REPUBLIC SERVICES, INC.

SPECIAL WASTE PROFILE

Requested Disposal Facility: Apex Regional LF NV 3825

Waste Profile #
Sales Rep #.

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: Tronox LLC			
Generator Site Address: 560 West Lake Mead Pkwy			
City: Henderson	County: Clark	State: Nevada	Zip: 89015
State ID/Reg No: NA	State Approval/Waste Code: NA (if applicable)		NAICS # : SIC2819
Generator Mailing Address (if different): 560 West Lake Mead Pkwy			
City: Henderson	County: Clark	State: Nevada	Zip: 89015
Generator Contact Name: Axel Rieke		Email: axel.rieke@ngem.com	
Phone Number: (510) 839-0688	Ext: 211	Fax Number: (510) 839-4350	

IIa. Transporter Information

Transporter Name: TBD		Contact Name:	
Transporter Address:			
City:	County:	State:	Zip:
Phone Number:	Fax Number:	State Transportation Number:	

IIb. Billing Information

Bill To: NGE LLC c/o Northgate Environmental Mgmt		Contact Name: Alan Leavitt	
Billing Address: 300 Frank H. Ogawa Plaza, Suite 510		Email: alan.leavitt@ngem.com	
City: Oakland	State: California	Zip: 94612	Phone: (510) 839-0688

III. Waste Stream Information

Name of Waste: RZ-E Soil containing asbestos
Process Generating Waste: Soil excavated during implementation of Removal Action Work Plan
Physical State: ☑ SOLID ☐ SEMI-SOLID ☐ POWDER ☐ LIQUID
Method of Shipment: ☑ BULK ☐ DRUM ☐ BAGGED ☐ OTHER: bins
Estimated Annual Volume: 13,500 Cubic Yards
Frequency: ☑ ONE TIME ☐ ANNUAL
Disposal Consideration: ☑ LANDFILL ☐ SOLIDIFICATION ☐ BIOREMEDIATION

IV. Representative Sample Certification

☐ NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	☑ YES or ☐ NO
Sample Date: various-see att	Type of Sample: ☑ COMPOSITE SAMPLE ☑ GRAB SAMPLE
Sample ID Numbers: See attached Tables 1a through 4b dated 11/4/2010 for metals, VOCs, SVOCs, & pesticides	

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REPUBLIC SERVICES, INC.

SPECIAL WASTE PROFILE (continued)

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. Soil containing asbestos	100.000
2.	
3.	
4.	
5.	

Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
brown	none	☐ Yes or ☑ No	100.00	NA	NA °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and it epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	☐ Yes or ☑ No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]?	☐ Yes or ☑ No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	☐ Yes or ☑ No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	☐ Yes or ☑ No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCCD), or any other dioxin as defined in 40 CFR 261.31?	☐ Yes or ☑ No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Is this waste a reactive or heat generating waste?	☐ Yes or ☑ No
Does the waste contain sulfur or sulfur by-products?	☐ Yes or ☑ No
Is this waste generated at a Federal Superfund Clean Up Site?	☐ Yes or ☑ No
Is this waste from a TSD facility, TSD-like facility or waste consolidator?	☐ Yes or ☑ No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither I nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Alan Leavitt	Tronox LLC
Authorized Representative Name/Title (Type or Print)	Company Name
Alan L Leavitt	12/27/2010
Authorized Representative Signature	Date

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Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client: CONVERSE CONSULTANTS
731 PILOT ROAD, SUITE H
LAS VEGAS, NEVADA 89119
Account: N/A
Contact: JOHN WATKINS
Project No.: 10-43153-01

Date Received: 12/10/10
Date Analyzed: 12/10/10
Date Reported: 12/10/10
Reported To: JOHN WATKINS
Submitted By: COURIER
Report No.: 71-186546
P. O. #: N/A

TRONOX
TRONOX

I certify that these results are accurate for the samples obtained and comply with accepted methods of analysis.

Lab Manager, Dan R. Dolk

Analyst, Dan R. Dolk

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
186546 Grey Insulation Debris Area RZE04 South of Trench	T-PID-02	10-20% Chrysotile	10% Cellulose 30% Binders 20% Diatoms 20% Mineral Cleavages	I F
186547 Brown/Grey Debris Area RZE04 North of Trench	T-PID-03	None Detected	<1% Cellulose <1% Glass Fibers 50% Sulfate Binders 50% Mineral Cleavages	I F
186548 Cream Debris Area RZE07	T-PID-04	None Detected	80% Sulfate Binders 20% Mineral Cleavages	I NF
186549 Grey Debris Area RZE07 6th Street Covert	T-PID-05	None Detected	45% Sulfate Binders 55% Mineral Cleavages	I NF
186550 Grey Debris Area RZE12 East End	T-PID-06	5-10% Chrysotile 1% Amosite	39% Sulfate Binders 30% Diatoms 20% Mineral Cleavages	I F
186551 Tan/Black Debris Area RZC03 South Pipe	T-PW-07	None Detected	25% Binders 60% Organic Binders 15% Mineral Cleavages	I NF
186552 Black Debris Area RZC03 North Pipe	T-PW-08	30-40% Chrysotile	40% Organic Binders 20% Mineral Cleavages	I F

4840 Mill Street, Suite 5
Reno, Nevada 89502
Telephone (775) 856-3833 ◆ Fax (775) 856-3513

4708 Roseville Road, Suite 114
North Highlands, California 95660
Telephone (916) 331-5444 ◆ Fax (916) 331-6444

www.ConverseConsultants.com

Attached are the results of analysis of bulk samples submitted for asbestos identification. Converse Consultants follows EPA Method EPA/600/R-93/116; July 1993.

Each sample was initially examined under a stereoscopic microscopic at a magnification of 10x to 60x. Fibrous material was examined for morphology and content. Portions of each sample were immersed in a fluid with a known refractive index. The sample was examined under polarized light using a Nikon Labophot microscope with a McCrone Dispersion Staining objective under 100X magnification. Optical characteristics of the fibrous material were examined to determine the mineralogy of the fiber. The observed optical characteristics include angles of extinction, signs of elongation and dispersion staining colors. Asbestos fiber content is estimated by optically comparing the quantity of asbestos material and non-asbestos material to establish estimated percentages. Per the method, samples with distinct layers or inhomogenous character have each layer analyzed separately and reported as individual layers. (I – Inhomogeneous, H – Homogeneous, F – Fibrous, NF – Non-Fibrous)

Bulk sampling may not have been performed by Converse Consultants personnel. No warranty is made as to the acceptability of sampling strategies.

Converse Consultants is National Voluntary Laboratory Accreditation Program accredited. Our NVLAP Lab Code: 102091-0. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report must not be reproduced except in full without the approval of the laboratory. This report relates only to the items tested.

Converse Consultants
731 Pilot Road, Suite H, Las Vegas, NV 89119

MATERIAL SURVEY DATA

Phone: (702) 263-7600 FAX: (702) 269-8353

Converse Inspectors: John Watkins	Project Name: TRONOX	Project Number: 10-43153-01	Date Sampled: 12/09/10
Converse Contact: John Watkins	Project Location: TRONOX	Asbestos Analysis Type: (Bulk (PLM))	Instructions:
E-Mail: jwatkins@converseconsultans.com	Pre-Demolition Survey	Bulk (TEM)	

Turn-Around Time: (Circle) (RUSH) 24 Hours 2 Days 3 Days Requested: (E-MAIL) Verbal 702-218-1999

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	APPROX QNTY	COND	FRIABLE YES/NO	COMMENTS	ASBESTOS %
186546	T-PID-02	Pipe insulation debris, grey	Area RZE04 south of trench					10-20% Chry
186547	T-PID-03	Pipe insulation debris, grey	Area RZE04 north of trench					ND
186548	T-PID-04	Pipe insulation debris, white	Area RZE07					ND
186549	T-PID-05	Pipe insulation debris, grey/tan	Area RZE07, 6th Street covert					ND
186550	T-PID-06	Pipe insulation debris, grey/tan/white	Area RZE12, east end					5-10% Chrysotile 1% Amosite
186551	T-PW-07	Pipe wrap insulation	Area RZC03, ~~south~~ pipe South					ND
186552	T-PW-08	Pipe wrap insulation	Area RZC03, ~~north~~ pipe North					30-40% Chry.

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitting Insulation	FT - Floortile	GA – Gasket	G - Good (No maintenance is required currently) <10%	LF - Linear Feet	A- Amosite Asbestos
PPI - Pipe Part Insulation	M - Mastic	D - Debris	D - Damaged (Some repair needed)	SF - Square Feet	C- Crysotile Asbestos
DI - Duct Insulation	CB - Core Basic/Mastic	RM - Roofing Material	SD - Significantly Damaged (Repair or replace ASAP)	CF - Cubic Feet	ND No Asbestos Detected
TI - Tank Insulation	CT - Ceiling Tile	DW - Drywall			
TSI Thermal System Insulation	AS - Acoustic Spray	JC - Joint Compound			
EJ - Expansion Joint	WP - Wall Plaster	Wt - Wall Texture			
BI - Boiler Isulation					

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/ Time: 12-9-10	Date/ Time:	Date/ Time:	Date/ Time:
Received By:	Received By:	Received By:	Received By:
Date/ Time: 10 Dec 10	Date/ Time:	Date/ Time:	Date/ Time:

Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

POLARIZED LIGHT MICROSCOPY ANALYSIS REPORT

Client:	**CONVERSE CONSULTANTS** **731 PILOT ROAD, SUITE H** **LAS VEGAS, NEVADA 89119**	**Date Received:**	**12/14/10**
		Date Analyzed:	**12/14/10**
		Date Reported:	**12/14/10**
Account:	**N/A**	**Reported To:**	**JOHN WATKINS**
Contact:	**JOHN WATKINS**	**Submitted By:**	**COURIER**
Project No.:	**10-43153-01**	**Report No.:**	**71-186597**
		P. O. #:	**N/A**

TRONOX
TRONOX

I certify that these results are accurate for the samples obtained and comply with accepted methods of analysis.

