



**DEPARTMENT OF ENERGY**  
Environmental Management Los Alamos Field Office (EM-LA)  
Los Alamos, New Mexico 87544

EMLA-2021-BF131-02-001

June 29, 2021

Mr. Ricardo Maestas  
Acting Bureau Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6313

Subject: Request for Second Extension for the Well Rehabilitation Work Plan Requirement,  
Regional Aquifer Wells R-28, R-42, and CrEX-3

Dear Mr. Maestas:

The U.S. Department of Energy Environmental Management Los Alamos Field Office (EM-LA) is in receipt of the New Mexico Environment Department's (NMED's) letter, "Approval, Extension Request to Respond to NMED's Well Rehabilitation Work Plan Requirement, Regional Aquifer Wells R-28, R-42, and CrEX-3," dated June 2, 2021. NMED's approval noted a meeting planned for June 3, 2021, between EM-LA and NMED that was subsequently held. In that meeting, it was agreed that NMED would consider an additional extension to EM-LA for the submittal of the well rehabilitation work plan and that EM-LA's proposed new due date would be based on EM-LA's schedule to complete a maximum of 4 weeks of continuous pumping and data collection from wells R-42 and R-28. The purpose of this correspondence is to request an additional 120-day extension to enable results from the pumping and data collection to be used to inform future rehabilitation efforts for these wells.

The start date for the period of pumping at R-42 and R-28 is dependent on several preceding activities, including NMED Ground Water Quality Bureau (GWQB) approval of Amendment 3 to the "Multiple Activities Work Plan for the Treatment and Land Application of Groundwater from Mortandad and Sandia Canyons, DP-1793 Work Plan #5" (EPC DO-17-050; hereafter Work Plan #5). EM-LA submitted the proposed amendment to Work Plan #5 to the GWQB on June 25, 2021. EM-LA is assuming that the GWQB will require 30 days for review and approval. Field readiness activities, including procurement of ion exchange units for wellhead treatment of iron and manganese, will take place concurrent with the GWQB review of the proposed amendment to Work Plan #5. If EM-LA's assumptions for the GWQB's review cycle and EM-LA's procurement durations are correct, the start of the period of concurrent pumping and sampling at R-42 and R-28 would occur in early August 2021. The pumping period at these wells will not exceed 4 weeks and is expected to occur until early September 2021. After completion of the pumping and sampling period, EM-LA will conduct an evaluation of the data collected once the data have been received and validated. It is anticipated that data validation and review will occur until the end of September. EM-LA will meet with NMED to discuss the data results and the rehabilitation work plan. EM-LA will submit the well rehabilitation work plan to NMED by October 26, 2021.

If you have any questions, please contact Christian Maupin (505) 695-4281 (christian.maupin@em-la.doe.gov) or Cheryl Rodriguez at (505) 414-0450 (cheryl.rodriguez@em.doe.gov).

Sincerely,

**ARTURO**  
**DURAN**

Digitally signed by  
ARTURO DURAN  
Date: 2021.06.28  
19:12:23 -06'00'

Arturo Q. Duran  
Compliance and Permitting Manager  
Environmental Management  
Los Alamos Field Office

cc (letter emailed):

Laurie King, EPA Region 6, Dallas, TX  
Raymond Martinez, San Ildefonso Pueblo, NM  
Dino Chavarria, Santa Clara Pueblo, NM  
Chris Catechis, NMED-DOE-OB/-RPD  
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Joseph Legare, N3B  
Dana Lindsay, N3B  
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PRS website

## Pamela T. Maestas

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**From:** Maestas, Ricardo, NMENV <Ricardo.Maestas@state.nm.us>  
**Sent:** Tuesday, June 29, 2021 11:20 AM  
**To:** Pamela T. Maestas  
**Cc:** Dhawan, Neelam, NMENV; Briley, Siona, NMENV; Krambis, Christopher, NMENV; Catechis, Chris, NMENV; Martinez, Cynthia, NMENV; Emily M. Day; Regulatory Documentation; cheryl.rodriguez@em.doe.gov; Danny Katzman; Bruce A. Robinson; Maestas, Ricardo, NMENV  
**Subject:** RE: Submittal to NMED on 6/29/2021 of Second Extension Rqst, Well Rehab WP R-28, R-42, CrEX-3

Hello.

I have received the email and was able to open the attached letter.  
The NMED HWB will review.

Thank you.

*Ricardo Maestas, Acting Chief*  
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New Mexico Environment Department  
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**From:** Pamela T. Maestas <pamela.maestas@em-la.doe.gov>  
**Sent:** Tuesday, June 29, 2021 10:28 AM  
**To:** Maestas, Ricardo, NMENV <Ricardo.Maestas@state.nm.us>  
**Cc:** Dhawan, Neelam, NMENV <neelam.dhawan@state.nm.us>; Briley, Siona, NMENV <Siona.Briley@state.nm.us>; Krambis, Christopher, NMENV <Christopher.Krambis@state.nm.us>; Catechis, Chris, NMENV <Chris.Catechis@state.nm.us>; Martinez, Cynthia, NMENV <cynthia.martinez1@state.nm.us>; Emily M. Day <Emily.Day@em-la.doe.gov>; Regulatory Documentation <RegDocs@EM-LA.DOE.GOV>; cheryl.rodriguez@em.doe.gov; Danny Katzman <danny.katzman@em-la.doe.gov>; Bruce A. Robinson <bruce.robinson@em-la.doe.gov>  
**Subject:** Submittal to NMED on 6/29/2021 of Second Extension Rqst, Well Rehab WP R-28, R-42, CrEX-3

Mr. Maestas,

Attached for submittal is a pdf file of the following:

- Request for Second Extension for the Well Rehabilitation Work Plan Requirement, Regional Aquifer Wells R-28, R-42, and CrEX-3 (EMLA-2021-BF131-02-001)

Please acknowledge receipt of this submittal by responding to this email. Hard copies will be taken to you by tomorrow.  
Let me know if you have any questions.

Thank you.

**Pamela T. Maestas**

**Regulatory Documentation Manager**

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