

**From:** Deni Chambers, CEM  
Ted Splitter, PE, CEM

**Date:** January 27, 2011

**To:** Shannon Harbour, PE  
Nevada Division of Environmental Protection

**RE:** Schedule for Stained Area Confirmation Sampling  
Tronox Henderson Remediation Project, Henderson, Nevada

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On behalf of Tronox LLC, Northgate Environmental Management, Inc. presents this memorandum containing our estimated schedule for performing confirmation sampling in the remediated areas where stained soils were encountered and removed. A figure showing locations of the stained soils is attached.

The remediation of stained soils began in the northwest corner of Remediation Zone (RZ) –D. Remediation is currently in progress in that area, as well as other areas of the facility. Based on the extent of the stained soils and the progress of remediation, Northgate expects to complete the remediation and perform the confirmation sampling by the dates noted below:

<u>Remediation Zone</u>	<u>Estimated Confirmation Sampling Date</u>
RZ-D	Week of February 7, 2011
RZ-E	Week of February 14, 2011
RZ-C	Week of February 14, 2011
RZ-B	Remediation Complete - No Sampling Required

In RZ-B, stained soil was found in a utility corridor. The stained soil has been completely removed and the bottom and sides of the corridor are concrete.

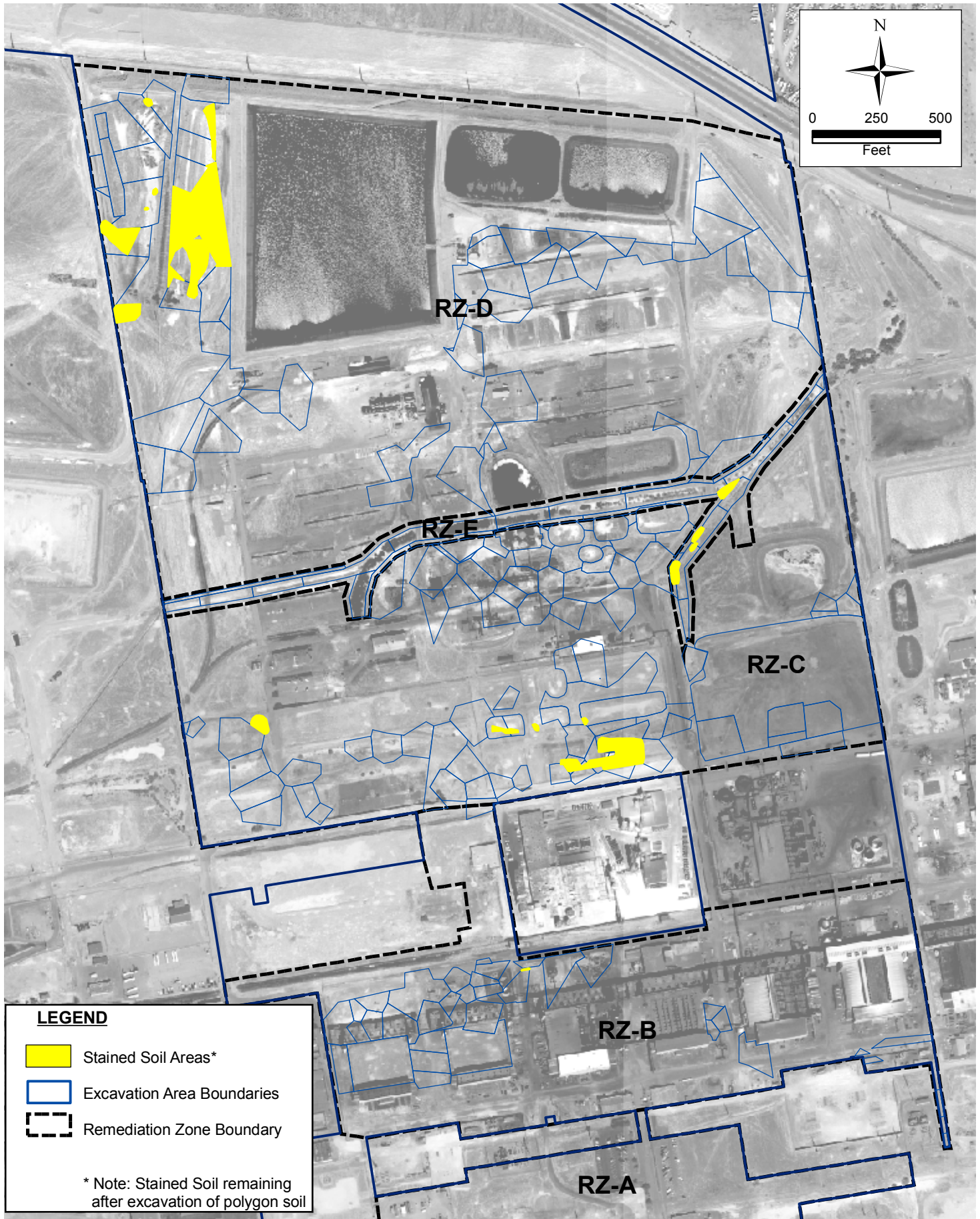
Northgate will collect confirmation samples following removal of the stained soil. One sample will be collected per 100-foot by 100-foot area. Samples will be collected at the bottom of the excavation in the 0.0 to 1.0-foot depth range. Sample analyses will be based on the constituents in the immediate and adjacent polygon remediation areas. Confirmation samples in the diesel impacted soil area identified in RZ-C will be analyzed for semi-volatile organic compounds.



Work will be conducted following the standard operating procedures used during the Phase B Investigation. Confirmation sampling locations will be surveyed to document the final sample location and elevation. All field, laboratory, and survey data will be presented in the closure reports.

Please contact us if you have any questions on this matter.





**LEGEND**

- Stained Soil Areas\*
- Excavation Area Boundaries
- Remediation Zone Boundary

\* Note: Stained Soil remaining after excavation of polygon soil

SHEET NUMBER	1
FIGURE NUMBER	1

VISUALLY IMPACTED AREAS SUBJECT TO CONFIRMATION SAMPLING		
Tronox LLC Henderson, Nevada		
SCALE: 1 in = 500 ft	DATE: 01/27/2011	PROJECT NUMBER: 2027.07 T21

	DESIGNED BY:			
	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY:				
CHECKED BY:				
APPROVED BY:				

**northgate**  
environmental management, inc.  
**TRONOX** ngem.com