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Environmental Programs

P.O. Box 1663, MS M991
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Date: January 4, 2008
Refer To: EP2007-0799

Mathew P. Johansen
Groundwater Protection Program Manager
Environmental Operations
Los Alamos Site Office, MS A316
National Nuclear Security Administration Department of Energy
Los Alamos, New Mexico 87544

Subject: Groundwater Protection Program Plan, December 2007 Schedule Update

Dear Mr. Johansen:

Attached please find the update of the Los Alamos National Laboratory Groundwater Protection Program Plan (GWPPP) schedule for your review and approval. This submittal fulfills the commitment to provide a quarterly update of the GWPPP schedule.

If you have questions, please contact Ardyth Simmons at (505) 665-3935 (asimmons@lanl.gov) or Paul Huber at (505) 606-2225 (huberpr@lanl.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul R. Huber'.

Paul R. Huber, Program Director
Water Stewardship Program
Los Alamos National Laboratory

PH/AS:sm

Attachment: Groundwater Protection Program Plan – December 2007 Schedule Update

Cy: (w/enc.)
Bonita Eichorst, DOE-LASO (date-stamped letter emailed)
Ardyth Simmons, EP-LWSP, MS M992
Craig Eberhart, WES-DO, MS M992
Victoria George, ENV-DO, MS J978
Robert Beers, ENV-RCRA, MS K490
David Rogers, WES-GS, MS M992
Mike Alexander, WES-RS, MS M992
Danny Katzman, EP-LWSP, MS M992
Matt Riggs, EP-LWSP, MS M992
Paul R. Huber, EP-LWSP, MS M992
Tina Behr-Andres, EP-LWSP, MS M992
Peggy Reneau, WES-DO, MS M992
Public Reading Room, MS M992
EP-LWSP File, MS M992
RPF, MS M707

Cy: (w/o enc.)
Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
Tom Skibitski, NMED-OB, Santa Fe, NM
Susan G. Stiger, ADEP, MS M991
Carolyn A. Mangeng, ADEP, MS M991
Alison M. Dorries, WES-DO, MS M992
IRM-RMMSO, MS A150

**December 2007 Schedule Update
Groundwater Protection Program Plan Schedule of Deliverables by Calendar and Fiscal Year 2005-2015**

Site/Activity	Deliverable Document	Due Date	Notice Date ^{a,b}	Actual Notice Date	New Due Date	New Notice Date
CY2005^e						
	Fulfilled					
FY2006^c						
Los Alamos (LA)/Pueblo Supplemental Investigation Report (IR)	LA/Pueblo Supplemental IR to the New Mexico Environment Department (NMED)	12/15/2005 Submitted	To be decided			
CY2006						
	Fulfilled					
FY2007						
	Fulfilled					
CY2007						
Monthly Groundwater Monitoring Data Summary	Monthly Groundwater Monitoring Data Summary – email to the Los Alamos Site Office (LASO) and NMED	Due monthly on 15 th of each month	n/a ^d	n/a	n/a	n/a
LA/Pueblo Groundwater IR	Report on Groundwater Investigations in LA/Pueblo Canyons. Addendum to LA/Pueblo Canyons IR to NMED	12/15/2007	n/a	n/a	n/a	n/a
Summary Report	Perchlorate sources in the LA/Pueblo watershed	7/9/2007				
Groundwater Well Network Evaluation	Eval of groundwater wells required for monitoring Technical Area (TA) 54	7/31/2007 Submitted	n/a	n/a	n/a	n/a
Chromium/Sandia Canyon Reports	(1) Phase I Sandia Canyon Sediment IR (2) Chromium Fate and Transport Report (3) R-35 Status Report	9/14/2007 Submitted	n/a	n/a	n/a	n/a

Site/Activity	Deliverable Document	Due Date	Notice Date ^{a,b}	Actual Notice Date	New Due Date	New Notice Date
Work Plan for R-Well Rehabilitation and Replacement, Rev. 2	Due to NMED (Communication Tracker [CT] #07-093) received 8/14/2007)	7/30/2007	n/a	n/a	n/a	n/a
8 th Periodic Monitoring Report (PMR)	PMR for Ancho Canyon	9/19/2007	n/a	n/a	n/a	n/a
Groundwater Well Sampling Systems	Plan for TA-54 wells	9/30/2007	n/a	n/a	n/a	n/a
Annual Environmental Surveillance Report (ESR)	ESR published to web	9/30/2007 Finalized	n/a	n/a	n/a	n/a
Groundwater Protection Program Plan (GPPP)	Final FY2008 GPPP – to LASO	9/30/2007	n/a	n/a	n/a	n/a
TA-50 MDA C Network Evaluation NOD Response to Mortandad Canyon GW Well Evaluation, Rev. 1	NOD Response to NMED	9/30/2007	n/a	n/a	n/a	n/a
Revised TA-16 Well Evaluation	NMED Letter (CT#07-0103 & 07-093) received 9/10/2007 – Request for Extension for Recommendations for Screen/Well Rehab and New Well Installation [16-021(c)]	9/30/2007	n/a	n/a	n/a	n/a
Revised Mortandad Canyon Report	NMED Letter (CT#07-081) received 8/31/2007 – Address two comments regarding the report	9/30/2007	n/a	n/a	n/a	n/a
Plan for Investigation of Polychlorinated Biphenyls at LA-SMA-2	NMED Letter (CT#07-0101) received 9/4/2007 – Approval w/ Direction LA/Pueblo Canyons Supplemental IR	10/1/2007	n/a	n/a	n/a	n/a
Revised TA-54 Well Evaluation and Network Recommendations Report	NMED Letter (CT#07-0100) received 9/4/2007 – Approval w/ Direction TA-54 Well Eval and Network Recommendations	10/5/2007	n/a	n/a	n/a	n/a
Mortandad #2 PMR	Includes sampling rounds from 10/19/2006, 2/26/2007, and 6/4/2007	10/22/2007	n/a	n/a	n/a	n/a

