

**OFFICE OF THE NEVADA ENVIRONMENTAL RESPONSE TRUST TRUSTEE**

**Le Petomane XXVII, Inc., Not Individually, But Solely as the Nevada Environmental Response Trust Trustee  
35 East Wacker Drive - Suite 690  
Chicago, Illinois 60601  
Tel: (702) 960-4309**

October 8, 2018

Dr. Weiquan Dong, Ph.D.  
Bureau of Industrial Site Cleanup  
Nevada Division of Environmental Protection  
2030 E. Flamingo Rd, Suite 230  
Las Vegas NV 89119

RE: Data Validation Summary Report and EDD October through December 2014 Soil Remedial Investigation Sampling Response to Comments and Revised DVSR, Revision 2  
Nevada Environmental Response Trust  
Henderson, Nevada

Dear Dr. Dong:

The Nevada Environmental Response Trust (NERT) is pleased to present the October through December 2014 Soil Remedial Investigation Sampling Response to Comments and Revised DVSR for Nevada Division of Environmental Protection (NDEP) review. This information is being submitted as requested in your letter dated August 8, 2018. NERT's responses to the NDEP comments are provided in Attachment A. A revised DVSR and EDD are also attached.

If you have any questions or concerns regarding this matter, feel to contact me at (702) 960-4309 or at [steve.clough@nert-trust.com](mailto:steve.clough@nert-trust.com).

Office of the Nevada Environmental Response Trust



Stephen R. Clough, P.G., CEM  
Remediation Director  
CEM Certification Number: 2399, exp. 3/24/19

Cc (via NERT Sharefile Distribution):

Jeff Kinder, NDEP, Deputy Administrator  
James Dotchin, NDEP, Chief, Bureau of Industrial Site Cleanup  
Carlton Parker, NDEP, Bureau of Industrial Site Cleanup  
Weiquan Dong, NDEP, Bureau of Industrial Site Cleanup  
Alan Pineda, NDEP, Bureau of Industrial Site Cleanup  
Christa Smaling, NDEP, Bureau of Industrial Site Cleanup  
Frederick Perdomo, Nevada Attorney General's Office  
Alison Fong, U.S. Environmental Protection Agency, Region 9  
Mark Duffy, U.S. Environmental Protection Agency, Region 9  
Jay Steinberg, as President of the Nevada Environmental Response Trust Trustee and not individually  
Andrew Steinberg, as Vice President of the Nevada Environmental Response Trust Trustee and not individually  
Brian Loffman, Le Petomane, Inc.

Office of the Nevada Environmental Response Trust Trustee  
October 8, 2018

Tanya C. O'Neill, Foley and Lardner, LLP  
Allan DeLorme, Ramboll  
John Pekala, Ramboll  
Kim Kuwabara, Ramboll  
Dan Pastor, Tetra Tech  
David Bohmann, Tetra Tech

Cc (via NERT Stakeholder Sharefile Distribution):

Betty Kuo, Metropolitan Water District of Southern California  
Brenda Pohlmann, City of Henderson  
Carol Nagai, Metropolitan Water District of Southern California  
Dave Johnson, LV Valley Water District  
David Parker, Central Arizona Project  
Eric Fordham, Geopentech  
Jill Teraoka, Metropolitan Water District of Southern California  
Kevin Fisher, LV Valley Water District  
Marcia Scully, Metropolitan Water District of Southern California  
Maria Lopez, Metropolitan Water District of Southern California  
Mickey Chaudhuri, Metropolitan Water District of Southern California  
Orestes Morfin, Central Arizona Project  
Peggy Roefer, Colorado River Commission  
Steven Anderson, LV Valley Water District  
Todd Tietjen, Southern Nevada Water Authority

Cc (via NERT BMI Companies Sharefile Distribution):

Anna Springsteen, Neptune Inc.  
Kirk Stowers, Broadbent Inc.  
Kristen Lockhart, Neptune Inc.  
Kurt Fehling, The Fehling Group  
Patti Meeks, Neptune Inc.  
Paul Black, Neptune Inc.  
Paul S. Hackenberry, Hackenberry Associates  
John Edgcomb, Edgcomb Law Group  
Andrew Barnes, Geosyntec  
Brian Waggle, Hargis + Associates  
Chinny Esakkiperumal, Olin Corporation  
Chuck Elmendorf, Stauffer  
Curt Richards, Olin Corporation  
Dave Share, Olin Corporation  
Ebrahim Juma, Clean Water Team  
Ed Modiano, de maximus  
Gary Carter, Endeavour LLC  
George Crouse, Syngenta  
Harry Van Den Berg, AECOM  
Jeff Gibson, Endeavour LLC  
Joanne Otani, Joanne M. Otani LLC  
Joe Kelly, Montrose Chemical  
Joe Leedy, Clean Water Team  
Kelly McIntosh, GEI Consultants  
Kevin Lombardozzi, Valhi  
Kyle Gadley, Geosyntec  
Lee C. Farris, Landwell  
Mark Paris, Landwell  
Michael Bogle, Womble Carlyle Sandridge & Rice, LLP  
Michael Long, Hargis + Associates

