

Prepared for  
**Nevada Environmental Response Trust**  
**Henderson, Nevada**

Prepared by  
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**Emeryville, California**

Project Number  
**1690006941**

Date  
**September 2018**

# **COMPILATION OF SELECT HEALTH RISK ASSESSMENT DOCUMENTS FOR PARCEL F: 2008 TO 2018**

**NEVADA ENVIRONMENTAL RESPONSE TRUST  
HENDERSON, NEVADA**

## Contents

Tab	Document Type and Date	Document Author and Title
1	<b>Closure and Post-Remediation Screening Soil HRA</b> December 10, 2010	<b>Northgate Environmental Management, Inc. (Northgate) and Exponent, Inc. (Exponent)</b> Closure and Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Tronox LLC, Henderson, Nevada
2	<b>NDEP Comments</b> May 19, 2011	<b>Nevada Division of Environmental Protection (NDEP)</b> NDEP Response to: Closure and Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Tronox LLC, Henderson, Nevada; Dated December 10, 2010
3	<b>Revised Closure and Post-Remediation Screening Soil HRA</b> May 18, 2012	<b>Northgate</b> Revised Closure and Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Nevada Environmental Response Trust Site, Henderson, Nevada
4	<b>NDEP Comments</b> August 7, 2012	<b>NDEP</b> NDEP Response to: Revised Closure and Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated May 18, 2012
5	<b>Post-Remediation Screening Soil HRA, Revision 2</b> June 27, 2013	<b>Northgate</b> Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Revision 2, Nevada Environmental Response Trust Site, Henderson, Nevada
6	<b>NDEP Comments</b> September 30, 2013	<b>NDEP</b> NDEP Response to: Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Revision 2, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated June 27, 2013.
7	<b>RTCs</b> December 20, 2013	<b>ENVIRON International Corporation (ENVIRON)</b> Response to NDEP September 30, 2013 Comments on Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Revision 2, June 27, 2013 Response to NDEP September 30, 2013 Comments on DVSR, Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Revision 2, June 27, 2013
8	<b>Post-Remediation Screening Soil HRA, Revision 3</b> June 19, 2014	<b>Northgate</b> Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Revision 3, Nevada Environmental Response Trust Site, Henderson, Nevada

<b>Tab</b>	<b>Document Type and Date</b>	<b>Document Author and Title</b>
9	<b>NDEP Comments</b> May 6, 2015	<b>NDEP</b> NDEP Response to: Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Revision 3, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated June 19, 2014.
10	<b>Soil Gas HRA</b> July 25, 2013	<b>ENVIRON</b> Soil Gas Investigation Report and Health Risk Assessment for Parcels C, D, F, G and H, Revision 0, Nevada Environmental Response Trust Site, Henderson, Nevada
11	<b>NDEP Comments</b> October 7, 2013	<b>NDEP</b> NDEP Response to: Soil Gas Investigation Report and Health Risk Assessment for Parcels C, D, F, G and H, Revision 0, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated July 25, 2013.
12	<b>RTC</b> November 22, 2013	<b>ENVIRON</b> Response to: NDEP October 7, 2013 Comments on the Soil Gas Investigation Report and Health Risk Assessment for Parcels C, D, F, G and H, Revision 0, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated July 25, 2013.
13	<b>NDEP Approval on RTC</b> December 9, 2013	<b>NDEP</b> NDEP Response to: NERT Response to NDEP October 7, 2013 Comments on the Soil Gas Investigation Report and Health Risk Assessment for Parcels C, D, F, G and H, Revision 0, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated July 25, 2013.
14	<b>Soil Gas HRA, Revision 1</b> September 23, 2016	<b>Ramboll Environ</b> Soil Gas Investigation Report and Health Risk Assessment for Parcels C, D, F, G and H, Revision 1, Nevada Environmental Response Trust Site, Henderson, Nevada
15	<b>NDEP Comments</b> January 12, 2017	<b>NDEP</b> NDEP Response to: Soil Gas Investigation Report and Health Risk Assessment for Parcels C, D, F, G and H, Revision 1, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated September 23, 2016.
16	<b>HRA for F</b> December 15, 2017	<b>Ramboll Environ</b> Health Risk Assessment Report for Parcel F, Nevada Environmental Response Trust Site, Henderson, Nevada
17	<b>NDEP Approval</b> February 1, 2018	<b>NDEP</b> NDEP Response to: Health Risk Assessment Report for Parcel F, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated: December 15, 2017