Lab Manager, Dan R. Dolk

Analyst, Dan R. Dolk

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
186597A Grey Debris Area RZ-E-12 East End	T-PID-09-A	3-5% Chrysotile	60% Binders 35% Mineral Cleavages	I F
186597B Tan Debris Area RZ-E-12 East End	T-PID-09-B	None Detected	<1% Cellulose 50% Binders 50% Mineral Cleavages	I F
186598 Grey Debris Area RZ-E-16 West End	T-PID-10	>1-3% Chrysotile	2% Cellulose 50% Sulfate Binders 45% Mineral Cleavages	I F
186599A Tan Coating Area RZ-E-14C Northeast End	T-GM-11-A	None Detected	<1% Cellulose 30% Binders 70% Mineral Cleavages	I F
186599B White Fiberboard Area RZ-E-14C Northeast End	T-GM-11-B	85-95% Chrysotile	5% Mineral Cleavages	I F
186599C Brown Coating Area RZ-E-14C Northeast End	T-GM-11-C	70-80% Chrysotile	10% Organic Binders 10% Mineral Cleavages	I F
186600 White Poured Insulation Area RZ-E-14C Southwest End	T-D-12	None Detected	95% Carbonate Binders 5% Mineral Cleavages	I NF
186601 Grey Insulation Debris Area RZ-E-12 Just West of the Road	T-D-13	>1-3% Chrysotile	5% Cellulose 40% Carbonate Binders 30% Diatoms 22% Mineral Cleavages	I F

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North Highlands, California 95660
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www.ConverseConsultants.com

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
186602 Grey Insulation Debris Area RZ-E-12 West End	T-D-14	>1-3% Chrysotile	12% Cellulose 25% Binders 30% Sulfate Binders 30% Mineral Cleavages	I F
186603 Grey Insulation Debris Area RZ-E-110 East End	T-PID-15	3-5% Chrysotile	<1% Cellulose 55% Binders 5% Carbonate Binders 25% Diatoms 10% Mineral Cleavages	I F
186604 Grey Powder Debris Area RZ-E-110 West End	T-D-16	1% Chrysotile	<1% Cellulose 35% Binders 20% Diatoms 44% Mineral Cleavages	I F
186605 White/Brown Debris Area RZ-E-03A Central Area	T-D-17	None Detected	<1% Cellulose 55% Binders 45% Mineral Cleavages	I F
186606A Grey Debris Area RZ-E-04 West End	T-D-18-A	None Detected	50% Binders 50% Mineral Cleavages	I NF
186606B White Debris Area RZ-E-04 West End	T-D-18-B	None Detected	<1% Cellulose 80% Binders 20% Mineral Cleavages	I F
186607 Grey Brown Debris Area RZ-E-04 East Central Area	T-D-19	<1% Chrysotile	<1% Cellulose 40% Binders 60% Mineral Cleavages	I F
186608 Grey Debris Area RZ-E-06 West End	T-PID-20	<1% Chrysotile	5% Cellulose 30% Sulfate Binders 15% Mineral Cleavages 50% Carbonized Material	I F
186609 Grey Debris Area RZ-E-06 Central Area	T-D-21	<1% Chrysotile	<1% Cellulose 35% Binders 20% Mineral Cleavages 45% Carbonized Material	I F
186610 Grey Debris Area RZ-E-06 East End	T-D-22	None Detected	5% Cellulose 5% Glass Fibers 40% Binders 25% Mineral Cleavages 25% Carbonized Material	I F
186611 Grey Debris Area RZ-E-09 Central Area	T-D-23	None Detected	5% Cellulose 30% Binders 35% Mineral Cleavages 30% Carbonized Material	I F
186612 Black Pipe Mastic Area RZ-C-03 07B South Pipe	T-PM-24	None Detected	<1% Cellulose 75% Organic Binders 25% Mineral Cleavages	I F

RESULTS: LAB SAMPLE # LAB DESCRIPTION LOCATION	CLIENT SAMPLE #	PERCENT & TYPE OF ASBESTOS	PERCENT & TYPE OF NON-ASBESTOS	LAYER I-H APPEARANCE F-NF
186613 Black Pipe Mastic Area RZ-C-~~08~~ 07B South Pipe	T-PM-25	None Detected	<1% Cellulose <1% Glass Fibers 80% Organic Binders 20% Mineral Cleavages	I F
186614 Black Pipe Mastic Area RZ-C-~~08~~ 07B South Pipe	T-PM-26	<1% Chrysotile	<1% Cellulose 85% Organic Binders 15% Mineral Cleavages	I F

Attached are the results of analysis of bulk samples submitted for asbestos identification. Converse Consultants follows EPA Method EPA/600/R-93/116; July 1993.

Each sample was initially examined under a stereoscopic microscopic at a magnification of 10x to 60x. Fibrous material was examined for morphology and content. Portions of each sample were immersed in a fluid with a known refractive index. The sample was examined under polarized light using a Nikon Labophot microscope with a McCrone Dispersion Staining objective under 100X magnification. Optical characteristics of the fibrous material were examined to determine the mineralogy of the fiber. The observed optical characteristics include angles of extinction, signs of elongation and dispersion staining colors. Asbestos fiber content is estimated by optically comparing the quantity of asbestos material and non-asbestos material to establish estimated percentages. Per the method, samples with distinct layers or inhomogenous character have each layer analyzed separately and reported as individual layers. (I – Inhomogeneous, H – Homogeneous, F – Fibrous, NF – Non-Fibrous)

Bulk sampling may not have been performed by Converse Consultants personnel. No warranty is made as to the acceptability of sampling strategies.

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Converse Consultants
731 Pilot Road, Suite H, Las Vegas, NV 89119

MATERIAL SURVEY DATA

Phone: (702) 263-7600 FAX: (702) 269-8353

Converse Inspectors: John Watkins	Project Name: TRONOX	Project Number: 10-43153-01	Date Sampled: 12/13/10
Converse Contact: John Watkins	Project Location: TRONOX	Asbestos Analysis Type: Bulk (PLM)	Instructions:
E-Mail: jwatkins@converseconsultans.com	Northgate	Bulk (TEM)	

Turn-Around Time: (Circle) RUSH 24 Hours 2 Days 3 Days Requested: E-MAIL Verbal 702-218-1999

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	APPROX QNTY	COND	FRIABLE YES/NO	COMMENTS	ASBESTOS %
186597	T-PID-09	Pipe insulation debris, grey	Area RZ-E-12, east end					3-5% Chry
186598	T-PID-10	Pipe insulation debris, tan/white	Area RZ-E-16, west end					>1-3% Chry
186599	T-GM-11	Gasket material, brown/tan	Area RZ-E-14C, northeast end					70-90% Chry
186600	T-D-12	White insulation material	Area RZ-E-14C, southwest end					ND
186601	T-D-13	White flaky insulation material	Area RZ-E-12, just west of the road					>1-3% Chry
186602	T-D-14	White/gray insulation materials	Area RZ-E-12, west end					>1-3% Chry
186603	T-PID-15	Pipe insulation debris, grey	Area RZ-E-110, east end					3-5% Chry
186604	T-D-16	Debris, grey	Area RZ-E-110, west end					1% Chry
186605	T-D-17	Debris, white	Area RZ-E-03A, central area					ND
186606	T-D-18	Debris, grey	Area RZ-E-04, west end					ND

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitting Insulation	FT - Floortile	GA – Gasket	G - Good (No maintenance is required currently) <10%	LF - Linear Feet	A- Amosite Asbestos
PPI - Pipe Part Insulation	M - Mastic	D - Debris	D - Damaged (Some repair needed)	SF - Square Feet	C- Crysotile Asbestos
DI - Duct Insulation	CB - Core Basic/Mastic	RM - Roofing Material	SD - Significantly Damaged (Repair or replace ASAP)	CF - Cubic Feet	ND No Asbestos Detected
TI - Tank Insulation	CT - Ceiling Tile	DW - Drywall			
TSI Thermal System Insulation	AS - Acoustic Spray	JC - Joint Compound			
EJ - Expansion Joint	WP - Wall Plaster	Wt Wall Texture			
BI - Boiler Insulation					

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/ Time: 12-13-10	Date/ Time:	Date/ Time:	Date/ Time:
Received By:	Received By:	Received By:	Received By:
Date/ Time: 14 Dec 10	Date/ Time:	Date/ Time:	Date/ Time:

Converse Consultants
731 Pilot Road, Suite H, Las Vegas, NV 89119

MATERIAL SURVEY DATA

Phone: (702) 263-7600 FAX: (702) 269-8353

Converse Inspectors: John Watkins	Project Name: TRONOX	Project Number: 10-43153-01	Date Sampled: 12/13/10
Converse Contact: John Watkins	Project Location: TRONOX	Asbestos Analysis Type: (Bulk (PLM))	Instructions:
E-Mail: jwatkins@converseconsultans.com	Northgate	Bulk (TEM)	

Turn-Around Time: (Circle) (RUSH) → 24 Hours 2 Days 3 Days Requested: (E-MAIL) Verbal 702-218-1999

LAB #	SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	APPROX QNTY	COND	FRIABLE YES/NO	COMMENTS	ASBESTOS %
186607	T-D-19	Debris, grey	Area RZ-E-04, east central area					<1% Chy
186608	T-PID-20	Pipe insulation Debris, grey	Area RZ-E-06, west end					<1% Chy
186609	T-D-21	Debris, grey	Area RZ-E-06, central area					<1% Chy
186610	T-D-22	Debris, grey	Area RZ-E-06, east end					ND
186611	T-D-23	Debris, grey	Area RZ-E-09, central area					ND
186612	T-PM-24	Pipe mastic insulation	Area RZ-C-03, south pipe					ND
186613	T-PM-25	Pipe mastic insulation	Area RZ-C-03, south pipe					ND
186614	T-PM-26	Pipe mastic insulation	Area RZ-C-03, south pipe					<1% Chy

MATERIAL			CONDITION	UNITS	ASBESTOS %
PFI - Pipe Fitting Insulation	FT - Floortile	GA – Gasket	G - Good (No maintenance is required currently) <10%	LF - Linear Feet	A- Amosite Asbestos
PPI - Pipe Part Insulation	M - Mastic	D - Debris	D - Damaged (Some repair needed)	SF - Square Feet	C- Crysotile Asbestos
DI - Duct Insulation	CB - Core Basic/Mastic	RM - Roofing Material	SD - Significantly Damaged (Repair or replace ASAP)	CF - Cubic Feet	ND No Asbestos Detected
TI - Tank Insulation	CT - Ceiling Tile	DW - Drywall			
TSI Thermal System Insulation	AS - Acoustic Spray	JC - Joint Compound			
EJ - Expansion Joint	WP - Wall Plaster	Wt Wall Texture			
BI - Boiler Isulation					

Relinquished By:	Relinquished By:	Relinquished By:	Relinquished By:
Date/ Time: 12-13-10	Date/ Time:	Date/ Time:	Date/ Time:
Received By:	Received By:	Received By:	Received By:
Date/ Time: 14 Dec 10	Date/ Time:	Date/ Time:	Date/ Time:

TABLE 1a
Summary of Statistical Analysis
Analytical Results for Metals

Parameter	Arsenic[1]		Barium	Cadmium	Chromium [1,2]		Lead[1]		Mercury[1]		Selenium	Silver
	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/L	mg/kg	mg/L	mg/kg	mg/L	mg/kg	mg/kg
Number of Samples	100	11	25	25	25	11	53	11	27	11	25	25
Number of Non-Detects	0	5	0	1	0	3	0	10	7	10	20	13
Number of Detects	100	6	25	24	25	8	53	1	20	1	5	12
Mean Total Concentrations	16.22	--	220.66	0.57	79.80	--	189.47	--	1.35	--	1.11	0.46
Mean Soluble Concentrations[3]	--	0.07	--	--	--	0.02	--	0.03	--	0.00004	--	--
TCLP Concentration	--	5	--	--	--	5	--	5	--	0.2	--	--
"TCLP x 20" Concentration	100	--	2000	20	100	--	100	--	4	--	20	100
90% UCL Concentrations	**28.93**	**0.173**	**NC**	**NC**	**161.8**	**0.035**	**393.6**	**NC**	**2.637**	**NC**	**NC**	**NC**

Notes:

Samples analyzed using EPA Methods 6010 and 6020.

