



NEVADA DIVISION OF  
**ENVIRONMENTAL  
PROTECTION**

STATE OF NEVADA  
Department of Conservation & Natural Resources

Brian Sandoval, Governor  
Leo M. Drozdoff, P.E., Director  
David Emme, Administrator

May 19, 2016

Jay A. Steinberg  
Nevada Environmental Response Trust  
35 East Wacker Drive, Suite 1550  
Chicago, IL 60601

Re: **Tronox LLC (TRX) Facility**  
**Nevada Environmental Response Trust (Trust) Property**  
**NDEP Facility ID #H-000539**  
Nevada Division of Environmental Protection (NDEP) Response to: *Unit 4 and 5*  
*Buildings Investigation First Mobilization*

Dated: May 9, 2016

Dear Mr. Steinberg,

The NDEP has received and reviewed the Trust's above-identified Deliverable and finds that the document is acceptable with the following comments noted for the Administrative Record:

1. One of the major purposes for Unit 4 and 5 Buildings Investigation is to determine the mass of contaminants (e.g. perchlorate and chromium) in vadose zone and saturated zone. Figure 8 (Perchlorate Discrete-Depth Groundwater Results) of this report shows the highest perchlorate concentration at the deepest of the four wells, which doesn't tell vertical extent of the perchlorate contaminated groundwater. Although the proposed three boreholes are 25 feet deeper, it is still possible that these three new boreholes are not deep enough to define the vertical extent of the contaminated groundwater. Therefore, NDEP suggests that NERT design the three proposed boreholes to meet following goals:
  - a. Determine vertical extent of the contaminated groundwater by perchlorate and chromium;
  - b. Determine if the contaminants found in shallow water bear zone reach the groundwater in second coarse grain of Upper Muddy Creek Formation (UMCf-cg2);
  - c. Prevent potential vertical migration of the contaminants caused by the proposed boreholes;
2. Provide a map showing the boring logs/wells that a utility is encountered in first 12 feet and a well is moved from planned location to avoid the utilities;

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3. All data generated from Unit 4 and 5 Buildings Investigation will have a data validation summary report (DVSR) and electronic data deliverable (EDD) after completing all phases of the Unit 4 and 5 Buildings Investigation.

Please contact the undersigned with any questions at [wdong@ndep.nv.gov](mailto:wdong@ndep.nv.gov) or 702-486-2850 x252.

Sincerely,



Weiquan Dong, P.E.  
Bureau of Industrial Site Cleanup  
NDEP-Las Vegas City Office

WD:jp

EC:

James Dotchin, NDEP BISC Las Vegas  
Carlton Parker, NDEP BISC Las Vegas  
Adam Baas, Edgcomb Law Group  
Allan Delorme, Ramboll Environ  
Alison Fong, U.S. Environmental Protection Agency, Region 9  
Andrew Barnes, Geosyntec  
Andrew Steinberg, Nevada Environmental Response Trust  
Anna Springsteen, Neptune & Company Inc.  
Betty Kuo Brinton, MWDH2O  
Brenda Pohlmann, City of Henderson  
Brian Waggle, Hargis + Associates  
Carol Nagai, MWDH2O  
Charles K. Hauser, Esq., Southern Nevada Water Authority  
Chris Ritchie, Ramboll Environ  
Chuck Elmendorf, Stauffer Management Company, LLC  
Dave Share, Olin  
David Johnson, Central Arizona Water Conservation District  
Dave Johnson, LVVWD  
Derek Amidon, Tetrattech  
Ebrahim Juma, Clean Water Team  
Ed Modiano, de maximis, inc.  
Eric Fordham, Geopentech  
Frank Johns, Tetrattech  
Gary Carter, Endeavour  
George Crouse, Syngenta Crop Protection, Inc.  
Harry Van Den Berg, AECOM  
Jasmine Mehta, AG Office  
Jay Steinberg, Nevada Environmental Response Trust  
Jeff Gibson, Endeavour

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Jill Teraoka, MWDH2O

Joanne Otani

Joe Kelly, Montrose Chemical Corporation of CA

Joe Leedy, Clean Water Team

John Pekala, Ramboll Environ

Katherine Baylor, U.S. Environmental Protection Agency, Region 9

Kelly McIntosh, GEI Consultants

Kevin Fisher, LV Valley Water District

Kirk Stowers, Broadbent & Associates

Kirsten Lockhart, Neptune & Company Inc.

Kim Kuwabara, Ramboll Environ

Kurt Fehling, The Fehling Group

Kyle Gadley, Geosyntec

Kyle Hansen, Tetrattech

Lee Farris, BRC

Marcia Scully, Metropolitan Water District of Southern California

Maria Lopez, Water District of Southern California

Mark Paris, Landwell

Michael J. Bogle, Womble Carlyle Sandridge & Rice, LLP

Michael Long, Hargis + Associates

Mickey Chaudhuri, Metropolitan Water District of Southern California

Nicholas Pogoncheff, PES Environmental, Inc.

Paul Black, Neptune and Company, Inc.

Paul Hackenberry, Hackenberry Associates, LLC

Patti Meeks, Neptune & Company Inc.

Peggy Roefer, CRC

Ranjit Sahu, BRC

Richard Pfarrer, TIMET

Rick Kellogg, BRC

Scott Bryan, Central Arizona Project

Steve Clough, Nevada Environmental Response Trust

Tanya O'Neill, Foley & Lardner L

Todd Tietjen, SNWA