

# TECHNICAL MEMORANDUM

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**To:** Nevada Environmental Response Trust

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**Cc:** Nevada Division of Environmental Protection  
United States Environmental Protection Agency

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**From:** Dan Pastor and Dana Grady

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**Date:** January 28, 2019

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**Subject:** Seep Well Field Area Bioremediation Treatability Study Monthly Progress Report

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At the direction of the Nevada Environmental Response Trust (NERT or Trust), Tetra Tech, Inc. (Tetra Tech) has prepared this memorandum which summarizes Tetra Tech's progress during December 2018 toward successfully implementing the Seep Well Field (SWF) Area Bioremediation Treatability Study.

## Task Progress Update: December 2018

### Task M11 – Seep Well Field Area Bioremediation Treatability Study (SWFTS)

- Task Leader – Dana Grady/Dan Pastor
- Current Status
  - *Treatability/Pilot Study Modification No. 6 – Seep Well Field Area Bioremediation Treatability Study* was submitted to the Nevada Division of Environmental Protection (NDEP) on December 11, 2018 to recommend continuation of the study to evaluate long-term injection frequencies and injection well maintenance requirements. This modification was approved by NDEP on December 14, 2018.
  - Groundwater sampling was performed in late December 2018. Results will be provided in future monthly progress reports once the data are available.
  - The fourth injection event is tentatively scheduled to begin in January 2019.
- Schedule and Progress Updates
  - This task remains on schedule. Per Modification No.6, future progress reports will be submitted on a quarterly basis; therefore, this is the last monthly progress report associated with the SWF Area Bioremediation Treatability Study.
- Health and Safety
  - There were no safety incidents related to Task M11 during December 2018.

## CERTIFICATION

### Seep Well Field Area Bioremediation Treatability Study Monthly Progress Report

**Nevada Environmental Response Trust Site  
(Former Tronox LLC Site)  
Henderson, Nevada**

#### **Nevada Environmental Response Trust (NERT) Representative Certification**

I certify that this document and all attachments submitted to the Division were prepared at the request of, or under the direction or supervision of NERT. Based on my own involvement and/or my inquiry of the person or persons who manage the systems(s) or those directly responsible for gathering the information or preparing the document, or the immediate supervisor of such person(s), the information submitted and provided herein is, to the best of my knowledge and belief, true, accurate, and complete in all material respects.

Office of the Nevada Environmental Response Trust

Le Petomane XXVII, not individually, but solely in its representative capacity as the Nevada Environmental Response Trust Trustee

*not individually, but solely as Pres. Trust*

**Signature:** *Jay A. Steinberg*, not individually, but solely in his representative capacity as President of the Nevada Environmental Response Trust Trustee

**Name:** Jay A. Steinberg, not individually, but solely in his representative capacity as President of the Nevada Environmental Response Trust Trustee

**Title:** Solely as President and not individually

**Company:** Le Petomane XXVII, Inc., not individually, but solely in its representative capacity as the Nevada Environmental Response Trust Trustee

**Date:** 11/28/19

## CERTIFICATION

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I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been prepared in a manner consistent with the current standards of the profession, and to the best of my knowledge, comply with all applicable federal, state, and local statutes, regulations, and ordinances. I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

**Description of Services Provided:** Prepared Seep Well Field Area Bioremediation Treatability Study Monthly Progress Report.



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**Kyle Hansen, CEM**  
Field Operations Manager/Geologist  
Tetra Tech, Inc.

January 28, 2019

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Date

Nevada CEM Certificate Number: 2167  
Nevada CEM Expiration Date: September 18, 2020