1 The first column shows results for total concentrations and the second column shows results for soluble concentrations of chemicals

2 Analytical results for Chromium reported as total Chromium

3 Soluble concentrations based on TCLP analyses

TCLP: Toxicity Characteristic Leaching Procedure

NC: Not Calculated (no samples contained detected analyte concentration > TCLP or > "TCLP x 20")

TABLE 1a
Summary of Statistical Analysis
Analytical Results for Metals

Parameter	Arsenic[1]		Barium	Cadmium	Chromium [1,2]		Lead[1]		Mercury[1]		Selenium	Silver
	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/L	mg/kg	mg/L	mg/kg	mg/L	mg/kg	mg/kg
Number of Samples	100	11	25	25	25	11	53	11	27	11	25	25
Number of Non-Detects	0	5	0	1	0	3	0	10	7	10	20	13
Number of Detects	100	6	25	24	25	8	53	1	20	1	5	12
Mean Total Concentrations	16.22	--	220.66	0.57	79.80	--	189.47	--	1.35	--	1.11	0.46
Mean Soluble Concentrations[3]	--	0.07	--	--	--	0.02	--	0.03	--	0.00004	--	--
TCLP Concentration	--	5	--	--	--	5	--	5	--	0.2	--	--
"TCLP x 20" Concentration	100	--	2000	20	100	--	100	--	4	--	20	100
90% UCL Concentrations	**28.93**	**0.173**	**NC**	**NC**	**161.8**	**0.035**	**393.6**	**NC**	**2.637**	**NC**	**NC**	**NC**

Notes:

Samples analyzed using EPA Methods 6010 and 6020.

1 The first column shows results for total concentrations and the second column shows results for soluble concentrations of chemicals

2 Analytical results for Chromium reported as total Chromium

3 Soluble concentrations based on TCLP analyses

TCLP: Toxicity Characteristic Leaching Procedure

NC: Not Calculated (no samples contained detected analyte concentration > TCLP or > "TCLP x 20")

TABLE 1b
Summary of Soil Sample Analytical Results - Metals
(mg/kg)

Sample ID	Sample Date	Lab Report ID	Arsenic	Barium	Cadmium	Chromium (Total)	Lead	Mercury	Selenium	Silver
BDT-1-N-10-2BPC	8/27/2010	28068861	na	na	na	na	8.8	na	na	na
BDT-1-N-10-4BPC	8/27/2010	28068861	na	na	na	na	8.9	na	na	na
BDT-1-N-10-6BPC	8/27/2010	28068861	na	na	na	na	7.6	na	na	na
BDT-1-N-10-8BPC	8/27/2010	28068861	na	na	na	na	8	na	na	na
BDT-1-N-10-8BPC_FD	8/27/2010	28068861	na	na	na	na	8.3	na	na	na
BDT-1-N-15-2BPC	8/27/2010	28068861	na	na	na	na	8.4	na	na	na
BDT-1-N-15-4BPC	8/27/2010	28068861	na	na	na	na	10	na	na	na
BDT-1-N-15-6BPC	8/27/2010	28068861	na	na	na	na	6.8	na	na	na
BDT-1-N-15-8BPC	8/27/2010	28068861	na	na	na	na	8.6	na	na	na
BDT-1-N-20-2BPC	8/27/2010	28068861	na	na	na	na	9.2	na	na	na
BDT-1-N-20-4BPC	8/27/2010	28068861	na	na	na	na	6.9	na	na	na
BDT-1-N-20-6BPC	8/27/2010	28068861	na	na	na	na	7	na	na	na
BDT-1-N-20-8BPC	8/27/2010	28068861	na	na	na	na	9.3	na	na	na
BDT-1-N-5-2BPC	8/27/2010	28068861	na	na	na	na	8.5	na	na	na
BDT-1-N-5-4BPC	8/27/2010	28068861	na	na	na	na	6.6	na	na	na
BDT-1-N-5-6BPC	8/27/2010	28068861	na	na	na	na	5.7	na	na	na
BDT-1-N-5-8BPC	8/27/2010	28068861	na	na	na	na	7.9	na	na	na
BDT-1-N-5-8BPC_FD	8/27/2010	28068861	na	na	na	na	7.8	na	na	na
BDT-1-S-5-2BPC	8/30/2010	28069561	na	na	na	na	5.5	na	na	na
BDT-1-S-5-4BPC	8/30/2010	28069561	na	na	na	na	5.1	na	na	na
BDT-1-S-5-6BPC	8/30/2010	28069561	na	na	na	na	3.6	na	na	na
BDT-1-S-5-8BPC	8/30/2010	28069561	na	na	na	na	6	na	na	na
BDT-2-N-5-2BPC	8/25/2010	28068181	2.8	na	na	na	na	na	na	na
BDT-2-N-5-4BPC	8/25/2010	28068181	3.2	na	na	na	na	na	na	na
BDT-2-S-10-2BPC	8/26/2010	28068511	8.4	na	na	na	na	na	na	na
BDT-2-S-10-4BPC	8/26/2010	28068511	3	na	na	na	na	na	na	na
BDT-2-S-15-2BPC	8/26/2010	28068511	4.9	na	na	na	na	na	na	na
BDT-2-S-15-2BPC_FD	8/26/2010	28068511	5.7	na	na	na	na	na	na	na
BDT-2-S-15-4BPC	8/26/2010	28068511	4.7	na	na	na	na	na	na	na
BDT-2-S-20-2BPC	8/26/2010	28068511	7.4	na	na	na	na	na	na	na
BDT-2-S-20-4BPC	8/26/2010	28068511	3.1	na	na	na	na	na	na	na
BDT-2-S-5-2BPC	8/26/2010	28068511	100	na	na	na	na	na	na	na
BDT-2-S-5-4BPC	8/26/2010	28068511	3.4	na	na	na	na	na	na	na
BDT-4-N-5-10BPC	8/24/2010	28067831	3.6	na	na	na	na	na	na	na
BDT-4-N-5-2BPC	8/24/2010	28067831	2.8	na	na	na	na	na	na	na
BDT-4-N-5-4BPC	8/24/2010	28067831	2.9	na	na	na	na	na	na	na
BDT-4-N-5-6BPC	8/24/2010	28067831	2.8	na	na	na	na	na	na	na
BDT-4-N-5-8BPC	8/24/2010	28067831	2.9	na	na	na	na	na	na	na
BDT-4-S-5-10BPC	8/24/2010	28067831	2.7	na	na	na	na	na	na	na
BDT-4-S-5-2BPC	8/24/2010	28067831	2.6	na	na	na	na	na	na	na
BDT-4-S-5-4BPC	8/24/2010	28067831	2.6	na	na	na	na	na	na	na
BDT-4-S-5-6BPC	8/24/2010	28067831	3.3	na	na	na	na	na	na	na
BDT-4-S-5-8BPC	8/24/2010	28067831	2.9	na	na	na	na	na	na	na
SA107-0.5B	8/11/2009	R0904512	7.8	194	0.23	13.6	48.7	0.04	1	< 0.2
SA107009-10B	8/11/2009	R0904512	4.13	187	0.09	8.62	8.3	0.01	< 0.8	< 0.2
SA107-10B	8/11/2009	R0904512	4.16	160	0.09	9.13	8.2	0.013	1.2	< 0.2
SA107-2BPC	4/16/2010	28025411	3.4	na	na	na	na	na	na	na
SA107-5BPC	4/16/2010	28025411	3.6	na	na	na	na	na	na	na
SA128-0.5B	9/16/2009	R0905260	21.3	220	4.47	381	2210	0.273	< 0.8	1.3
SA128-1.5BR	12/16/2009	R0907146	21.3	382	1.38	202	635	0.242	< 1.0	0.8
SA128-10B	9/16/2009	R0905260	4.78	79.8	0.06	5.22	7.9	0.005	< 4.3	< 0.2
SA128-1BR	12/16/2009	R0907146	22	265	2.61	536	2540	0.25	< 1.1	1.1
SA128-3BPC	4/13/2010	28024001	28	na	na	na	na	na	na	na
SA128-5BPC	4/13/2010	28024001	11	na	na	na	na	na	na	na
SA128-5BPC_FD	4/13/2010	28024001	11	na	na	na	na	na	na	na
SA128-6BPC	4/13/2010	28024009	9.7	na	na	na	na	na	na	na
SA128-7BPC	4/13/2010	28024006	6	na	na	na	na	na	na	na

TABLE 1b
Summary of Soil Sample Analytical Results - Metals
(mg/kg)

