



STATE OF NEVADA  
Department of Conservation & Natural Resources  
DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor  
Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

November 15, 2010

Matt Paque  
Tronox LLC  
PO BOX 268859  
Oklahoma City, OK 73134

Re: **Tronox LLC (TRX)**  
**NDEP Facility ID #H-000539**  
Nevada Division of Environmental Protection (NDEP) Response to:  
*Work Plan to Conduct In-Situ Permeable Reactive Barrier Pilot Test for Perchlorate-Impacted Groundwater*  
Dated: October 25, 2010

Dear Mr. Paque,

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

1. Section 3.1.2, page 7, goals for study, 1<sup>st</sup> bullet, TRX states, "Establish the change in ORP by adding an organic electron-donor substrate..." TRX should note that the organic electron donor in these tests must be EOS to replicate conditions in the field pilot test.

Please contact the undersigned with any questions at [sharbour@ndep.nv.gov](mailto:sharbour@ndep.nv.gov) or 775-687-9332.

Sincerely,

Shannon Harbour, P.E.  
Staff Engineer III  
Bureau of Corrective Actions  
Special Projects Branch  
NDEP-Carson City Office  
Fax: 775-687-8335

SH:sh

EC: Jim Najima, Bureau of Corrective Actions, NDEP  
Greg Lovato, Bureau of Corrective Actions, NDEP  
William Knight, Bureau of Corrective Actions, NDEP  
Brenda Pohlmann, City of Henderson  
Mitch Kaplan, U.S. Environmental Protection Agency, Region 9  
Jay A. Steinberg, Tronox Henderson Trust



Allan Delorme, ENVIRON  
Mike Skromyda, Tronox LLC  
Michael J. Foster, Tronox LLC  
Keith Bailey, Environmental Answers LLC  
Susan Crowley, Tronox LLC (Contractor)  
Deni Chambers, Northgate Environmental  
Brian Rakvica, McGinley and Associates  
Joe McGinley, McGinley & Associates  
Barry Conaty, Holland & Hart LLP  
Ranajit Sahu, BRC  
Rick Kellogg, BRC  
Lee Farris, BRC  
Mark Paris, Landwell  
Craig Wilkinson, TIMET  
Kirk Stowers, Broadbent & Associates  
Victoria Tyson, Tyson Contracting  
George Crouse, Syngenta Crop Protection, Inc.  
Nick Pogoncheff, PES Environmental  
Lee Erickson, Stauffer Management Company  
Michael Bellotti, Olin Corporation  
Curt Richards, Olin Corporation  
Paul Sundberg, Montrose Chemical Corporation  
Joe Kelly, Montrose Chemical Corporation of CA  
Jeff Gibson, AMPAC  
Larry Cummings, AMPAC  
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CC: Susan Crowley, C/O Tronox LLC, PO Box 55, Henderson, NV 89009  
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