<b>Tab</b>	<b>Document Type and Date</b>	<b>Document Author and Title</b>
18	<b>RTC</b> February 27, 2018	<b>Ramboll</b> Response to February 1, 2018 Comments from NDEP on the December 15, 2017 Health Risk Assessment for Parcel F, Nevada Environmental Response Trust Site, Henderson, Nevada
19	<b>Soil DVSR</b> March 28, 2008	<b>ERM-West, Inc. (ERM-West)</b> Data Validation Summary Report, Tronox Parcels C, D, F, and G Investigation, November 2007, BMI Industrial Complex, Clark County, Nevada.
20	<b>NDEP Approval</b> April 3, 2008	<b>NDEP</b> NDEP Response to: Data Validation Summary Report for the Tronox Parcels C, D, F, and G Investigation, November 2007, BMI Industrial Complex, Clark County, Nevada; Dated: March 28, 2008
21	<b>Supplemental Soil DVSR</b> January 7, 2009	<b>ERM-West</b> Data Validation Summary Report, Tronox Parcels C, D, F, G and H Supplemental Investigations-June-July 2008, BMI Industrial Complex, Clark County, Nevada.
22	<b>NDEP Approval</b> January 12, 2009	<b>NDEP</b> NDEP Response to: Data Validation Summary Report, Tronox Parcels C, D, F, G and H Supplemental Investigations-June-July 2008, BMI Industrial Complex, Clark County, Nevada; Dated: January 7, 2009
23	<b>Soil Confirmation DVSR</b> June 15, 2010	<b>Northgate</b> Data Validation Summary Report, Parcel "C", "D", "F", "G" and "H" Soil Confirmation, Tronox LLC, Henderson Nevada
24	<b>NDEP Comments</b> July 6, 2010	<b>NDEP</b> NDEP Response to: Data Validation Summary Report, Parcel "C", "D", "F", "G", and "H" Soil Confirmation, Tronox LLC, Henderson, Nevada; Dated: June 15, 2010
25	<b>RTC and Revised EDD</b> July 21, 2010	<b>Northgate</b> Response to NDEP's July 6, 2010 Comments and Revised Electronic Data Deliverable for Data Validation Summary Report: Parcel "C", "D", "F", "G" and "H" Soil Confirmation, Tronox LLC, Henderson Nevada
26	<b>NDEP Approval</b> July 28, 2010	<b>NDEP</b> NDEP Response to: Revised Electronic Data Deliverable for Data Validation Summary Report: Parcel "C", "D", "F", "G" and "H" Soil Confirmation, Tronox LLC, Henderson Nevada; Dated: July 21, 2010

<b>Tab</b>	<b>Document Type and Date</b>	<b>Document Author and Title</b>
27	<b>Soil Asbestos DVSR</b> February 10, 2014	<b>Neptune and Company, Inc (Neptune)</b> Data Validation Summary Report for Asbestos Data Associated with the Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G, and H, Nevada Environmental Response Trust
28	<b>Responses</b> June 19, 2014	<b>ENVIRON</b> Response to Issues Identified in: Data Validation Summary Report for Asbestos Data Associated with the Post-Remediation Screening Health Risk Assessment Report for Parcels C, D, F, G and H, Nevada Environmental Response Trust, by Neptune; Dated February 10, 2014
29	<b>Remedial Investigation Sampling DVSR</b> October 27, 2017	<b>Ramboll Environ</b> Data Validation Summary Report, Parcel F Health Risk Assessment Soil Remedial Investigation Sampling, April 2017, Nevada Environmental Response Trust, Henderson, Nevada.
30	<b>NDEP Comments</b> November 27, 2017	<b>NDEP</b> NDEP Response to: Data Validation Summary Report and EDD for Parcel F Health Risk Assessment Remedial Investigation Sampling April 2017, Nevada Environmental Response Trust, Henderson, Nevada; Dated: October 27, 2017
31	<b>RTC</b> December 22, 2017	<b>Ramboll Environ</b> Response to NDEP Comments on the Parcel F Health Risk Assessment DVSR, Nevada Environmental Response Trust, Henderson, Nevada
	<b>Remedial Investigation Sampling DVSR, Revision 1</b> December 22, 2017	<b>Ramboll Environ</b> Data Validation Summary Report for Parcel F Health Risk Assessment Remedial Investigation Sampling April 2017 Revision 1, Nevada Environmental Response Trust, Henderson, Nevada
32	<b>NDEP Comments</b> December 27, 2017	<b>NDEP</b> NDEP Response to: Data Validation Summary Report for Parcel F Health Risk Assessment Remedial Investigation Sampling April 2017 Revision 1, Nevada Environmental Response Trust, Henderson, Nevada; Dated: December 22, 2017
33	<b>RTC and Remedial Investigation Sampling DVSR, Revision 2</b> February 13, 2018	<b>Ramboll</b> Data Validation Summary Report Parcel F Health Risk Assessment Remedial Investigation Sampling April 2017, Revision 2 and Associated Response to Comments
34	<b>NDEP Approval</b> March 22, 2018	<b>NDEP</b> NDEP Response to: Data Validation Summary Report Parcel F Health Risk Assessment Remedial Investigation Sampling April 2017, Revision 2 and Associated Response to Comments; Dated: February 13, 2018

