



NEVADA DIVISION OF  
**ENVIRONMENTAL  
PROTECTION**

**STATE OF NEVADA**  
Department of Conservation & Natural Resources

Steve Sisolak, Governor  
Bradley Crowell, Director  
Greg Lovato, Administrator

April 26, 2021

Jay A. Steinberg  
Nevada Environmental Response Trust  
35 East Wacker Drive, Suite 690  
Chicago, IL 60601

Subject: Zero-Valent Iron Treatability Study

Facility: Tronox LLC (TRX) Facility  
Nevada Environmental Response Trust (Trust) Property  
NDEP Facility ID #H-000539

Dear Mr. Steinberg:

The Nevada Division of Environmental Protection (NDEP) Bureau of Industrial Site Cleanup (BISC) is working with the Nevada Environmental Response Trust (NERT) to study different remedial technologies in order to make sound decisions surrounding the final soil and groundwater remedies. One such technology is Zero-Valent Iron (ZVI). ZVI essentially involves the placement of very fine iron shavings underground which passively react with groundwater to reduce contamination.

The NDEP understands that the NERT has been working with the City of Henderson on this ZVI Treatability Study for almost two years and has already installed a number of groundwater monitoring wells at this City of Henderson Property to fully characterize the area and design the study. To implement the study NERT is required to install a number of additional monitoring wells and a small scale underground ZVI wall approximately 200 feet long and 3 feet wide. This wall is to be comprised of a mixture of sand and iron shavings and will be fully permitted by NDEP's Bureau of Water Pollution Control.

While a formal workplan is in the final stages of preparation the NERT has shared its plan to implement this study with the NDEP and the United States Environmental Protection Agency (US EPA). The agencies have reviewed the information and have concurred with the design and location.

Please finalize the Work Plan to implement the ZVI Treatability Study and complete the process to obtain access with the City of Henderson, the NDEP and US EPA consider this study to be critical to the NERT's final remedy decision.

Please contact the undersigned with any questions at [jdotchin@ndep.nv.gov](mailto:jdotchin@ndep.nv.gov) or 702-668-3914.

Sincerely,

*James Dotchin*

James (JD) Dotchin  
Chief, Bureau of Industrial Site Cleanup  
NDEP-Las Vegas City Office