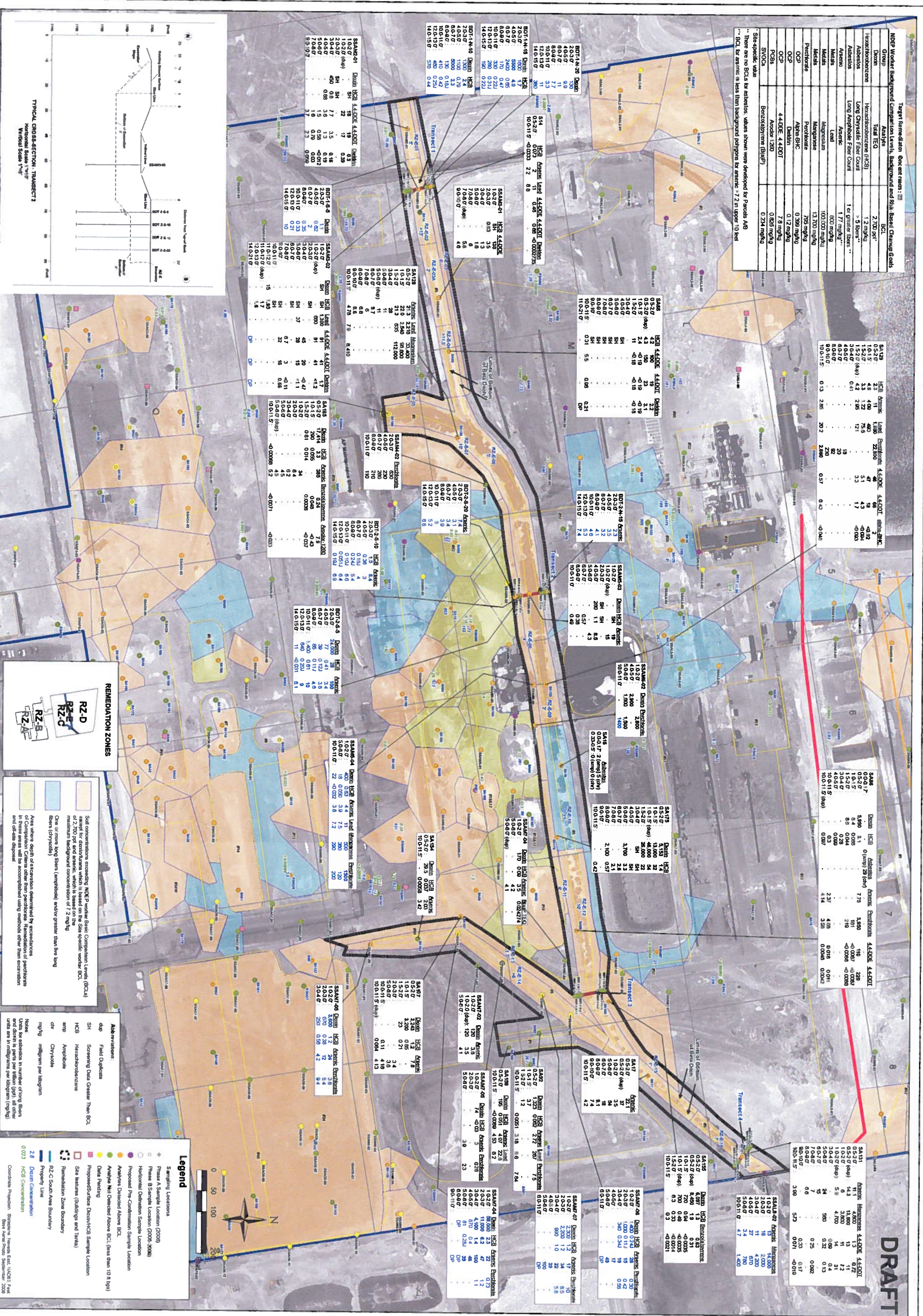


Target Remedial Action Objectives (RAOs) - Groundwater

Group	Analyte	RAO
NDEP Worker Background Completion Levels, Background and Risk Based Cleanup Goals	Asbestos	2.00 per'
	Hexachlorobenzene	1.20 mg/kg
	Asbestos	1.20 mg/kg
	Long Chain Alkylbenzene	> 5 lbs/yr
	Asbestos	1.20 mg/kg
	Asbestos	1.20 mg/kg
	Asbestos	1.20 mg/kg
	Asbestos	1.20 mg/kg
	Asbestos	1.20 mg/kg
	Asbestos	1.20 mg/kg
Site-specific values	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg
	Asbestos	0.234 mg/kg

There are no BCLs for asbestos. Values shown were developed for Project A/B. BCL for asbestos is less than background polygons for arsenic - 7.2 in upper 10 feet.



DRAFT



REMEDIATION ZONES

Soil concentrations exceeding NDEP worker Basic Completion Levels (BCL) of 2,700 ppt and arsenic, which is based on the maximum background concentration of 1.2 mg/kg. One or more long fibers (amphibole) and/or greater than the long fibers (chrysotile).

Area where depth of excavation determined by concentrations of Contaminants other than petroleum. Remediation of petroleum and other contaminants is accomplished using methods other than excavation and off-site disposal.

Abbreviations:

SH Field Objective
SH Screening Data Greater Than BCL
HCB Hexachlorobenzene
amp Amphibole
chrys chrysotile
mg/kg milligram per kilogram

Note: Units for asbestos in number of long fibers and fibers in parts per million (ppt) all other units are in milligrams per kilogram (mg/kg)

Legend

Sampling Locations
Phase A Sample Location (0208)
Phase B Sample Location (0208-2008)
Horizontal Orientation Sample Location
Proposed Pre-Construction Sample Location
Analysis Not Conducted Above BCL (less than 101 Bq)Data Pending
Remediation Zone Boundary
Property Line
RZ-C South Area Boundary
HCB Concentration

RZ-E EXCAVATION AREA AND NATURE AND EXTENT OF CONTAMINATION

RZ-E Excavation Plan
Tronox LLC
Henderson, Nevada

SCALE: 1 in = 100 ft
DATE: 11/03/10
PROJECT NUMBER: 2027.01 T90

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

northgate
environmental management, inc.

TRONOX

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