<b>Tab</b>	<b>Document Type and Date</b>	<b>Document Author and Title</b>
35	<b>2008 Soil Gas DVSR</b> October 13, 2008	<b>ENSR</b> Revised Data Validation Summary Report, Phase B Source Area Investigation Soil Gas Survey – Tronox LLC Facility, Henderson, Nevada.
36	<b>NDEP Approval</b> October 20, 2008	<b>NDEP</b> NDEP Response to: Revised Data Validation Summary Report (DVSR), Phase B Source Area Investigation Soil Gas Survey – Tronox LLC Facility, Henderson, Nevada; Dated October 13, 2008.
37	<b>2013 Soil Gas DVSR</b> September 22, 2016	<b>LDC</b> Data Validation Summary Report and EDD for March 2013 Soil Gas Sampling, Nevada Environmental Response Trust (NERT), Henderson, Nevada.
38	<b>NDEP Comments on 2013 Soil Gas DVSR</b> December 5, 2017	<b>NDEP</b> NDEP Response to: Data Validation Summary Report and EDD for March 2013 Soil Gas Sampling, Nevada Environmental Response Trust (NERT), Henderson, Nevada. Dated: September 22, 2016
39	<b>2013 Soil Gas DVSR, Revision 1</b> December 20, 2017	<b>LDC</b> Data Validation Summary Report and EDD for March 2013 Soil Gas Sampling Revision 1, Nevada Environmental Response Trust, Henderson, Nevada.
40	<b>NDEP Comments on 2013 Soil Gas DVSR, Revision 1</b> February 5, 2018	<b>NDEP</b> NDEP Response to: Data Validation Summary Report and EDD for March 2013 Soil Gas Sampling Revision 1, dated December 20, 2017.
41	<b>2013 Soil Gas DVSR, Revision 2 and RTC</b> February 28, 2018	<b>LDC</b> Data Validation Summary Report for March 2013 Soil Gas Sampling Revision 2, Nevada Environmental Response Trust, Henderson, Nevada.
42	<b>NDEP Approval on 2013 Soil Gas DVSR, Revision 2</b> March 5, 2018	<b>NDEP</b> NDEP Response to: Data Validation Summary Report for March 2013 Soil Gas Sampling Revision 2, Nevada Environmental Response Trust, Henderson, Nevada.
43	<b>2006 Phase A Groundwater DVSR</b> September 27, 2007	<b>ENSR</b> Appendix E Data Validation Summary Report of the Source Area Phase A Investigation Report, Tronox LLC, Henderson, Nevada.