Sample ID	Sample Date	Lab Report ID	Arsenic	Barium	Cadmium	Chromium (Total)	Lead	Mercury	Selenium	Silver
SA128-8BPC	4/13/2010	280240010	6.8	na	na	na	na	na	na	na
SA128-9BPC	4/13/2010	28024006	8.6	na	na	na	na	na	na	na
SA131-0.5B	7/23/2009	R0904102	11.1	326	0.14	29	36.4	0.185	< 0.7	0.7
SA131009-0.5B	7/23/2009	R0904102	14.3	300	0.48	178	161	0.542	< 0.8	3.3
SA131-10B	7/23/2009	R0904102	3.99	144	< 0.04	26.4	8.9	0.154	< 0.8	0.4
SA131-1BPC	4/15/2010	28025001	6	na	na	na	na	na	na	na
SA131-1BPC_FD	4/15/2010	28025001	5.9	na	na	na	na	na	na	na
SA131-5BPC	4/15/2010	28025001	24	na	na	na	na	na	na	na
SA131-6BPC	4/15/2010	28025008	15	na	na	na	na	na	na	na
SA131-7BPC	4/15/2010	28025009	7	na	na	na	na	na	na	na
SA131-8BPC	4/15/2010	28025008	6.6	na	na	na	na	na	na	na
SA14-0.5	11/8/2006	ENSR110306	2	162	0.14	10.9	11	< 0.00668	< 0.1079	0.14
SA14-10	11/8/2006	ENSR110306	2.2	187	0.09	9.6	8.8	< 0.00668	< 0.1079	0.16
SA154-0.5B	8/24/2009	R0904797	2.03	127	0.13	6.06	7.3	0.008	< 0.7	< 0.2
SA154-10B	8/24/2009	R0904797	3.42	199	0.24	9.27	9.1	0.01	< 0.8	< 0.2
SA155-0.5B	8/11/2009	R0904512	4.69	685	0.36	46.4	92.7	0.083	3.5	< 0.2
SA155009-0.5B	8/11/2009	R0904512	4.76	230	0.29	33.5	46.4	0.068	1.1	< 0.2
SA155-10B	8/11/2009	R0904512	4.24	210	0.15	20.1	27.1	0.05	1.3	< 0.2
SA165-0.5B	9/17/2009	R0905331	385	295	0.84	295	330	34.2	< 0.8	0.3
SA165-10B	9/17/2009	R0905331	5.2	95.6	0.04	3.98	6.6	0.005	< 4.2	< 0.2
SA165-1BPC	4/15/2010	28025001	34	na	na	na	na	na	na	na
SA165-2BPC	5/24/2010	28025009	6.4	na	na	na	na	na	na	na
SA165-2BPC	5/24/2010	28039551	na	na	na	na	na	0.31	na	na
SA165-3BPC	4/15/2010	28025008	6.2	na	na	na	na	na	na	na
SA165-5BPC	5/24/2010	28025001	4.5	na	na	na	na	na	na	na
SA165-5BPC	5/24/2010	28039551	na	na	na	na	na	0.0069	na	na
SA165-5BPC_FD	4/15/2010	28025001	4.5	na	na	na	na	na	na	na
SA17-0.5	11/15/2006	ENSR111006	22.1	142	0.089	44.6	28.6	< 0.00668	< 0.1079	0.15
SA17-0.5D	11/15/2006	ENSR111006	37	185	0.1	81.9	36.3	< 0.00668	< 0.1079	0.14
SA17-10	11/15/2006	ENSR111006	4.2	202	0.24	23.2	8.6	< 0.00668	< 0.1079	0.48
SA17-1BPC	4/14/2010	28024481	3.5	na	na	na	na	na	na	na
SA17-5BPC	4/14/2010	28024481	54	na	na	na	na	na	na	na
SA17-6BPC	4/14/2010	28024489	18	na	na	na	na	na	na	na
SA17-8BPC	4/14/2010	28024489	9.1	na	na	na	na	na	na	na
SA17-9BPC	4/14/2010	280244813	7.4	na	na	na	na	na	na	na
SA66-0.5B	9/21/2009	R0905387	0.97	219	0.69	5.2	334	0.024	< 0.8	< 0.2
SA66009-0.5B	9/21/2009	R0905387	1.18	169	0.77	6.48	350	< 0.019	< 0.8	< 0.2
SA66-10B	9/21/2009	R0905387	2.34	151	0.46	9.92	17.7	< 0.019	< 0.8	< 0.2
SSAL8-02-10BPC	8/12/2010	28063851	4.7	na	na	na	na	na	na	na
SSAL8-02-1BPC	8/12/2010	28063851	13	na	na	na	na	na	na	na
SSAL8-02-2BPC	9/8/2010	28072331	12	na	na	na	na	na	na	na
SSAL8-02-2BPC_FD	9/8/2010	28072331	16	na	na	na	na	na	na	na
SSAL8-02-3BPC	9/8/2010	28072331	11	na	na	na	na	na	na	na
SSAL8-02-4BPC	9/8/2010	28072331	27	na	na	na	na	na	na	na
SSAL8-02-5BPC	8/12/2010	28063851	3.4	na	na	na	na	na	na	na
SSAM2-01-1BPC	4/22/2010	28027711	3.2	na	na	na	270	na	na	na
SSAM2-01-1BPC_FD	4/22/2010	28027711	2.8	na	na	na	570	na	na	na
SSAM2-01-5BPC	4/22/2010	28027711	2.3	na	na	na	62	na	na	na
SSAM3-02-1BPC	4/23/2010	28028361	1.4	na	na	na	1300	na	na	na
SSAM3-02-1BPC_FD	4/23/2010	28028361	2.3	na	na	na	660	na	na	na
SSAM3-02-5BPC	4/23/2010	28028361	1.8	na	na	na	37	na	na	na
SSAM7-05-1BPC	5/5/2010	28032641	3	na	na	na	na	na	na	na
SSAM7-05-5BPC	5/5/2010	28032641	3.9	na	na	na	na	na	na	na
SSAM7-06-1BPC	9/2/2010	28071031	26	na	na	na	na	na	na	na
SSAM7-06-2BPC	9/2/2010	28071031	15	na	na	na	na	na	na	na

TABLE 1b
Summary of Soil Sample Analytical Results - Metals
(mg/kg)

Sample ID	Sample Date	Lab Report ID	Arsenic	Barium	Cadmium	Chromium (Total)	Lead	Mercury	Selenium	Silver
SSAM7-06-3BPC	9/2/2010	28071031	19	na	na	na	na	na	na	na
SSAM7-07-1BPC	9/2/2010	28071031	17	na	na	na	na	na	na	na
SSAM7-07-2BPC	9/2/2010	28071031	34	na	na	na	na	na	na	na
SSAM7-07-3BPC	9/2/2010	28071031	20	na	na	na	na	na	na	na
SSAM7-07-3BPC_FD	9/2/2010	28071031	22	na	na	na	na	na	na	na
SSAN7-04-1BPC	9/2/2010	28071031	22	na	na	na	na	na	na	na
SSAN7-04-2BPC	9/2/2010	28071031	47	na	na	na	na	na	na	na
SSAN7-04-3BPC	9/2/2010	28071031	160	na	na	na	na	na	na	na
SSAN7-05-1BPC	9/2/2010	28071031	24	na	na	na	na	na	na	na
SSAN7-05-1BPC_FD	9/2/2010	28071031	20	na	na	na	na	na	na	na
SSAN7-05-2BPC	9/2/2010	28071031	12	na	na	na	na	na	na	na
SSAN7-05-3BPC	9/2/2010	28071031	4.2	na	na	na	na	na	na	na

Notes:

Samples analyzed using EPA Methods 6010 and 6020.

mg/kg: Results are reported in milligrams per kilogram

Only compounds where the US Environmental Protection Agency has established a toxicity characteristic concentration are shown

na: not analyzed

TABLE 1c
Summary of Soil Sample TCLP Analytical Results - Metals
(mg/L)

Sample ID	Sample Date	Lab Report ID	Arsenic	Chromium (Total)	Lead	Mercury
SB24_COMP	8/18/2010	28066381	< 0.022	< 0.0030	< 0.013	< 0.00003
SB25_COMP	8/18/2010	28066381	< 0.022	< 0.0030	< 0.013	< 0.00003
SB26_COMP	8/18/2010	28066381	0.38	0.023	< 0.013	< 0.00003
SB27_COMP	8/18/2010	28066381	0.048	0.04	< 0.013	< 0.00003
SB28_COMP	8/18/2010	28066381	< 0.022	0.0049	< 0.013	< 0.00003
SB32_COMP	8/19/2010	28066381	0.023	0.038	< 0.013	0.000099
SB33_COMP	8/19/2010	28066381	0.059	0.083	< 0.013	< 0.00003
SB35_COMP	8/19/2010	28066381	0.037	0.036	< 0.013	< 0.00003
SB36_COMP	8/19/2010	28066381	< 0.022	0.0036	< 0.013	< 0.00003
SB37_COMP	8/19/2010	28066381	< 0.022	< 0.0030	< 0.013	< 0.00003
SB38_COMP	8/12/2010	28063841	0.13	0.026	0.21	< 0.00003

Notes:

Samples analyzed using EPA Methods 6010 and 6020.

Samples are composite samples formed from up to 3 discrete samples

mg/L: Results are reported in milligrams per liter

TCLP: Toxicity Characteristic Leaching Procedure

TABLE 2a
Summary of Statistical Analysis
Analytical Results for VOCs (mg/kg)

Parameter	Unit	Benzene	Carbon tetrachloride	Chloro-benzene	Chloroform	Tetra-chloroethene	Trichloro-ethene	Vinyl Chloride	1,4-Dichloro-benzene	1,2-Dichloro-ethane	1,1-Dichloro-ethene	2-Butanone
Number of Samples	each	23	23	23	23	23	23	23	23	23	23	23
Number of Non-Detects	each	23	23	19	8	22	22	23	16	23	23	13
Number of Detects	each	0	0	4	15	1	1	0	7	0	0	10
Mean Concentration	mg/kg	0.0004	0.001	0.001	0.001	0.0005	0.0004	0.0004	0.003	0.0004	0.0004	0.001
TCLP Concentration	mg/l	0.5	0.5	100	6	0.7	0.5	0.2	8	0.5	0.7	200
"TCLP x 20" Concentration	mg/kg	10	10	2000	120	14	10	4	150	10	14	4000
90% UCL Concentration	**mg/kg**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**

Notes:

Samples analyzed for VOCs using EPA Method 8260B.

