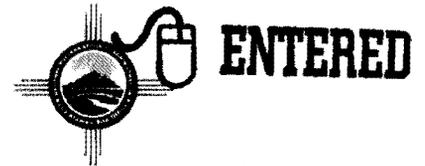




**Environmental Programs**  
 P.O. Box 1663, MS M991  
 Los Alamos, New Mexico 87545  
 (505) 606-2337/FAX (505) 665-1812



**National Nuclear Security Administration**  
 Los Alamos Site Office, MS A316  
 Environmental Restoration Program  
 Los Alamos, New Mexico 87544  
 (505) 667-4255/FAX (505) 606-2132

*Date:* October 14, 2009  
*Refer To:* EP2009-0496

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

**Subject: Submittal of a Proposed Integrated Well-Installation Schedule**



Dear Mr. Bearzi:

The purpose of this letter is to confirm recent discussions between the New Mexico Environment Department (NMED) and the U.S. Department of Energy/National Nuclear Security Administration and Los Alamos National Laboratory (collectively the Permittees) regarding requirements for additional groundwater wells. The Permittees have developed an integrated well-installation schedule strategy for fiscal year 2010 (Attachment 1). This integrated schedule is illustrated in Attachment 2. This schedule includes 16 regional and intermediate wells, 2 alluvial wells in Water Canyon.

The Permittee's will install these regional and intermediate wells to provide groundwater data in support of key Compliance Order on Consent (the Consent Order) documents. This schedule is consistent with discussions had at several working sessions with NMED over the last 2 months. The proposed completion dates are explained in Attachment 1. Where dates have been adjusted, the logic was tested and confirmed that the groundwater data will still be available for reporting.

This integrated well-installation plan addresses 16 intermediate or regional aquifer wells, with the proposed locations presented in Attachment 3. The integrated plan documents a reasonable, but aggressive, schedule to execute this work. Additionally, where well schedules can be accelerated, the Permittees will pursue the opportunity because this approach provides efficiencies in equipment and personnel deployment, lowers cost, adjusts schedule contingencies for subsequent work, and accelerates sampling.

The Permittees are seeking an approval of the integrated schedule to better execute the drilling plan. The Permittees are requesting that NMED use these dates when each well completion schedule is established and communicated to the Permittees under separate correspondence applicable to that well.



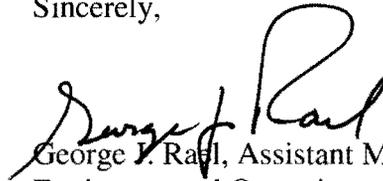
If you have any questions, please contact Andy Baumer at (505) 665-0340 (andybaumer@lanl.gov) or Everett Trollinger at (505) 667-0281 (etrollinger@doeal.gov).

Sincerely,

Sincerely,



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



George J. Raul, Assistant Manager  
Environmental Operations  
Los Alamos Site Office

MG/DG/PH:sm

Attachments: (1) Summary Intergrated Schedule Adjustments and Explanation (LA-UR-09-6259)  
(2) Intergrated Schedule (LA-UR-09-6259)  
(3) Proposed Locations of New Regional and Intermediate Wells (LA-UR-09-6259)

Cy: (w/att.)  
Laurie King, EPA Region 6, Dallas, TX  
Steve Yanicak, NMED-DOE-OB, MS M894  
Everett Trollinger, DOE-LASO, MS C348  
Hai Shen, DOE-LASO, MS A316  
Danny Katzman, EP-LWSP, MS M992  
Ted Ball, EP-LWSP, MS C348  
Andy Baumer, EP-TA-54 Closure Program, MS C348  
Kristine Smeltz, EP-WES, MS M992  
RPF, MS M707

