

TECHNICAL MEMORANDUM

To: Nevada Environmental Response Trust

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

From: Dana Grady

Date: April 6, 2020

Subject: Las Vegas Wash Bioremediation Pilot Study Monthly Progress Report

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 February 2020 toward successfully implementing the Las Vegas Wash Bioremediation Pilot Study.

Task Progress Update: February 2020

Task M19 – Las Vegas Wash Pilot Study

- Task Leader – Dana Grady/Dan Pastor
- Current Status
 - Clark County access for injection and monitoring well installation was approved on January 22, 2020. As part of access requirements, a cultural survey of the area was completed on January 29, 2020 and submitted to Clark County on January 31, 2020. Clark County approved the cultural survey on February 7, 2010.
 - Access negotiations with the City of Henderson for the use of the landfill as a staging area are on-going.
 - Drilling began on February 10, 2020 and is on-going. During February 2020, the Zone 1 and 3 pilot boring wells were installed and developed, followed by installation of four Upper Muddy Creek formation (UMCf) injection wells within Zone 2. Well construction details will be provided once injection and monitoring wells have been surveyed.
- Schedule and Progress Updates
 - Well installation began on February 10, 2020 and is on-going. In addition to continuing well installation activities, the Zones 1 and 3 pilot boring wells will be sampled and aquifer tested in March 2020.
- Health and Safety
 - There were no safety incidents related to Task M19 during February 2020.

CERTIFICATION

Las Vegas Wash Bioremediation Pilot Study Monthly Progress Report

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

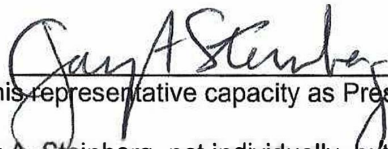
Nevada Environmental Response Trust (NERT) Representative Certification

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

Signature:



**Not Individually, but Solely
as President of the Trustee**

, 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:

4/6/2020

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: Las Vegas Wash Bioremediation Pilot Study Monthly Progress Report, Nevada Environmental Response Trust Site, Henderson, Nevada.



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

April 6, 2020

Date

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