

TECHNICAL MEMORANDUM

To: Nevada Environmental Response Trust

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

From: Dana Grady

Date: August 17, 2022

Subject: Las Vegas Wash ZVI-Enhanced Bioremediation Treatability 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 to summarize Tetra Tech's progress during July 2022 toward successfully implementing the Las Vegas Wash Zero-Valent Iron (ZVI)-Enhanced Bioremediation Treatability Study.

Task Progress Update: July 2022

Task M18 – Las Vegas Wash ZVI-Enhanced Bioremediation Treatability Study

- Current Status
 - The Transect 1A area is located on land owned by the City of Henderson (COH). On January 6, 2022, the COH provided a preliminary draft of a Revocable Permit for Transect 1A access requesting information from the Trust to complete the draft Revocable Permit. The revised draft Revocable Permit was provided to the COH on January 14, 2022. The COH completed its review and provided comments on the draft Revocable Permit on June 23, 2022. The Trust responded to comments via a redline draft Revocable Permit submitted to the COH on June 30, 2022. The redlines to the access agreement were accepted and the final access agreement will be presented to City Council on August 2, 2022 for approval.
 - Based on dialogue from several meetings with the NDEP Bureau of Water Pollution Control (BWPC), an application for an Underground Injection Control (UIC) General Permit for Groundwater Remediation (Long-Term) was submitted to BWPC on July 28, 2022.
- Schedule and Progress Updates
 - Access is pending COH approval of the draft Revocable Permit. The preliminary Phase 2 schedule assumed approval of the Revocable Permit by January 15, 2022. Upon issuance of the permit by COH, the Phase 2 implementation schedule will be revised and provided to NDEP.
 - The first phase of pre-construction field activities is tentatively scheduled to begin in mid-August 2022, pending access approval by COH.
- Health and Safety

- There were no health and safety incidents related to Task M18 during July 2022.

CERTIFICATION

Las Vegas Wash ZVI-Enhanced 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

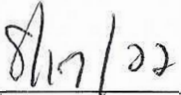
Le Petomane XXVII, not individually, but solely in its representative capacity as the Nevada Environmental Response Trust Trustee

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:  _____

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 Las Vegas Wash ZVI-Enhanced Bioremediation Treatability Study Monthly Progress Report.



David S. Wilson, CEM
Principal Engineer
Tetra Tech, Inc.

August 17, 2022

Date

Nevada CEM Certificate Number: 2385
Nevada CEM Expiration Date: September 19, 2022