Site/Activity	Deliverable Document	Due Date	Notice Date ^{a,b}	Actual Notice Date	New Due Date	New Notice Date
Sandia #3 PMR	Includes sampling rounds from 2/13/2007 and 6/4/2007	10/22/2007	n/a	n/a	n/a	n/a
Work plan for Implementing Mortandad Canyon Well Network Recommendations	Response to NMED (CT#07-081)	10/31/2007	n/a	n/a	n/a	n/a
Groundwater Well (R-36)	Install replacement well for R-12 screen 3	12/2/2007	n/a	n/a	n/a	n/a
Plan for Low-Head Weirs' Design, Locations, and Monitoring & for Wetlands Stabilization	NMED Letter (CT#07-0101) received 9/4/2007 – Approval w/Direction LA/Pueblo Canyons Supplemental IR	11/1/2007	n/a	n/a	n/a	n/a
Outline for Groundwater Well Network Evaluation (Outline for TA-21 and LA/Pueblo Canyons)	Outline due 60 days before the Groundwater Well Network Eval Report	n/a	n/a	n/a	n/a	n/a
Work Plan for Implementing the Recommendations Identified in Section 5.0 of Report	NMED Letter (CT#07-0100) received 9/4/2007 – Approval w/Direction TA-54 Well Eval and Network Recommendations	11/12/2007	n/a	n/a	n/a	n/a
First FY2008 Pajarito #2 PMR, Los Alamos #2	Includes sampling rounds from 12/04/2006, 3/19/2007, and 6/25/2007 Includes sampling rounds from 4/9/2007 and 7/16/2007	11/15/2007	n/a	n/a	n/a	n/a
Groundwater Well Network Evaluation	Eval for TA-21 LA/Pueblo Canyons	12/30/2007	n/a	n/a	n/a	n/a
CY2008						
Second FY2008 Mortandad #3 PMR, Sandia #4 PMR, White Rock #2 PMR, Pajarito #3 PMR	Sampling round 9/06/2007-9/21/2007 Sampling round 9/06/2007-9/21/2007 Includes sampling rounds from 4/30/2007 and 9/17/2007 Sampling round 10/03/2007-10/24/2007	2/15/2008	n/a	n/a	n/a	n/a
Remove Mortandad Canyon Permeable Reactive Barrier		2/26/2008	n/a	n/a	n/a	n/a
(Additional CY2008 PMR dates not scheduled; also dates may shift as sampling rounds shift)	To be determined					

Site/Activity	Deliverable Document	Due Date	Notice Date ^{a,b}	Actual Notice Date	New Due Date	New Notice Date
General Facility Information 2008	Report	3/31/2008	n/a	n/a	n/a	n/a
Groundwater wells	Install South Canyon Wells, Pajarito Intermediate (3 intermediate, 2 regional)	3/31/2008	n/a	n/a	n/a	n/a
R-36 Well Completion Report	Report	5/2/2008	n/a	n/a	n/a	n/a
Third FY2008 PMR	Report	5/15/2008	n/a	n/a	n/a	n/a
Fourth FY2008 PMR	Report	8/15/2008	n/a	n/a	n/a	n/a
Pajarito Canyon	IR – to NMED	9/30/2008	6/28/2008	n/a	n/a	n/a
Sandia Canyon	IR – to NMED	12/15/2008	4/15/2009	n/a	n/a	n/a
FY2009						
	To be determined					
CY2009						
North Canyons (Guaje/ Barrancas/Rendija/Bayo)	IR – to NMED	6/30/2009	9/28/2009			
Cañada del Buey	IR – to NMED	8/31/2009	11/29/2009			
FY2010						
	To be determined					
CY2010						
Water Canyon/Cañon de Valle	IR – to NMED	12/31/2010	4/30/2011			
FY2011-2015						
	To be determined					

^a "Notice Date" is described in Section III.M.2 of this Consent Order.

^b If Respondents deliver documents after the deliverable due date, the Department's notice date shall be automatically extended by a period equal to the time the document was late.

^c CY = Calendar year; FY = fiscal year.

^d n/a = Not applicable.