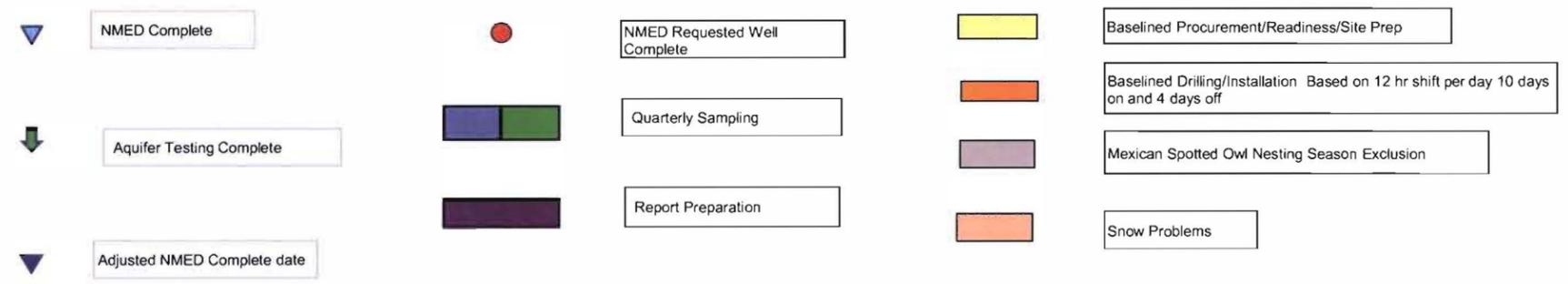
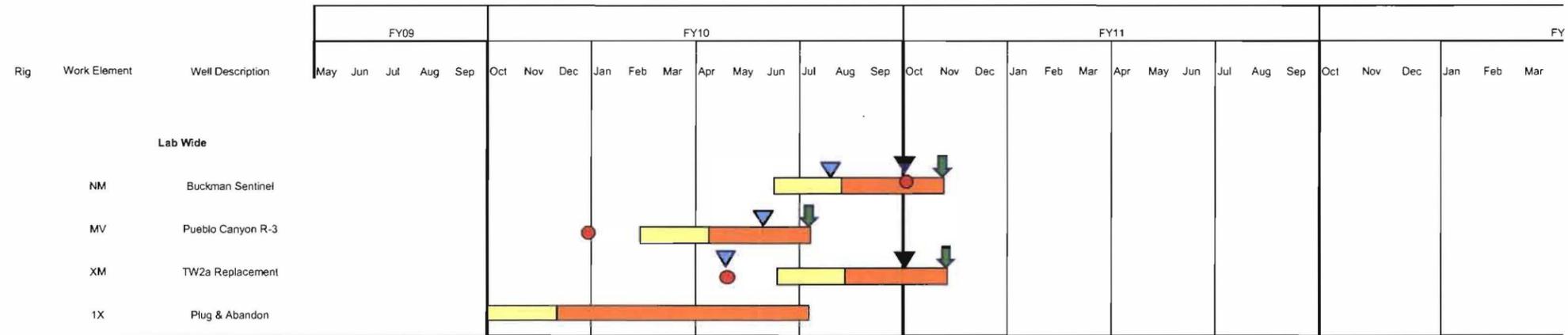
Cy: (w/o att.)  
Tom Skibitski, NMED-OB, Santa Fe, NM  
Keyana DeAguero, DOE-LASO (date-stamped letter emailed)  
Tori George, ADEP, MS M991  
Paul Huber, EP-LWSP, MS M992  
Michael J. Graham, ADEP, MS M991  
Alison M. Dorries, EP-WES, MS M996  
IRM-RMMSO, MS A150 (date-stamped letter emailed)

**Attachment 1 - Summary of Schedule Adjustments and Explanation (all dates are NMED complete for wells) per Integrated Schedule**

<i>Scope of work</i>	<i>NMED-Currently Required Date</i>	<i>LANL-Proposed Date</i>	<i>Explanation or Status</i>
Well D MDA H (up gradient)	TBD	01/29/10	The start date of 10/01/09 sets completion as shown to allow for the required predecessor activities such as site preparation, and Task Order development and rig mobilization with the LANL subcontractor.
R-27i Water Canyon	12/15/09	12/15/09	The well is working and is ahead of the NMED required date.
CdV 37-1(i) Canyon de Valle	12/15/09	12/15/09	Working ahead of schedule. Road construction and pad preparation completed 09/21, ready for the mob of the drill rig to come off of R-27i.
Well A MDA H (down gradient)	TBD	01/29/10	Need concurrence for completion date, premobilization activities ready to start.
R-50 (Cr well)	12/31/09	02/23/10	Efficient rig scheduling pushed this to the later date. Working to better the LANL proposed date.
Well B MDA G	TBD	03/30/10	Need concurrence for completion date, premobilization activities ready to start.
MDA-AB new well	12/15/09	03/15/10	The schedule was moved out as driven by rig availability, but the later date was confirmed to support the data required for the MDA-AB investigation report (05/30/10).
R-20 (r)	TBD	03/30/10	Need concurrence for completion date, premobilization activities ready to start.
R-30 for MDA AB	12/15/09	04/29/10	Proposed date is as discussed between NMED and LANL to enable drilling rigs and crews for earlier deployment to other higher priority wells. Proposed date will meet data delivery needs.
TA-16 CME test well	not established	09/30/10	Propose date provided better rig utilization and is set for overall resource planning. The final schedule will be established at the review and approval of the aquifer pumping test plan, which is due to NMED in February 2010.
R-3	05/31/10	05/31/2010	No change
R-32 (r) TA-54	TBD	06/28/10	Need concurrence for completion date, premobilization activities ready to start.
R-22 (r) TA-54	TBD	07/30/10	Need concurrence for completion date, premobilization activities ready to start.
TW-2 (r) Pueblo Canyon	04/20/10	09/28/10	Proposed date is as discussed between NMED and LANL to enable drilling rigs and crews for earlier deployment to other higher priority wells. Proposed date will meet data delivery needs.
Buckman Sentinel	09/30/10	09/30/10	No change
Well C MDA G (down gradient)	TBD	09/28/10	Proposed date is as discussed between NMED and LANL to enable drilling rigs and crews for earlier deployment to other higher priority wells. Proposed date will meet data delivery needs.
Water Alluvials	TBD	02/12/10	Date moved forward to better use light auger rig.
Test Well P&As	01/30/10	06/21/10	Schedule was moved forward for better use of the rigs.







Note: updated as of 8/18/09

