

MEMO

Date **April 20, 2018**
To **Nevada Environmental Response Trust**
From **John Pekala, Scott Warner, and Chris Ritchie**
Copy to **Nevada Division of Environmental Protection**
Subject **United States Environmental Protection Agency**
Galleria Road ZVI-Enhanced Bioremediation Treatability
Study Progress Update

Task Progress Update: March 2018

At the direction of the Nevada Environmental Response Trust (NERT or Trust), Ramboll US Corporation (Ramboll) has prepared this memorandum which summarizes Ramboll's progress during March 2018 toward successfully implementing the Galleria Road ZVI-Enhanced Bioremediation Treatability Study.

Task M18 – Galleria Road ZVI-Enhanced Bioremediation Treatability Study

- Task Leader – Scott Warner / Chris Ritchie
- Current Status
 - Preparation for upcoming drilling activities, such as well permitting, subcontracting, and utility clearances, have been completed.
- Schedule and Progress Updates
 - This task remains on schedule.
 - Surface geophysics: April 9 through 11, 2018.
 - Drilling of the pre-design borings and monitoring wells: April 9 through April 28, 2018.
 - Groundwater monitoring and aquifer testing will be performed following the completion of drilling activities.
 - Bench-scale testing program, to be performed at the University of Nevada Las Vegas (UNLV), is expected to begin by April 30, 2018.
- Health and Safety
 - There were no safety incidents related to Task M18 during March 2018.

Galleria Road 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 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 President

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: 4/26/18

Galleria Road ZVI-Enhanced Bioremediation Treatability Study Progress Update

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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 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 Galleria Road ZVI-Enhanced Bioremediation Treatability Study Progress Update, Nevada Environmental Response Trust Site, Henderson, Nevada



April 20, 2018

John M. Pekala, PG
Principal

Date

Certified Environmental Manager
Ramboll Environ US Corporation
CEM Certificate Number: 2347
CEM Expiration Date: September 20, 2018