TCLP: Toxicity Characteristic Leaching Procedure

NC: Not Calculated (no samples contained detected analyte concentration > "TCLP x 20")

VOCs: Volatile Organic Compounds

TABLE 2b
Summary of Soil Sample Analytical Results - VOCs
(mg/kg)

Sample ID	Date	Lab Report ID	Benzene	Carbon tetrachloride	Chloro-benzene	Chloroform	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	1,4-Dichloro-	1,2-Dichloro-ethane	1,1-Dichloro-ethene	2-Butanone
SA107-0.5B	8/11/2009	R0904512	< 0.00030	< 0.00030	< 0.00031	< 0.00028	< 0.00032	< 0.00026	< 0.00031	< 0.00046	< 0.00023	< 0.00024	< 0.00049
SA107009-10B	8/11/2009	R0904512	< 0.00034	< 0.00033	< 0.00035	0.0016	< 0.00036	< 0.00029	< 0.00035	< 0.00051	< 0.00026	< 0.00027	< 0.00055
SA107-10B	8/11/2009	R0904512	< 0.00044	< 0.00043	< 0.00045	0.0016	< 0.00046	< 0.00038	< 0.00045	< 0.00066	< 0.00033	< 0.00035	< 0.00072
SA128-0.5B	9/16/2009	R0905260	< 0.00083	< 0.00081	< 0.00087	< 0.00078	< 0.00089	< 0.00072	< 0.00085	< 0.0013	< 0.00063	< 0.00067	< 0.0014
SA128-10B	9/16/2009	R0905260	< 0.00050	< 0.00049	< 0.00052	0.0013	0.00068	< 0.00043	< 0.00051	< 0.00076	< 0.00038	< 0.00040	0.0011
SA131-0.5B	7/23/2009	R0904102	< 0.00029	< 0.00029	0.00068	0.00041	< 0.00031	< 0.00026	< 0.00030	0.00083	< 0.00022	< 0.00024	< 0.00048
SA131009-0.5B	7/23/2009	R0904102	< 0.00051	< 0.00050	0.0011	< 0.00048	< 0.00054	< 0.00044	< 0.00052	0.0072	< 0.00039	< 0.00041	< 0.00084
SA131-10B	7/23/2009	R0904102	< 0.00044	< 0.00043	< 0.00046	0.00083	< 0.00047	< 0.00038	< 0.00045	< 0.00066	< 0.00033	< 0.00035	0.00074
SA14-0.5	11/8/2006	ENSR110306	< 0.000169	< 0.000904	< 0.000124	0.00028	< 0.000274	< 0.000358	< 0.000237	0.00093	< 0.000438	< 0.000549	< 0.00137
SA14-10	11/8/2006	ENSR110306	< 0.000169	< 0.000904	< 0.000124	0.00078	< 0.000274	< 0.000358	< 0.000237	0.00099	< 0.000438	< 0.000549	< 0.00137
SA154-0.5B	8/24/2009	R0904797	< 0.00054	< 0.00053	< 0.00056	0.003	< 0.00057	< 0.00047	< 0.00055	< 0.00082	< 0.00041	< 0.00043	0.0012
SA154-10B	8/24/2009	R0904797	< 0.00051	< 0.00050	< 0.00053	0.002	< 0.00054	< 0.00044	< 0.00052	< 0.00077	< 0.00039	< 0.00041	0.0033
SA155-0.5B	8/11/2009	R0904512	< 0.00031	< 0.00031	< 0.00033	0.00052	< 0.00033	< 0.00027	< 0.00032	< 0.00047	< 0.00024	< 0.00025	0.0013
SA155009-0.5B	8/11/2009	R0904512	< 0.00042	< 0.00041	< 0.00044	< 0.00039	< 0.00044	< 0.00036	< 0.00043	< 0.00063	< 0.00032	< 0.00034	0.0015
SA155-10B	8/11/2009	R0904512	< 0.00042	< 0.00041	< 0.00044	0.00045	< 0.00045	< 0.00036	< 0.00043	< 0.00063	< 0.00032	< 0.00034	0.0031
SA165-0.5B	9/17/2009	R0905331	< 0.00055	< 0.00054	< 0.00057	< 0.00051	< 0.00059	< 0.00048	< 0.00056	< 0.00083	< 0.00042	< 0.00044	< 0.00091
SA165-10B	9/17/2009	R0905331	< 0.00049	< 0.00048	< 0.00051	0.0005	< 0.00052	< 0.00043	< 0.00050	< 0.00075	< 0.00038	< 0.00040	0.00087
SA17-0.5	11/15/2006	ENSR111006	< 0.000169	< 0.000904	< 0.000124	< 0.000142	< 0.000274	< 0.000358	< 0.000237	< 0.000108	< 0.000438	< 0.000549	< 0.00137
SA17-0.5D	11/15/2006	ENSR111006	< 0.000169	< 0.000904	< 0.000124	< 0.000142	< 0.000274	< 0.000358	< 0.000237	< 0.000108	< 0.000438	< 0.000549	< 0.00137
SA17-10	11/15/2006	ENSR111006	< 0.000169	< 0.000904	< 0.000124	< 0.000142	< 0.000274	< 0.000358	< 0.000237	< 0.000108	< 0.000438	< 0.000549	< 0.00137
SA66-0.5B	9/21/2009	R0905387	< 0.00049	< 0.00048	0.0056	0.0048	< 0.00052	0.00044	< 0.00050	0.012	< 0.00038	< 0.00040	< 0.00081
SA66009-0.5B	9/21/2009	R0905387	< 0.00057	< 0.00056	0.01	0.0037	< 0.00061	< 0.00050	< 0.00059	0.038	< 0.00044	< 0.00046	0.0017
SA66-10B	9/21/2009	R0905387	< 0.00059	< 0.00058	< 0.00062	0.00099	< 0.00063	< 0.00051	< 0.00060	0.0022	< 0.00045	< 0.00048	0.0025

Notes:

Samples analyzed for VOCs using EPA Method 8260B.

VOCs: Volatile Organic Compounds

TABLE 3a
Summary of Statistical Analysis
Analytical Results for SVOCs (mg/kg)

Parameter	Unit	Hexachlorobenzene[1]		Hexachlorobutadiene	Nitrobenzene	Pyridine
Number of Samples	each	96	3	23	96	96
Number of Non-Detects	each	19	3	15	96	96
Number of Detects	each	77	0	8	0	0
Mean Concentration	mg/kg	1.31	0.015	0.010	0.020	0.150
TCLP Concentration	mg/l	0.13	0.13	0.5	2	5
"TCLP x 20" Concentration	mg/kg	2.6	2.6	10	40	100
90% UCL Concentrations	**mg/kg**	**1.849**	**NC**	**NC**	**NC**	**NC**

Notes:

Samples analyzed for SVOCs using EPA Method 8270C.

1 The first column shows results for total concentrations and the second column shows results for soluble concentrations of chemicals

TCLP: Toxicity Characteristic Leaching Procedure

NC: Not Calculated (no samples contained detected analyte concentration > TCLP or "TCLP x 20")

SVOCs: Semi Volatile Organic Compounds

TABLE 3b
Summary of Soil Sample Analytical Results - SVOCs
(mg/kg)

Sample ID	Date	Lab Report ID	Hexachloro-benzene	Hexachloro-butadiene	Nitrobenzene	Pyridine
BDT-1-N-10-2BPC	8/27/2010	28068861	2.4	na	< 0.023	< 0.14
BDT-1-N-10-4BPC	8/27/2010	28068861	0.79	na	< 0.024	< 0.14
BDT-1-N-10-6BPC	8/27/2010	28068861	2.3	na	< 0.023	< 0.14
BDT-1-N-10-8BPC	8/27/2010	28068861	0.13	na	< 0.023	< 0.13
BDT-1-N-10-8BPC_FD	8/27/2010	28068861	0.18	na	< 0.023	< 0.14
BDT-1-N-15-2BPC	8/27/2010	28068861	1.7	na	< 0.022	< 0.13
BDT-1-N-15-4BPC	8/27/2010	28068861	4	na	< 0.022	< 0.13
BDT-1-N-15-6BPC	8/27/2010	28068861	0.65	na	< 0.022	< 0.13
BDT-1-N-15-8BPC	8/27/2010	28068861	0.47	na	< 0.023	< 0.14
BDT-1-N-20-2BPC	8/27/2010	28068861	0.13	na	< 0.023	< 0.14
BDT-1-N-20-4BPC	8/27/2010	28068861	< 0.03	na	< 0.023	< 0.13
BDT-1-N-20-6BPC	8/27/2010	28068861	< 0.03	na	< 0.023	< 0.13
BDT-1-N-20-8BPC	8/27/2010	28068861	< 0.029	na	< 0.022	< 0.13
BDT-1-N-5-2BPC	8/27/2010	28068861	< 0.03	na	< 0.023	< 0.13
BDT-1-N-5-4BPC	8/27/2010	28068861	< 0.03	na	< 0.023	< 0.13
BDT-1-N-5-6BPC	8/27/2010	28068861	0.038	na	< 0.023	< 0.14
BDT-1-N-5-8BPC	8/27/2010	28068861	< 0.029	na	< 0.022	< 0.13
BDT-1-N-5-8BPC_FD	8/27/2010	28068861	< 0.03	na	< 0.023	< 0.13
BDT-1-S-5-2BPC	8/30/2010	28069561	< 0.03	na	< 0.023	< 0.13
BDT-1-S-5-4BPC	8/30/2010	28069561	< 0.03	na	< 0.023	< 0.13
BDT-1-S-5-6BPC	8/30/2010	28069561	< 0.03	na	< 0.023	< 0.14
BDT-1-S-5-8BPC	8/30/2010	28069561	< 0.03	na	< 0.023	< 0.14
BDT-2-N-5-2BPC	8/25/2010	28068181	0.082	na	< 0.023	< 0.14
BDT-2-N-5-4BPC	8/25/2010	28068181	< 0.029	na	< 0.022	< 0.13
BDT-2-S-10-2BPC	8/26/2010	28068511	1.5	na	< 0.023	< 0.14
BDT-2-S-10-4BPC	8/26/2010	28068511	0.36	na	< 0.023	< 0.14
BDT-2-S-15-2BPC	8/26/2010	28068511	0.95	na	< 0.022	< 0.13
BDT-2-S-15-2BPC_FD	8/26/2010	28068511	0.51	na	< 0.023	< 0.14
BDT-2-S-15-4BPC	8/26/2010	28068511	0.36	na	< 0.023	< 0.14
BDT-2-S-20-2BPC	8/26/2010	28068511	< 0.03	na	< 0.023	< 0.14
BDT-2-S-20-4BPC	8/26/2010	28068511	0.26	na	< 0.024	< 0.14
BDT-2-S-5-2BPC	8/26/2010	28068511	28	na	< 0.025	< 0.15
BDT-2-S-5-4BPC	8/26/2010	28068511	0.41	na	< 0.023	< 0.13
BDT-3-N-5-10BPC	8/23/2010	28067411	< 0.032	na	< 0.024	< 0.14
BDT-3-N-5-2BPC	8/23/2010	28067411	0.04	na	< 0.024	< 0.14
BDT-3-N-5-4BPC	8/23/2010	28067411	0.1	na	< 0.023	< 0.14
BDT-3-N-5-8BPC_FD	8/23/2010	28067411	< 0.032	na	< 0.024	< 0.14
BDT-3-S-5-10BPC	8/24/2010	28067831	0.12	na	< 0.024	< 0.14
BDT-3-S-5-2BPC	8/24/2010	28067831	0.04	na	< 0.024	< 0.14
BDT-3-S-5-4BPC	8/24/2010	28067831	0.052	na	< 0.023	< 0.14
BDT-3-S-5-6BPC	8/24/2010	28067831	0.092	na	< 0.024	< 0.14
BDT-3-S-5-8BPC	8/24/2010	28067831	0.062	na	< 0.023	< 0.14
SA107-0.5B	8/11/2009	R0904512	1.2	< 0.00049	< 0.018	< 0.27
SA107009-10B	8/11/2009	R0904512	0.064	< 0.00055	< 0.0019	< 0.028
SA107-1.5BR	12/15/2009	R0907070	0.21	na	< 0.0019	< 0.028
SA107-10B	8/11/2009	R0904512	0.11	< 0.00071	< 0.0093	< 0.14
SA107-1BR	12/15/2009	R0907070	0.85	na	< 0.0055	< 0.082
SA128-0.5B	9/16/2009	R0905260	0.15	0.0029	< 0.02	< 0.3
SA128-10B	9/16/2009	R0905260	< 0.00089	0.002	< 0.0019	< 0.029
SA131-0.5B	7/23/2009	R0904102	0.35	< 0.00048	< 0.0054	< 0.082
SA131009-0.5B	7/23/2009	R0904102	0.94	< 0.00083	< 0.0098	< 0.15
SA131-10B	7/23/2009	R0904102	0.12	< 0.00071	< 0.0020	< 0.029
SA14-0.5	11/8/2006	ENSR110306	0.073	< 0.000216	< 0.0333	< 0.0333
SA14-10	11/8/2006	ENSR110306	< 0.0333	0.00038	< 0.0333	< 0.0333
SA154-0.5B	8/24/2009	R0904797	0.037	0.0024	< 0.0037	< 0.056
SA154-10B	8/24/2009	R0904797	0.0058	< 0.00082	< 0.0019	< 0.029
SA155-0.5B	8/11/2009	R0904512	1.3	< 0.00051	< 0.0054	< 0.082
SA155009-0.5B	8/11/2009	R0904512	1.9	< 0.00068	< 0.018	< 0.27
SA155009-1BR	12/15/2009	R0907070	0.49	na	< 0.0091	< 0.14
SA155-1.5BR	12/14/2009	R0907070	0.33	na	< 0.0037	< 0.055

