



STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER

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September 9, 2022

Cheryl Rodriguez  
U.S. Dept of Energy Enviro. Mgmt.,  
Los Alamos  
1200 Trinity Dr., Suite 400  
Los Alamos, NM 87544

Joseph T. Sena  
U.S. Dept of Energy Enviro. Mgmt.,  
Los Alamos  
1990 Diamond Dr., MS M992  
Los Alamos, NM 87544

**RE:** OSE File No. RG-A0308 (R-73)

Dear Cheryl and Joseph,

After the presentation by Tech2 Solutions (your contractor) on September 7, 2022, and internal discussions between the Office of the State Engineer (OSE) and the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB), it has been determined that the best plan of action moving forward with well R-73 is for plugging and abandonment to be completed, in accordance with N.M. Code R. § 19.27.4.30 C.

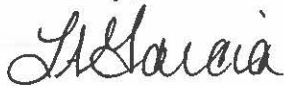
Considering the failed construction of Well R-73 and the imminent danger of chromium contamination migrating into a potentially uncontaminated water bearing formation, we are requiring that the following is submitted to the OSE District VI Office, within seven (7) calendars days of the date on this letter:

- Well Plugging Plan of Operations (OSE Form WD-08), complete with all pertinent information necessary for review and approval (a single design, no multiple options)
- Any geophysical logging that was collected during the construction of R-73
- Lithology log
- Output files in either .txt or .csv format from both the upper and lower pressure transducers in R-73
- Output files in either .txt or .csv format from the pressure transducers in R-45 S1 and S2
- Output files in either .txt or .csv format from the pressure transducers in R-70 S1 and R-70 S2
- Pumping rate and times from PM-3 during the testing period provided in the presentation
- Pumping rate and times from the pump in R-73 during the testing period provided in the presentation

- We would also like to know if the pumping times and the pressure transducer clocks were all synchronized.
- The contracted licensed driller shall be required to submit a letter acknowledging they have reviewed the submitted Well Plugging Plan of Operations and are able to perform the proposed activities
- OSE reserves the right to request further information and/or data in our review of the plugging plan

If any of the above requested information cannot be supplied within seven (7) calendar days, it is required that a formal written statement detailing why it cannot be provided be submitted to our office *prior* to the deadline. We hope that you understand the urgency of this request, as one of our highest District priorities is to ensure that that this well is properly abandoned as soon as possible.

Sincerely,



Lorraine A. Garcia  
Upper Rio Grande Manager  
Water Rights Division-Santa Fe

CC: Neelam Dhawan, NMED-HWB  
Michael Peterson, NMED-HWB  
Caitlin Stone, NMED-HWB  
Christopher Thornburg, OSE  
Ramona Martinez, OSE  
John Romero, OSE  
Christopher Angel, OSE  
Christopher Krambis, OSE  
Christian Maupin, N3B  
Joseph Murdock, N3B  
Arturo Duran, N3B  
Steve Story, Holt Services, Inc.  
Robert Stadel, Holt Services, Inc.