<b>Tab</b>	<b>Document Type and Date</b>	<b>Document Author and Title</b>
44	<b>NDEP Approval on 2006 Phase A Report with DVSR</b> November 30, 2007	<b>NDEP</b> NDEP Response to: Phase A Source Area Investigation Report – Tronox LLC Facility, Henderson, Nevada; Dated September 27, 2008.
45	<b>Phase B Groundwater DVSR</b> April 7, 2010	<b>Tronox</b> Revised Data Validation Summary Report, Phase B Investigation Groundwater, Tronox LLC (TRX); NDEP Facility ID #H-000539.
46	<b>NDEP Approval on Phase B Groundwater DVSR</b> April 14, 2010	<b>NDEP</b> NDEP Response to: Revised Data Validation Summary Report, Phase B Investigation Groundwater, Tronox LLC (TRX); NDEP Facility ID #H-000539; Dated April 7, 2010.
47	<b>RI Phase 1 Groundwater DVSR</b> February 6, 2018	<b>LDC</b> Phase 1 Remedial Investigation Data Validation Summary Report and Electronic Data Deliverable for Groundwater Data, Nevada Environmental Response Trust, Henderson, Nevada.
48	<b>NDEP Comments on RI Phase 1 Groundwater DVSR</b> April 27, 2018	<b>NDEP</b> NDEP Response to: Data Validation Summary Report and EDD January through March and May 2015 Groundwater Remedial Investigation Sampling, Nevada Environmental Response Trust (NERT), Henderson, Nevada; Dated February 6, 2018.
49	<b>Revised RI Phase 1 Groundwater DVSR</b> June 22, 2018	<b>LDC</b> Data Validation Summary Report and EDD January through March and May 2015 Groundwater Remedial Investigation Sampling Response to Comments and Revised DVSR, Nevada Environmental Response Trust (NERT), Henderson, Nevada.
50	<b>NDEP Approval on Revised RI Phase 1 Groundwater DVSR</b> August 14, 2018	<b>NDEP</b> NDEP Response to: Data Validation Summary Report and EDD January through March and May 2015 Groundwater Remedial Investigation Sampling Response to Comments and Revised DVSR and NERT’s Responses to the NDEP Comments; Dated June 8 and June 22, 2018
51	<b>2017 Annual Performance Sampling DVSR</b> November 28, 2017 (Submitted on December 8, 2017)	<b>LDC</b> Data Validation Summary Report, Annual Remedial Performance Sampling January through June 2017 and Artesian Well Sampling August 2017, Nevada Environmental Response Trust (NERT), Henderson, Nevada

<b>Tab</b>	<b>Document Type and Date</b>	<b>Document Author and Title</b>
52	<b>NDEP Comments on 2017 Annual Performance Sampling DVSR</b> December 19, 2017	<b>NDEP</b> NDEP Response to: Data Validation Summary Report, Annual Remedial Performance Sampling January through June 2017 and Artesian Well Sampling August 2017 (Revision 0), Nevada Environmental Response Trust (NERT), Henderson, Nevada Dated November 28 (Submitted on December 8, 2017).
53	<b>2017 Annual Performance Sampling DVSR Revision 1</b> February 1, 2017 (Submitted on February 13)	<b>LDC</b> Data Validation Summary Report Revision 1, Annual Remedial Performance Sampling January through June 2017 and Artesian Well Sampling August 2017, Nevada Environmental Response Trust (NERT), Henderson, Nevada
54	<b>NDEP Approval on 2017 Annual Performance Report</b> March 5, 2018	<b>NDEP</b> NDEP Response to: Data Validation Summary Report, Annual Remedial Performance Sampling January through June 2017 and Artesian Well Sampling August 2017, Revision 1 and Associated EDD, Response to comments. Dated February 1, 2018.

**Notes:**

DVSR = Data Validation  
Summary Report

EDD = Electronic Data

Deliverable

HRA = Health risk assessment

RTCs = Response to comments



Compilation of Select Health Risk Assessment Documents for Parcel F: 2008 to 2018, and  
Request for a No Further Action Determination  
Nevada Environmental Response Trust  
Henderson, Nevada

**Compilation of Select Health Risk Assessment Documents for  
Parcel F: 2008 to 2018,  
and Request for a No Further Action Determination**

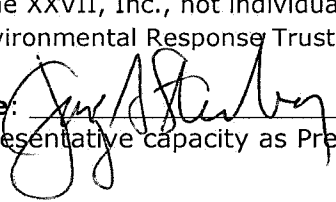
**Nevada Environmental Response Trust  
(Former Tronox LLC Site)  
Henderson, Nevada**

**Nevada Environmental Response Trust (Trust) 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 the Trust. 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:**  \_\_\_\_\_, not individually, but solely in his representative capacity as President of the Nevada Environmental Response Trust Trustee

**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:** \_\_\_\_\_ 9/28/18