TABLE 3b
Summary of Soil Sample Analytical Results - SVOCs
(mg/kg)

Sample ID	Date	Lab Report ID	Hexachloro-benzene	Hexachloro-butadiene	Nitrobenzene	Pyridine
SA155-10B	8/11/2009	R0904512	0.3	< 0.00068	< 0.0055	< 0.083
SA155-1BR	12/14/2009	R0907070	0.94	na	< 0.0091	< 0.14
SA165-0.5B	9/17/2009	R0905331	3.3	0.0011	< 0.04	< 0.61
SA165-1.5BR	12/16/2009	R0907146	0.014	na	< 0.0021	< 0.032
SA165-10B	9/17/2009	R0905331	< 0.00088	< 0.00080	< 0.0019	< 0.028
SA165-1BR	12/16/2009	R0907146	0.055	na	< 0.0073	< 0.11
SA17-0.5	11/15/2006	ENSR111006	0.061	< 0.000216	< 0.0333	< 0.0333
SA17-0.5D	11/15/2006	ENSR111006	0.045	< 0.000216	< 0.0333	< 0.0333
SA17-10	11/15/2006	ENSR111006	0.057	< 0.000216	< 0.0333	< 0.0333
SA66-0.5B	9/21/2009	R0905387	4.2	0.03	< 0.038	< 0.57
SA66009-0.5B	9/21/2009	R0905387	4.3	0.09	< 0.038	< 0.57
SA66-1.5BR	12/16/2009	R0907146	11	na	< 0.093	< 1.4
SA66-10B	9/21/2009	R0905387	0.31	0.0024	< 0.0019	< 0.029
SA66-1BR	12/16/2009	R0907146	2.4	na	< 0.019	< 0.29
SSAM2-01-3BPC	4/22/2010	28027714	0.8	na	< 0.025	< 0.15
SSAM2-01-4BPC	4/22/2010	28027714	0.88	na	< 0.025	< 0.15
SSAM3-01-2BPC	4/13/2010	28024004	0.83	na	< 0.024	< 0.14
SSAM3-02-11BPC	5/19/2010	28037601	1.3	na	< 0.023	< 0.14
SSAM3-02-11BPC_FD	5/19/2010	28037601	1.7	na	< 0.023	< 0.14
SSAM7-05-1BPC	5/5/2010	28032643	< 0.03	na	< 0.023	< 0.14
SSAM7-06-1BPC	9/2/2010	28071031	0.24	na	< 0.024	< 0.14
SSAM7-06-2BPC	9/2/2010	28071031	0.11	na	< 0.023	< 0.14
SSAM7-06-3BPC	9/2/2010	28071031	0.34	na	< 0.024	< 0.14
SSAM7-07-1BPC	9/2/2010	28071031	1.2	na	< 0.024	< 0.14
SSAM7-07-2BPC	9/2/2010	28071031	1.2	na	< 0.025	< 0.15
SSAM7-07-3BPC	9/2/2010	28071031	1	na	< 0.024	< 0.14
SSAM7-07-3BPC_FD	9/2/2010	28071031	0.67	na	< 0.024	< 0.14
SSAN7-04-1BPC	9/2/2010	28071031	23	na	< 0.024	< 0.14
SSAN7-04-2BPC	9/2/2010	28071031	6.2	na	< 0.024	< 0.14
SSAN7-04-3BPC	9/2/2010	28071031	1.4	na	< 0.024	< 0.14
SSAN7-04-4BPC	9/2/2010	28071031	0.4	na	< 0.024	< 0.14
SSAN7-04-5BPC	9/2/2010	28071031	0.28	na	< 0.024	< 0.14
SSAN7-05-1BPC	9/2/2010	28071031	0.59	na	< 0.025	< 0.15
SSAN7-05-1BPC_FD	9/2/2010	28071031	1.2	na	< 0.024	< 0.14
SSAN7-05-2BPC	9/2/2010	28071031	0.38	na	< 0.024	< 0.14
SSAN7-05-3BPC	9/2/2010	28071031	0.56	na	< 0.024	< 0.14

Notes:

Samples analyzed for SVOCs using EPA Method 8270C

mg/kg: Results are reported in milligrams per kilogram

SVOCs: Semi-Volatile Organic Compounds

Only compounds where the US Environmental Protection Agency has established a toxicity characteristic concentration are shown

na: not analyzed

TABLE 3c
Summary of Soil Sample TCLP Analytical Results - SVOCs
(mg/L)

Sample ID	Date	Lab Report ID	Hexachlorobenzene	Reference[1]
BDT-2-S-5-2BPC_TCLP	10/21/2010	ITJ2256	< 0.015	BDT-2-S-5-2BPC
SA66-1.5_01_BPC_TCLP	10/21/2010	ITJ2256	< 0.015	SA66-1.5BR
SSAN7-04-1.0_01_BPC_TCLP	10/21/2010	ITJ2256	< 0.015	SSAN7-04-1BPC

Notes:

Samples analyzed using EPA Method 8270C.

1 Reference for corresponding Sample ID for total concentration analytical results (see Table 3b)

mg/L: Results are reported in milligrams per liter

TCLP: Toxicity Characteristic Leaching Procedure

SVOCs: Semi Volatile Organic Compounds

TABLE 4a
Summary of Statistical Analysis
Analytical Results for Pesticides (mg/kg)

Parameter	Unit	Endrin	Gamma-BHC (Lindane)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Tech-Chlordane	Toxaphene
Number of Samples	each	85	85	85	85	85	85	85
Number of Non-Detects	each	85	84	85	84	61	85	85
Number of Detects	each	0	1	0	1	24	0	0
Mean Concentration	mg/kg	0.16	0.19	0.10	0.18	0.61	0.20	6.16
TCLP Concentration	mg/l	0.02	0.4	0.008	0.008	10.0	0.03	0.5
"TCLP x 20"	mg/kg	0.4	8	0.16	0.16	200	0.6	10
90% UCL Concentrations	**mg/kg**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**

Notes:

Samples analyzed for chlorinated pesticides using EPA Method 8081A.

TCLP: Toxicity Characteristic Leaching Procedure

NC: Not Calculated (no samples contained detected analyte concentration > "TCLP x 20")

TABLE 4b
Summary of Soil Sample Analytical Results - Pesticides
(mg/kg)

