

# 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:** Dana Grady

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**Date:** January 24, 2020

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**Subject:** Las Vegas Wash Bioremediation Pilot 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 2019 toward successfully implementing the Las Vegas Wash Bioremediation Pilot Study.

## Task Progress Update: December 2019

### Task M19 – Las Vegas Wash Pilot Study

- Task Leader – Dana Grady/Dan Pastor
- Current Status
  - The Phase 2 pilot study design is now complete.
  - A summary of the Phase 1 findings and proposed Phase 2 field scope was presented to NDEP, EPA, and NERT Stakeholders at a Stakeholder Roundtable meeting on September 30, 2019.
  - Comments from the Stakeholder Roundtable were received on September 30, 2019 and October 4, 2019 and were incorporated into the Las Vegas Wash Bioremediation Pilot Study Work Plan Addendum.
  - The Las Vegas Wash Bioremediation Pilot Study Work Plan Addendum and associated Phase 2 Cost Estimate and Budget document were submitted on November 11, 2019 and subsequently approved on December 11, 2019.
- Schedule and Progress Updates
  - Phase 2 implementation will commence upon approval of the City of Henderson and Clark County access agreements, both of which were submitted in December 2019.
- Health and Safety
  - There were no safety incidents related to Task M19 during December 2019.

## CERTIFICATION

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### Las Vegas Wash Bioremediation Pilot Study Monthly Progress Report

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

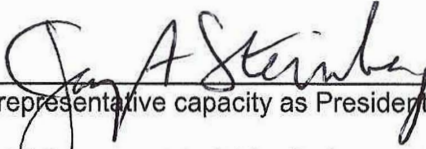
#### **Nevada Environmental Response Trust (NERT) Representative Certification**

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

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

**Signature:** , 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

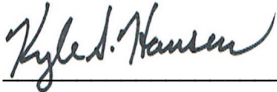
**Date:** 11/24/2020

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



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

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January 24, 2020

Date

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