Office of the Nevada Environmental Response Trust Trustee  
October 8, 2018

Nick Pogoncheff, PES Environmental, Inc.  
Ranajit Sahu, BRC  
Richard Pfarrer, TIMET  
Rick Kellogg, BRC  
Jack Luna, EMD  
John Holmstrom, EMD  
Mike Skromyda, EMD

**Attachment A**

**Response to NDEP Comments**

NDEP Comment	Response to Comment
<b>DVSR Comment</b>	
<p>1. <u>Sections 2 and 3, duplicate results</u>: Samples that were analyzed by both 8270 and 8270C SIM have duplicate results for the PAHs. Also, samples that were analyzed by 8260 and 8270 have duplicate results for 1,2,4-trichlorobenzene; 1,2-dichlorobenzene; 1,3-dichlorobenzene; 1,4-dichlorobenzene; hexachlorobutadiene; and naphthalene. Using the validator's professional judgment, reject one set of duplicate results, leaving only one valid value for each analyte, for each sample. Please add text to this section to describe the qualifications and the logic behind the professional judgment.</p> <p><u>NERT Response</u>: Results for PAHs that have been analyzed by methods 8270 and 8270C SIM and results for 1,2,4-trichlorobenzene; 1,2-dichlorobenzene; 1,3-dichlorobenzene; 1,4-dichlorobenzene; hexachlorobutadiene; and naphthalene analyzed by 8260 and 8270 were validated as part of this data set. Both sets of results were determined to be valid as a result of the data validation; therefore, both sets have been included in the DVSR. The decision on usability will be reserved for the data end user as part of the data evaluation.</p> <p><u>NDEP/Neptune Response</u>: Per a May 29, 2018 letter to Stauffer Management Company, Montrose Chemical Corporation and Olin Corporation, in response to an equivalent request, NDEP requested one value for each analyte be reported in the EDD. (This is consistent with current DVSR guidance.) The letter notes that justification for the choice is to be provided as needed; however, NDEP DVSR guidance (previous and current) requires the reasoning behind professional judgement be documented in the DVSR. Please revise the EDD and DVSR text to report one value for these duplicated analytes and to describe the reasoning behind the values chosen. Results can be rejected or qualified "DNR."</p>	<p>The DVSR and EDD have been revised so each sample has only one reported value per parameter. When a sample has a parameter analyzed by two or more methods, only one result is reported and the other results are flagged "DNR" (Do Not Report) with a reason code of "orr" (other result reported). In the revised EDD, non-selected results have "DNR" included in the final_validation_qualifier column.</p> <p>In the DVSR, the following paragraph was added to Section 2.0 Volatile Organic Compounds to explain the DNR qualifications and reasoning for the values chosen.</p> <p>When an individual sample had multiple valid results for a given analyte and filtered flag, a single result was selected based on the following priority: a result obtained by Method 8270C was chosen over a result from Method 8260B, as the larger sample volume required by SW8270 is typically more representative of the source material. Non-selected results were flagged "DNR" with the reason code "orr" (other result reported). Of the 19,947 results, 41 were qualified DNR due to multiple results reported for a given analyte.</p> <p>In the DVSR, the following paragraph was added to Section 3.0 Semivolatile Organic Compounds to explain the DNR qualifications and reasoning for the values chosen.</p> <p>When an individual sample had multiple valid results for a given analyte and filtered flag, a single result was selected based on the following priority: a result obtained by Method 8270C-SIM was chosen over a result from Method 8270C (non-SIM), due to the lower detection limits of Method 8270C-SIM. Non-selected results were flagged "DNR" with the reason code "orr" (other result reported). Of the 5,290 results, 1,306 were qualified DNR due to multiple results reported for a given analyte.</p> <p>Additional text, consistent with these revisions above, was added to the DVSR Sections 2.0 and 3.0 for further clarity.</p>

**DVSR and EDD October through December 2014 Soil Remedial Investigation Sampling RTC and Revised DVSR, Revision 2**

**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:** 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:** October 4, 2018

DVSR and EDD October through December 2014 Soil  
Remedial Investigation Sampling RTC and Revised DVSR, Revision 2  
Nevada Environmental Response Trust Site  
Henderson, Nevada

## **DVSR and EDD October through December 2014 Soil Remedial Investigation Sampling RTC and Revised DVSR, Revision 2**

**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.



October 4, 2018

**John M. Pekala, PG  
Principal**

Date

Certified Environmental Manager  
Ramboll Environ US Corporation  
CEM Certificate Number: 2347  
CEM Expiration Date: September 20, 2020

The following individuals provided input to this document:

Kristin Drucquer  
Jon Hunt, PhD  
Craig Knox

