

### Polygon Interpolation Areas (Soil <10 ft bgs)

- Polygon area based on single sample location above Criteria 1\*
- 1 Long Amphibole Fiber with no other risk drivers
- Polygon area based on single sample location above Criteria 2\*

\*See Figure 4-1 for definitions of Criteria 1 and Criteria 2

**DRAFT**

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http://www.ngem.com

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**SOIL SUBAREA 1 - EFFLUENT TRADE POND**  
Tronox Facility  
Henderson, Nevada

PROJECT NUMBER: 2027.01

DATE: 01/29/10

SCALE: AS SHOWN

FIGURE NUMBER:  
**4-2**

SHEET NUMBER:  
**1**

### LEGEND

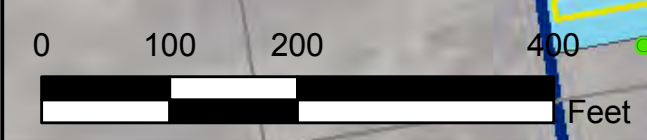
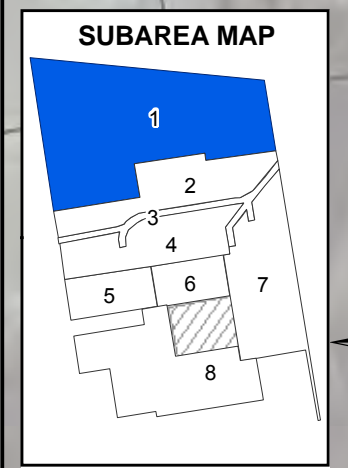
- ChemStar Property
- GW-11, WC-West and WC-East Ponds
- Site features (Buildings and Tanks)
- Subarea Boundary
- LOU Boundaries
- Analytes Not Detected Above BCL  
Phase A Sample Location (2006)  
Phase B Sample Location (2008-2009)
- Analytes Detected Above BCL  
Phase A Sample Location (2006)  
Phase B Sample Location (2008-2009)
- Impacted by compounds that exceed BCL  
at 2 feet bgs (2,200 ng/kg criteria used for Dioxin)
- Associate LOU Pipelines
- LOU #59 Storm Sewer System manholes and sumps with flow direction
- LOU #60 Acid Drain System manholes and sumps with flow direction
- Groundwater recharge trenches to be retained
- Groundwater barrier wall to be retained
- dup Field Duplicate
- TPH-d Diesel Range Organics
- TPH-oil Oil Range Organics
- HCB Hexachlorobenzene

Notes:  
1. Asbestos data limited to greater than or equal to 1 amphibole and greater than 5 chrysotile fibers.  
2. Units for asbestos is number of fibers and dioxin is ng/kg. All other units are in mg/kg.

Coordinate Projection: Stateplane, Nevada East, NAD83, Feet  
Base Aerial Photo from AEX, May, 2007

### LOU Areas Within Soil Subarea 1

- LOU 1 – Former Trade Effluent Settling Ponds
- LOU 2 – Open Area South of Former Trade Effluent Settling Ponds
- LOU 10 – Onsite Hazardous Waste Landfill
- LOU 22 - Pond WC West
- LOU 23 - Pond WC East
- LOU 32 – Chromium and Perchlorate Groundwater Remediation Unit
- LOU 60 – Acid Drain System in Area II



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