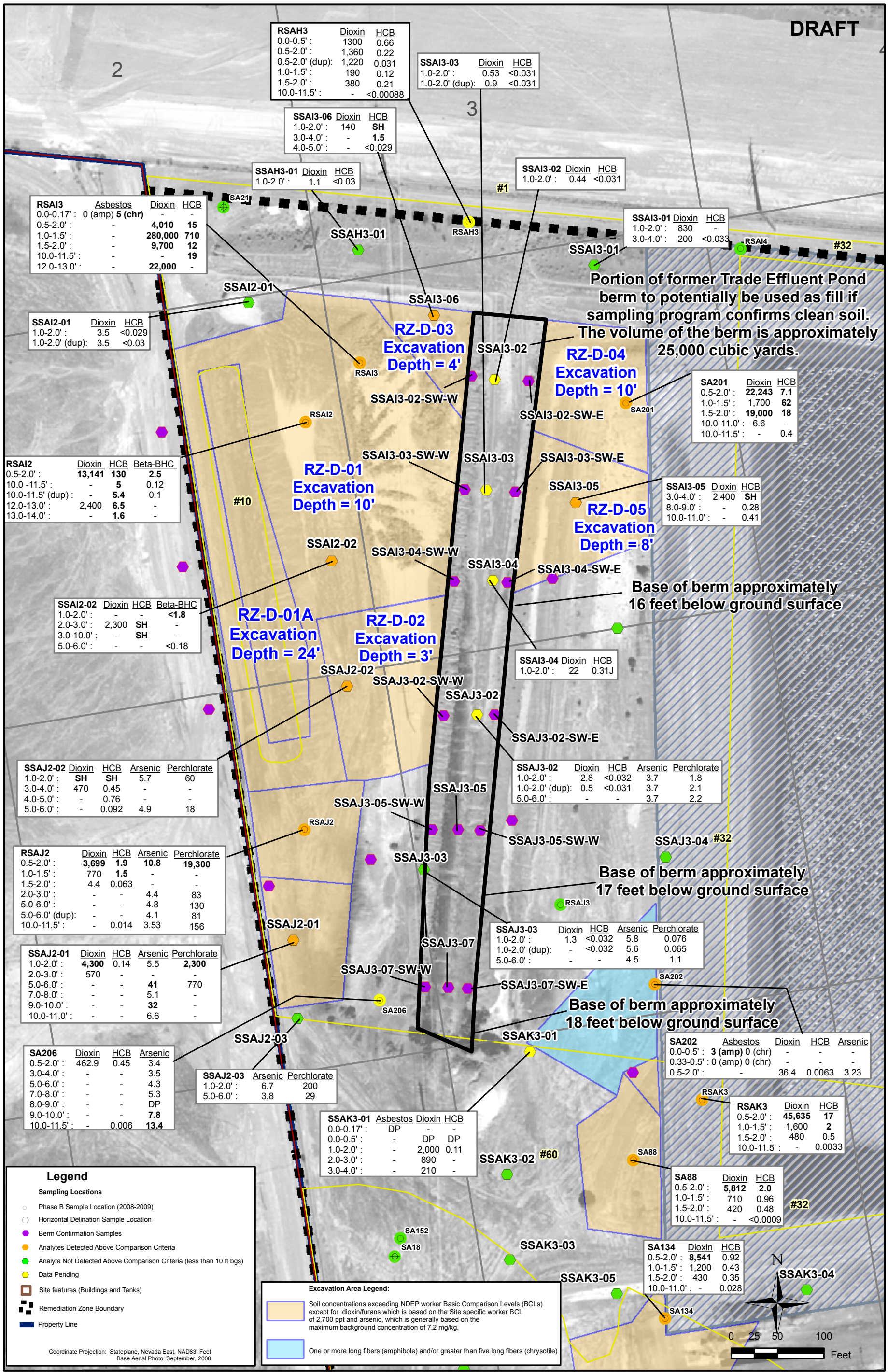


DRAFT



Portion of former Trade Effluent Pond berm to potentially be used as fill if sampling program confirms clean soil. The volume of the berm is approximately 25,000 cubic yards.

Base of berm approximately 16 feet below ground surface

Base of berm approximately 17 feet below ground surface

Base of berm approximately 18 feet below ground surface

RSAH3	Dioxin	HCB
0.0-0.5'	1300	0.66
0.5-2.0'	1,360	0.22
0.5-2.0' (dup)	1,220	0.031
1.0-1.5'	190	0.12
1.5-2.0'	380	0.21
10.0-11.5'	-	<0.00088

SSAI3-03	Dioxin	HCB
1.0-2.0'	0.53	<0.031
1.0-2.0' (dup)	0.9	<0.031

SSAI3-06	Dioxin	HCB
1.0-2.0'	140	SH
3.0-4.0'	-	1.5
4.0-5.0'	-	<0.029

SSAH3-01	Dioxin	HCB
1.0-2.0'	1.1	<0.03

SSAI3-02	Dioxin	HCB
1.0-2.0'	0.44	<0.031

SSAI3-01	Dioxin	HCB
1.0-2.0'	830	-
3.0-4.0'	200	<0.033

RSAI3	Asbestos	Dioxin	HCB
0.0-0.17'	0 (amp) 5 (chr)	-	-
0.5-2.0'	-	4,010	15
1.0-1.5'	-	280,000	710
1.5-2.0'	-	9,700	12
10.0-11.5'	-	-	19
12.0-13.0'	-	22,000	-

