



Target Remediation Concentrations

Group	Analyte	BCI
NDEP Worker Background Comparison Levels, Background and Risk-Based Cleanup Goals	Total TEQ	2.700 ppt
	Hexachlorobenzene	1.2 mg/kg
Asbestos	Long Chain/Endemic Fiber Count	5 fibers**
	Long Amphibole Fiber Count	1 or greater fibers**
Metals	Asbestos	1.77 mg/kg**
	Cadmium	331 mg/kg
Metals	Lead	600 mg/kg
	Magnesium	100,000 mg/kg
Pesticides	Malathion	1.3,700 mg/kg
	Permethrin	765 mg/kg
PAHs	BaP	0.224 mg/kg
	BaA	

Notes:
 ** There are no BCLs for asbestos, values shown were developed for Permits AB and BC. For asbestos is less than background (polygons for asbestos: 7' x 7' in upper 10' hole)

Soil concentrations exceeding NDEP worker Risk-Based Cleanup Goals (RBCGs) of 2,700 ppt and arsenic, which is based on the maximum background concentration of 7.2 mg/kg. One or more long fibers (amphibole) and/or greater than five long fibers (chrysotile).

Areas where depth of excavation determined by concentrations of Completion Criteria other than pesticides. Remediation in pesticides and other areas will be accomplished using methods other than excavation and off-site disposal.

Abbreviations:

dcp Field Duplicate
 DP Data Pending
 NA Not Analyzed
 SH Screening Data Greater Than BCL
 SI Screening Data Less Than BCL
 Dioxin Dioxin/Furan Toxicity Equivalences (TEQ)
 HCB Hexachlorobenzene
 amp Amp
 Crys Chrysotile
 BaP/BaA Benzo(a)pyrene/ Benzo(a)anthracene (TEQ)

Units for asbestos in number of long fibers and dioxin is parts per billion (ppt), all other units are in milligrams per kilogram (mg/kg)

UCD Water Remediation Zone C (RZ-C)
 UCD 1 - 0.5' to 2' Fine and Associated Compromise Pathways
 UCD 2 - 0.5' to 2' Fine and Associated Compromise Pathways
 UCD 3 - 0.5' to 2' Fine and Associated Compromise Pathways
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Legend

Sampling Locations
 Phase A Sample Location (2009)
 Phase B Sample Location (2008-2009)
 Horizontal Orientation Sample Location
 Proposed Pre-Confirmation Sample Location
 Analyzed Above BCL
 Analyzed Not Disclosed Above BCL (less than 10 ft bag)
 Data Pending
 Site Features (Buildings and Trees)
 Remediation Zone Boundary
 RZ-C South Area Boundary
 Property Line
 Coordinate Projection: StatePlane Nevada East, UTM32, Feet
 Date: 10/12/2010 10:58:00 AM

REMEDATION ZONE C-EAST EXCAVATION
 RZ-C Excavation Plan
 Tronox LLC
 Henderson, Nevada

DESIGNED BY: NGEM
 DRAWN BY: OS
 CHECKED BY: NGEM
 APPROVED BY: NGEM

REVISIONS			
NO.	DESCRIPTION	DATE	BY

SCALE: 1 in = 80 ft

DATE: 10/12/10

PROJECT NUMBER: 2027.01 T90

FIGURE NUMBER: 2C
 SHEET NUMBER: 1

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