Sample ID	Date	Lab Report ID	Endrin	Gamma-BHC (Lindane)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Tech-Chlordane	Toxaphene
BDT-1-N-10-2BPC	8/27/2010	28068861	< 0.00031	0.00092	< 0.00022	< 0.00043	< 0.00045	< 0.00022	< 0.016
BDT-1-N-10-4BPC	8/27/2010	28068861	< 0.00033	< 0.00050	< 0.00023	< 0.00046	< 0.00048	< 0.00023	< 0.017
BDT-1-N-10-6BPC	8/27/2010	28068861	< 0.00032	< 0.00049	< 0.00023	< 0.00045	< 0.00048	< 0.00023	< 0.017
BDT-1-N-10-8BPC	8/27/2010	28068861	< 0.00031	< 0.00047	< 0.00022	< 0.00043	< 0.00046	< 0.00022	< 0.016
BDT-1-N-10-8BPC_FD	8/27/2010	28068861	< 0.00033	< 0.00049	< 0.00023	< 0.00045	< 0.00048	< 0.00023	< 0.017
BDT-1-N-15-2BPC	8/27/2010	28068861	< 0.00033	< 0.00049	< 0.00023	< 0.00045	< 0.00048	< 0.00023	< 0.017
BDT-1-N-15-4BPC	8/27/2010	28068861	< 0.00033	< 0.00050	< 0.00023	< 0.00045	< 0.00048	< 0.00023	< 0.017
BDT-1-N-15-6BPC	8/27/2010	28068861	< 0.00032	< 0.00048	< 0.00022	< 0.00044	0.013	< 0.00022	< 0.016
BDT-1-N-15-8BPC	8/27/2010	28068861	< 0.00033	< 0.00049	< 0.00023	< 0.00045	< 0.00048	< 0.00023	< 0.017
BDT-1-N-20-2BPC	8/27/2010	28068861	< 0.00032	< 0.00049	< 0.00022	< 0.00045	0.0011	< 0.00022	< 0.017
BDT-1-N-20-4BPC	8/27/2010	28068861	< 0.00032	< 0.00049	< 0.00022	< 0.00045	< 0.00047	< 0.00022	< 0.017
BDT-1-N-20-6BPC	8/27/2010	28068861	< 0.00031	< 0.00047	< 0.00021	< 0.00043	< 0.00045	< 0.00021	< 0.016
BDT-1-N-20-8BPC	8/27/2010	28068861	< 0.00033	< 0.00050	< 0.00023	< 0.00046	< 0.00049	< 0.00023	< 0.017
BDT-1-N-5-2BPC	8/27/2010	28068861	< 0.00032	< 0.00048	< 0.00022	< 0.00044	< 0.00046	< 0.00022	< 0.016
BDT-1-N-5-4BPC	8/27/2010	28068861	< 0.00032	< 0.00049	< 0.00022	< 0.00045	< 0.00047	< 0.00022	< 0.017
BDT-1-N-5-6BPC	8/27/2010	28068861	< 0.00032	< 0.00049	< 0.00022	< 0.00045	< 0.00047	< 0.00022	< 0.017
BDT-1-N-5-8BPC	8/27/2010	28068861	< 0.00032	< 0.00048	< 0.00022	< 0.00044	0.0012	< 0.00022	< 0.016
BDT-1-N-5-8BPC_FD	8/27/2010	28068861	< 0.00031	< 0.00047	< 0.00022	< 0.00043	0.0019	< 0.00022	< 0.016
BDT-1-S-5-2BPC	8/30/2010	28069561	< 0.00030	< 0.00046	< 0.00021	< 0.00042	< 0.00045	< 0.00021	< 0.016
BDT-1-S-5-4BPC	8/30/2010	28069561	< 0.00031	< 0.00048	< 0.00022	< 0.00044	< 0.00046	< 0.00022	< 0.016
BDT-1-S-5-6BPC	8/30/2010	28069561	< 0.00032	< 0.00048	< 0.00022	< 0.00044	< 0.00047	< 0.00022	< 0.016
BDT-1-S-5-8BPC	8/30/2010	28069561	< 0.00032	< 0.00049	< 0.00023	< 0.00045	< 0.00048	< 0.00023	< 0.017
BDT-4-N-5-10BPC	8/24/2010	28067831	< 0.00031	< 0.00047	< 0.00022	< 0.00043	< 0.00046	< 0.00022	< 0.016
BDT-4-N-5-2BPC	8/24/2010	28067831	< 0.00030	< 0.00045	< 0.00021	< 0.00042	0.0021	< 0.00021	< 0.015
BDT-4-N-5-4BPC	8/24/2010	28067831	< 0.00031	< 0.00048	< 0.00022	< 0.00044	< 0.00046	< 0.00022	< 0.016
BDT-4-N-5-6BPC	8/24/2010	28067831	< 0.00033	< 0.00050	< 0.00023	< 0.00046	< 0.00049	< 0.00023	< 0.017
BDT-4-N-5-8BPC	8/24/2010	28067831	< 0.00033	< 0.00050	< 0.00023	< 0.00046	< 0.00049	< 0.00023	< 0.017
BDT-4-S-5-10BPC	8/24/2010	28067831	< 0.00033	< 0.00050	< 0.00023	< 0.00045	< 0.00048	< 0.00023	< 0.017
BDT-4-S-5-2BPC	8/24/2010	28067831	< 0.00031	< 0.00046	< 0.00021	< 0.00043	0.003	< 0.00021	< 0.016
BDT-4-S-5-4BPC	8/24/2010	28067831	< 0.00033	< 0.00050	< 0.00023	< 0.00046	0.0094	< 0.00023	< 0.017
BDT-4-S-5-6BPC	8/24/2010	28067831	< 0.00033	< 0.00049	< 0.00023	< 0.00045	0.0024	< 0.00023	< 0.017
BDT-4-S-5-8BPC	8/24/2010	28067831	< 0.00032	< 0.00048	< 0.00022	< 0.00044	0.0026	< 0.00022	< 0.016
SA107-0.5B	8/11/2009	R0904512	< 0.018	< 0.0088	< 0.0088	< 0.0088	< 0.087	< 0.044	< 0.18
SA107009-10B	8/11/2009	R0904512	< 0.019	< 0.0091	< 0.0091	< 0.0091	< 0.091	< 0.046	< 0.18
SA107-10B	8/11/2009	R0904512	< 0.018	< 0.0091	< 0.0091	< 0.0091	< 0.09	< 0.045	< 0.18
SA128-0.5B	9/16/2009	R0905260	< 0.096	< 0.049	< 0.049	0.14	< 0.48	< 0.24	< 0.96
SA128-1.5BR	12/16/2009	R0907146	< 0.05	< 0.026	< 0.026	< 0.026	< 0.25	< 0.13	< 0.5
SA128-10B	9/16/2009	R0905260	< 0.0019	< 0.00091	< 0.00091	< 0.00091	< 0.0091	< 0.0046	< 0.019
SA128-1BR	12/16/2009	R0907146	< 0.13	< 0.064	< 0.064	< 0.064	< 0.64	< 0.32	< 1.3
SA131-0.5B	7/23/2009	R0904102	< 0.088	< 0.044	< 0.044	< 0.044	< 0.44	< 0.22	< 0.87
SA131009-0.5B	7/23/2009	R0904102	< 0.96	< 0.48	< 0.48	< 0.48	< 4.8	< 2.4	< 9.5
SA131-10B	7/23/2009	R0904102	< 0.019	< 0.0094	< 0.0094	< 0.0094	< 0.093	< 0.047	< 0.19
SA131-1BPC	4/15/2010	28025001	< 0.33	< 0.5	< 0.23	< 0.46	< 0.48	< 0.23	< 17
SA131-1BPC_FD	4/15/2010	28025001	< 0.33	< 0.5	< 0.23	< 0.46	< 0.48	< 0.23	< 17
SA131-3BPC	4/15/2010	28025001	< 0.0066	< 0.01	< 0.0046	< 0.0092	< 0.0097	< 0.0046	< 0.34
SA131-5BPC	4/15/2010	28025001	< 0.0034	< 0.0052	< 0.0024	< 0.0048	< 0.0050	< 0.0024	< 0.18
SA131-7BPC	4/15/2010	28025001	< 0.0034	< 0.0051	< 0.0024	< 0.0047	< 0.0050	< 0.0024	< 0.17
SA131-9BPC	4/15/2010	28025001	< 0.0034	< 0.0051	< 0.0024	< 0.0047	< 0.0050	< 0.0024	< 0.17
SA14-0.5	11/8/2006	ENSR110306	< 0.0001946	< 0.0002514	< 0.0001	< 0.0001378	< 0.0001778	< 0.0030871	< 0.006576
SA154-0.5B	8/24/2009	R0904797	< 0.018	< 0.0091	< 0.0091	< 0.0091	< 0.09	< 0.045	< 0.18
SA154-10B	8/24/2009	R0904797	< 0.0019	< 0.00092	< 0.00092	< 0.00092	< 0.0092	< 0.0046	< 0.019
SA165-0.5B	9/17/2009	R0905331	< 0.39	< 0.2	< 0.2	< 0.2	< 2	< 0.97	< 3.9
SA165-10B	9/17/2009	R0905331	< 0.0018	< 0.00090	< 0.00090	< 0.00090	< 0.0090	< 0.0045	< 0.018
SA17-0.5	11/15/2006	ENSR111006	< 0.0001946	< 0.0002514	< 0.0001	< 0.0001378	0.045	< 0.0030871	< 0.006576
SA17-0.5D	11/15/2006	ENSR111006	< 0.0001946	< 0.0002514	< 0.0001	< 0.0001378	0.055	< 0.0030871	< 0.006576
SA66-0.5B	9/21/2009	R0905387	< 0.92	< 0.46	< 0.46	< 0.46	< 4.6	< 2.3	< 9.1
SA66009-0.5B	9/21/2009	R0905387	< 0.91	< 0.46	< 0.46	< 0.46	< 4.6	< 2.3	< 9.1
SA66-1.5BR	12/16/2009	R0907146	< 0.18	< 0.091	< 0.091	< 0.091	< 0.9	< 0.45	< 1.8
SA66-10B	9/21/2009	R0905387	< 0.092	< 0.047	< 0.047	< 0.047	< 0.46	< 0.23	< 0.92
SA66-1BR	12/16/2009	R0907146	< 0.19	< 0.092	< 0.092	< 0.092	< 0.91	< 0.46	< 1.9
SSAL8-02-10BPC	8/12/2010	28063851	< 0.00033	< 0.00050	< 0.00023	< 0.00045	0.007	< 0.00023	< 0.017
SSAL8-02-1BPC	8/12/2010	28063851	< 0.00032	< 0.00048	< 0.00022	< 0.00044	< 0.00047	< 0.00022	< 0.016
SSAL8-02-5BPC	8/12/2010	28063851	< 0.00033	< 0.00051	< 0.00023	< 0.00047	0.0014	< 0.00023	< 0.017
SSAM2-01-1BPC	4/22/2010	28027711	< 0.33	< 0.5	< 0.23	< 0.46	1	< 0.23	< 17
SSAM2-01-1BPC_FD	4/22/2010	28027711	< 0.34	< 0.52	< 0.24	< 0.47	< 0.5	< 0.24	< 18
SSAM2-01-3BPC	4/22/2010	28027711	< 0.07	< 0.11	< 0.049	< 0.097	0.88	< 0.049	< 3.6
SSAM2-01-4BPC	4/22/2010	28027715	< 0.035	< 0.053	< 0.024	< 0.049	0.38	< 0.024	< 1.8
SSAM2-01-5BPC	4/22/2010	28027711	< 0.017	< 0.026	< 0.012	< 0.024	0.17	< 0.012	< 0.89

TABLE 4b
Summary of Soil Sample Analytical Results - Pesticides
(mg/kg)

