

TECHNICAL MEMORANDUM

To: Nevada Environmental Response Trust

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

From: Dan Pastor and Dana Grady

Date: April 20, 2018

Subject: Seep Well Field Area Bioremediation Treatability Study Progress Update

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 March 2018 toward successfully implementing the Seep Well Field Area Bioremediation Treatability Study.

Task Progress Update: March 2018

Task M11 – Seep Well Field Area Bioremediation Treatability Study

- Task Leader – Dana Grady/Dan Pastor
- Current Status
 - The results from the February monthly groundwater sampling event (first sampling event after the second injection event) have been received and are currently being evaluated. A preliminary review of results indicates perchlorate and chlorate concentrations remain at levels significantly below their respective baseline concentrations observed prior to injections.
 - The March groundwater sampling event was completed the week of March 26 – 30, 2018. Results are pending, and are anticipated to be briefly discussed in the April monthly progress update.
 - Planning for the third injection event is on-going and the injection likely to be performed in June 2018. Exact timing of the third event will be determined based on evaluation of effectiveness monitoring results from the February, March, and April sampling events.
- Schedule and Progress Updates
 - This task remains on schedule.
 - The next groundwater sampling event is tentatively scheduled for the week of April 30 – May 4, 2018. The exact timing will be dependent on evaluation of the results from the March groundwater sampling event.

- Health and Safety
 - There were no safety incidents related to Task M11 during March 2018.

CERTIFICATION

Seep Well Field Area Bioremediation Treatability Study Progress Update

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

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

not individually, but solely as Pres. At

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: 4/19/18

CERTIFICATION

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 Progress Update, Nevada Environmental Response Trust Site, Henderson, Nevada



April 20, 2018

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

Date

Nevada CEM Certificate Number: 2167
Nevada CEM Expiration Date: September 18, 2018