

# MEMO

Date **April 18, 2022**  
 To **Nevada Environmental Response Trust**  
 From **Chris Ritchie, Nick DiMarcello, and Kimberly Kuwabara**  
 Copy to **Nevada Division of Environmental Protection**  
**United States Environmental Protection Agency**  
 Subject **Las Vegas Wash ZVI-Enhanced Bioremediation Treatability Study Monthly Progress Report**

## **TASK PROGRESS UPDATE: MARCH 2022**

At the direction of the Nevada Environmental Response Trust (NERT or Trust), Ramboll US Consulting, Inc. (Ramboll) has prepared this memorandum which summarizes Ramboll's progress during March 2022 toward successfully implementing the Las Vegas Wash Zero-Valent Iron (ZVI)-Enhanced Bioremediation Treatability Study.

## **TASK M18 – LAS VEGAS WASH ZVI-ENHANCED BIOREMEDIATION TREATABILITY STUDY**

- Task Leaders – Nick DiMarcello / Chris Ritchie
- Current Status
  - Phase 2 (design and implementation of a field test) is planned to be completed in the vicinity of Las Vegas Wash Transect 1A (Transect 1A) in accordance with the Work Plan Addendum, which was submitted to the Nevada Division of Environmental Protection (NDEP) on October 2, 2021 and approved on November 10, 2021.
  - 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 and is currently under COH review.
  - A meeting with NDEP Bureau of Water Pollution Control (BWPC) was held on January 13, 2022 to discuss Underground Injection Control (UIC) permitting for the Phase 2 Implementation. At the conclusion of the meeting, BWPC informed NERT to await further direction regarding the structure of the UIC permit. On March 29, 2022, the Trust reached out to Andrew Kowler (BWPC) to inquire about status or required additional information.
- Schedule and Progress Updates
  - Transect 1A 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.

- Health and Safety
  - No safety incidents occurred during March 2022.

## Las Vegas Wash ZVI-Enhanced Bioremediation Treatability Study Progress Update

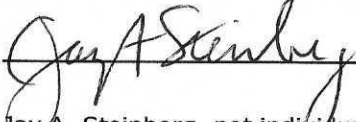
### Nevada Environmental Response Trust Site (Former Tronox LLC Site) Henderson, Nevada

#### 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 system(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, Inc., 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

**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

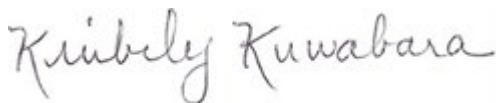
**Date:** 4/5/22

## **Las Vegas Wash ZVI-Enhanced Bioremediation Treatability Study Progress Update**

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

#### **Responsible Certified Environmental Manager (CEM) for this project**

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 provided 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.



April 18, 2022

**Kimberly Kuwabara, MS**  
**Senior Managing Consultant**

**Date**

Certified Environmental Manager  
Ramboll US Consulting, Inc.  
CEM Certificate Number: 2353  
CEM Expiration Date: March 20, 2023