dear Mr. Bearzi:

Los Alamos National Laboratory (the Laboratory) would like to take this opportunity to respond to the above-referenced letter from the New Mexico Environment Department (NMED) regarding the approval for the Completion Report for Intermediate Well PCI-2. Attached please find the requested analytical results for tritium in groundwater screening samples. Alternatively, NMED can access the data at <http://racernm.com>. The Laboratory will voluntarily submit a revision of the report by September 10, 2010, that corrects the other items identified in the above-referenced letter.

If you have any questions, please contact Ted Ball at (505) 665-3996 (tedball@lanl.gov) or Ed Worth at (505) 606-0398 (eworth@doeal.gov).

Sincerely,

Michael J. Graham, Associate Director
 Environmental Programs
 Los Alamos National Laboratory

Sincerely,

George J. Rael, Manager
 Environmental Projects Office
 Los Alamos Site Office

MG/GR/TB/ME:sm

Enclosure: Two hard copies with electronic files – Analytical Results for Tritium in
Groundwater Screening Samples Completion Report for Intermediate Well PCI-2

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
Hai Shen, DOE-LASO, MS A316
Ed Worth, DOE-LASO, MS A316
RPF, MS M707 (w/ two CDs)
Public Reading Room, MS M992

Cy: (Letter and CD and/or DVD only)

Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Mark Everett, EP-ET, MS M992
Kristine Smeltz, EP-BPS, MS M992

Cy: (w/o enc.)

Tom Skibitski, NMED-OB, Santa Fe, NM
Annette Russell, DOE-LASO (date-stamped letter emailed)
Ted Ball, EP-ARRA Project, MS C348
Michael J. Graham, ADEP, MS M991

Offsite Laboratory Analytical Results for Tritium, PCI-2

Location	Sample	Sampling Date	Sample Depth (ft bgs)	Result (TU)	Qualifier
PCI-2	CAPA-09-5802	03/14/09	139.5	6.0	U
PCI-2	CAPA-09-5803	03/14/09	139.5	5.0	U
PCI-2	CAPA-09-5804	03/15/09	141.5	5.0	U
PCI-2	CAPA-09-5805	03/15/09	233.0	2.0	U
PCI-2	CAPA-09-5806	03/15/09	233.0	-1.0	U
PCI-2	CAPA-09-5807	03/16/09	253.0	1.0	U
PCI-2	CAPA-09-5808	03/16/09	253.0	2.0	U
PCI-2	CAPA-09-5809	03/22/09	510.0	1.16	NQ

U = not detected.

NQ = not qualified, meaning result is valid.

TU = tritium units.

1 TU = 3.2 pCi/L.