SSAI2-01	Dioxin	HCB
1.0-2.0'	3.5	<0.029
1.0-2.0' (dup)	3.5	<0.03

SA201	Dioxin	HCB
0.5-2.0'	22,243	7.1
1.0-1.5'	1,700	62
1.5-2.0'	19,000	18
10.0-11.0'	6.6	-
10.0-11.5'	-	0.4

RSAI2	Dioxin	HCB	Beta-BHC
0.5-2.0'	13,141	130	2.5
10.0-11.5'	-	5	0.12
10.0-11.5' (dup)	-	5.4	0.1
12.0-13.0'	2,400	6.5	-
13.0-14.0'	-	1.6	-

SSAI2-02	Dioxin	HCB	Beta-BHC
1.0-2.0'	-	-	<1.8
2.0-3.0'	2,300	SH	-
3.0-10.0'	-	SH	-
5.0-6.0'	-	-	<0.18

SSAJ2-02	Dioxin	HCB	Arsenic	Perchlorate
1.0-2.0'	SH	SH	5.7	60
3.0-4.0'	470	0.45	-	-
4.0-5.0'	-	0.76	-	-
5.0-6.0'	-	0.092	4.9	18

RSAJ2	Dioxin	HCB	Arsenic	Perchlorate
0.5-2.0'	3,699	1.9	10.8	19,300
1.0-1.5'	770	1.5	-	-
1.5-2.0'	4.4	0.063	-	-
2.0-3.0'	-	-	4.4	83
5.0-6.0'	-	-	4.8	130
5.0-6.0' (dup)	-	-	4.1	81
10.0-11.5'	-	0.014	3.53	156

SSAJ2-01	Dioxin	HCB	Arsenic	Perchlorate
1.0-2.0'	4,300	0.14	5.5	2,300
2.0-3.0'	570	-	-	-
5.0-6.0'	-	-	41	770
7.0-8.0'	-	-	5.1	-
9.0-10.0'	-	-	32	-
10.0-11.0'	-	-	6.6	-

SA206	Dioxin	HCB	Arsenic
0.5-2.0'	462.9	0.45	3.4
3.0-4.0'	-	-	3.5
5.0-6.0'	-	-	4.3
7.0-8.0'	-	-	5.3
8.0-9.0'	-	-	DP
9.0-10.0'	-	-	7.8
10.0-11.5'	-	0.006	13.4

SSAJ2-03	Arsenic	Perchlorate
1.0-2.0'	6.7	200
5.0-6.0'	3.8	29

SSAK3-01	Asbestos	Dioxin	HCB
0.0-0.17'	DP	-	-
0.0-0.5'	-	DP	DP
1.0-2.0'	-	2,000	0.11
2.0-3.0'	-	890	-
3.0-4.0'	-	210	-

SSAJ3-03	Dioxin	HCB	Arsenic	Perchlorate
1.0-2.0'	1.3	<0.032	5.8	0.076
1.0-2.0' (dup)	-	<0.032	5.6	0.065
5.0-6.0'	-	-	4.5	1.1

SSAJ3-02	Dioxin	HCB	Arsenic	Perchlorate
1.0-2.0'	2.8	<0.032	3.7	1.8
1.0-2.0' (dup)	0.5	<0.031	3.7	2.1
5.0-6.0'	-	-	3.7	2.2

SA202	Asbestos	Dioxin	HCB	Arsenic
0.0-0.5'	3 (amp) 0 (chr)	-	-	-
0.33-0.5'	0 (amp) 0 (chr)	-	-	-
0.5-2.0'	-	36.4	0.0063	3.23

RSAK3	Dioxin	HCB
0.5-2.0'	45,635	17
1.0-1.5'	1,600	2
1.5-2.0'	480	0.5
10.0-11.5'	-	0.0033

SA88	Dioxin	HCB
0.5-2.0'	5,812	2.0
1.0-1.5'	710	0.96
1.5-2.0'	420	0.48
10.0-11.5'	-	<0.0009

SA134	Dioxin	HCB
0.5-2.0'	8,541	0.92
1.0-1.5'	1,200	0.43
1.5-2.0'	430	0.35
10.0-11.0'	-	0.028

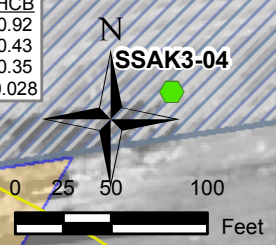
**Legend**

- Sampling Locations**
- Phase B Sample Location (2008-2009)
  - Horizontal Delineation Sample Location
  - Berm Confirmation Samples
  - Analytes Detected Above Comparison Criteria
  - Analyte Not Detected Above Comparison Criteria (less than 10 ft bgs)
  - Data Pending
- Site features (Buildings and Tanks)**
- Remediation Zone Boundary
  - Property Line

**Excavation Area Legend:**

- Soil concentrations exceeding NDEP worker Basic Comparison Levels (BCLs) except for dioxin/furans which is based on the Site specific worker BCL of 2,700 ppt and arsenic, which is generally 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)

Coordinate Projection: Stateplane, Nevada East, NAD83, Feet  
Base Aerial Photo: September, 2008



**PROPOSED SAMPLING LOCATIONS ON FORMER TRADE EFFLUENT POND BERM**  
Berm Sampling Workplan

Tronox Facility  
Henderson, Nevada

SCALE:	DATE:	PROJECT NUMBER:
1 in = 100 ft	08/05/10	2027.01 T63