Sample ID	Date	Lab Report ID	Endrin	Gamma-BHC (Lindane)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Tech-Chlordane	Toxaphene
SSAM2-01-7BPC	4/22/2010	28027711	< 0.017	< 0.026	< 0.012	< 0.024	0.14	< 0.012	< 0.89
SSAM2-01-9BPC	4/22/2010	28027711	< 0.035	< 0.053	< 0.025	< 0.049	0.38	< 0.025	< 1.8
SSAM3-01-1BPC	4/13/2010	28024001	< 1.3	< 2	< 0.92	< 1.8	< 1.9	< 0.92	< 68
SSAM3-01-2BPC	4/13/2010	28024008	< 0.034	< 0.052	< 0.024	< 0.048	0.31	< 0.024	< 1.8
SSAM3-01-3BPC	4/13/2010	28024001	< 0.016	< 0.025	< 0.012	< 0.023	< 0.024	< 0.012	< 0.85
SSAM3-01-5BPC	4/13/2010	28024001	< 0.018	< 0.027	< 0.012	< 0.025	< 0.026	< 0.012	< 0.91
SSAM3-01-7BPC	4/13/2010	28024001	< 0.069	< 0.1	< 0.048	< 0.096	< 0.1	< 0.048	< 3.6
SSAM3-01-7FD	4/13/2010	28024001	< 0.07	< 0.11	< 0.049	< 0.098	< 0.1	< 0.049	< 3.6
SSAM3-01-9BPC	4/13/2010	28024001	< 0.0068	< 0.01	< 0.0048	< 0.0095	< 0.01	< 0.0048	< 0.35
SSAM3-02-11BPC	5/19/2010	28037601	< 0.032	< 0.049	< 0.023	< 0.045	< 0.048	< 0.023	< 1.7
SSAM3-02-11BPC_FD	5/19/2010	28037601	< 0.016	< 0.025	< 0.011	< 0.023	< 0.024	< 0.011	< 0.84
SSAM3-02-1BPC	4/23/2010	28028361	< 1.7	< 2.6	< 1.2	< 2.4	5.6	< 1.2	< 88
SSAM3-02-1BPC_FD	4/23/2010	28028361	< 1.7	< 2.6	< 1.2	< 2.4	9.6	< 1.2	< 88
SSAM3-02-3BPC	4/23/2010	28028361	< 0.69	< 1	< 0.48	< 0.96	2.4	< 0.48	< 36
SSAM3-02-5BPC	4/23/2010	28028361	< 1.6	< 2.5	< 1.1	< 2.3	< 2.4	< 1.1	< 84
SSAM3-02-7BPC	4/23/2010	28028361	< 0.16	< 0.25	< 0.11	< 0.23	< 0.24	< 0.11	< 8.4
SSAM3-02-9BPC	4/23/2010	28028361	< 0.33	< 0.5	< 0.23	< 0.46	3.7	< 0.23	< 17

Notes:

Samples analyzed for chlorinated pesticides using EPA Method 8081A

mg/kg: Results are reported in milligrams per kilogram

Only compounds are shown where the US Environmental Protection Agency has established a toxicity characteristic concentration

na: not analyzed

TABLE 5
Summary of 90% UCL Calculations

Arsenic

Number of Valid Observations	100
Number of Distinct Observations	73
Minimum	0.97
Maximum	385
Mean	16.22
Median	5.8
SD	42.35
Variance	1794
Coefficient of Variation	2.611
Skewness	7.287
Mean of log data	1.983
SD of log data	1.068
90% Useful UCLs	
Student's-t UCL	21.68
90% UCLs (Adjusted for Skewness)	
90% Adjusted-CLT UCL	23.85
90% Modified-t UCL	22.2
Non-Parametric UCLs	
90% CLT UCL	21.65
90% Jackknife UCL	21.68
90% Standard Bootstrap UCL	21.6
90% Bootstrap-t UCL	29.79
90% Hall's Bootstrap UCL	47.65
90% Percentile Bootstrap UCL	22.17
90% BCA Bootstrap UCL	24.97
90% Chebyshev(Mean, Sd) UCL	28.93
95% Chebyshev(Mean, Sd) UCL	34.68
97.5% Chebyshev(Mean, Sd) UCL	42.67
99% Chebyshev(Mean, Sd) UCL	58.36

TABLE 5
Summary of 90% UCL Calculations

Arsenic TCLP

Total Number of Data	11
Number of Non-Detect Data	5
Number of Detected Data	6
Minimum Detected	0.023
Maximum Detected	0.38
Percent Non-Detects	45.45%
Minimum Non-detect	0.022
Maximum Non-detect	0.022

Mean of Detected Data	0.113
Median of Detected Data	0.0535
SD of Detected Data	0.136
k Star of Detected Data	0.706
Theta Star of Detected Data	0.16
Nu Star of Detected Data	8.477

Note: There are only 6 Detected Values in this data
It should be noted that even though bootstrap may be performed on this data set
the resulting calculations may not be reliable enough to draw conclusions
It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.

Gamma Distribution Test with Detected Values Only

A-D Test Statistic	0.483
5% A-D Critical Value	0.712
K-S Test Statistic	0.291
5% K-S Critical Value	0.34

Data appear Gamma Distributed at 5% Significance Level

TABLE 5
Summary of 90% UCL Calculations

Gamma ROS Statistics with Extrapolated Data	
Minimum	0.000000001
Maximum	0.38
Mean	0.0959
Median	0.059
SD	0.109
k Star	0.309
Theta Star	0.31
Nu Star	6.806
90% Percentile of Chisquare (2k)	1.818
AppChi2	2.71
90% Gamma Approximate UCL	0.241
90% Gamma Adjusted UCL	0.272
Kaplan Meier(KM) Method	
Mean	0.072
SD	0.102
Standard Error of Mean	0.0337
90% KM (t) UCL	0.118
90% KM (BCA) UCL	0.135
90% KM (Percentile Bootstrap) UCL	0.118
90% KM (Chebyshev) UCL	0.173
Chromium (Total)	
Number of Valid Observations	25
Number of Distinct Observations	25
Minimum	3.98
Maximum	536
Mean	79.8
Median	20.1
SD	136.6
Variance	18671
Coefficient of Variation	1.712
Skewness	2.303
Mean of log data	3.25
SD of log data	1.465
90% Useful UCLs	
Student's-t UCL	115.8
90% UCLs (Adjusted for Skewness)	
90% Adjusted-CLT UCL	123.8
90% Modified-t UCL	117.9

TABLE 5
Summary of 90% UCL Calculations

Non-Parametric UCLs

90% CLT UCL	114.8
90% Jackknife UCL	115.8
90% Standard Bootstrap UCL	113.7
90% Bootstrap-t UCL	133.7
90% Hall's Bootstrap UCL	123.5
90% Percentile Bootstrap UCL	114.8
90% BCA Bootstrap UCL	121.3
90% Chebyshev(Mean, Sd) UCL	161.8
95% Chebyshev(Mean, Sd) UCL	198.9
97.5% Chebyshev(Mean, Sd) UCL	250.5
99% Chebyshev(Mean, Sd) UCL	351.7

Chromium (Total) TCLP

Total Number of Data	11
Number of Non-Detect Data	3
Number of Detected Data	8
Minimum Detected	0.0036
Maximum Detected	0.083
Percent Non-Detects	27.27%
Minimum Non-detect	0.003
Maximum Non-detect	0.003
Mean of Detected Data	0.0318
SD of Detected Data	0.025

Note: There are only 8 Detected Values in this data
It should be noted that even though bootstrap may be performed on this data set
the resulting calculations may not be reliable enough to draw conclusions
It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.

Normal Distribution Test with Detected Values Only

Shapiro Wilk Test Statistic	0.888
5% Shapiro Wilk Critical Value	0.818

Data appear Normal at 5% Significance Level

DL/2 Substitution Method

Mean	0.0235
SD	0.0253
90% DL/2 (t) UCL	0.034

Note: DL/2 is not a recommended method.

TABLE 5
Summary of 90% UCL Calculations

Maximum Likelihood Method	
Mean	0.0187
SD	0.0304
90% MLE (t) UCL	0.0313
90% MLE (Tiku) UCL	0.0318
Kaplan Meier(KM) Method	
Mean	0.0241
SD	0.0236
Standard Error of Mean	0.0076
90% KM (t) UCL	0.0345
90% KM (z) UCL	0.0339
90% KM (BCA) UCL	0.038
90% KM (Percentile Bootstrap) UCL	0.0354
Lead	
Number of Valid Observations	53
Number of Distinct Observations	47
Minimum	3.6
Maximum	2540
Mean	189.5
Median	8.9
SD	495.2
Variance	245257
Coefficient of Variation	2.614
Skewness	3.725
Mean of log data	3.242
SD of log data	1.798
Data do not follow a Discernable Distribution	
90% Useful UCLs	
Student's-t UCL	277.8
90% UCLs (Adjusted for Skewness)	
90% Adjusted-CLT UCL	301.5
90% Modified-t UCL	283.6

TABLE 5
Summary of 90% UCL Calculations

Non-Parametric UCLs

90% CLT UCL	276.7
90% Jackknife UCL	277.8
90% Standard Bootstrap UCL	276
90% Bootstrap-t UCL	329.7
90% Hall's Bootstrap UCL	331.4
90% Percentile Bootstrap UCL	281.5
90% BCA Bootstrap UCL	311.5
90% Chebyshev(Mean, Sd) UCL	393.6
95% Chebyshev(Mean, Sd) UCL	486
97.5% Chebyshev(Mean, Sd) UCL	614.3
99% Chebyshev(Mean, Sd) UCL	866.3

Non-Parametric UCL Statistics for Data Sets with Non-Detects:

Lead TCLP

Total Number of Data	11

Data set has all detected values equal to = 0.21, having '0' variation.
No reliable or meaningful statistics and estimates can be computed using such a data set.
All relevant statistics such as background statistics (UPLs, UTLs) and UCLs should also be nondetects
Specifically, UPLs, UCLs, UTLs are all less than the maximum detection limit = 0.21

Mercury

Total Number of Data	27
Number of Non-Detect Data	7
Number of Detected Data	20
Minimum Detected	0.005
Maximum Detected	34.2
Percent Non-Detects	25.93%
Minimum Non-detect	0.00668
Maximum Non-detect	0.019
Mean of Detected Data	1.824
Median of Detected Data	0.059
Variance of Detected Data	58.09
SD of Detected Data	7.622
CV of Detected Data	4.179
Skewness of Detected Data	4.47
Mean of Detected log data	-2.749
SD of Detected Log data	2.142

Note: Data have multiple DLs - Use of KM Method is recommended
For all methods (except KM, DL/2, and ROS Methods),
Observations < Largest DL are treated as NDs

Number treated as Non-Detect	14
Number treated as Detected	13
Single DL Percent Detection	51.85%

TABLE 5
Summary of 90% UCL Calculations

Data Distribution Test with Detected Values Only
Data do not follow a Discernable Distribution (0.05)

Winsorization Method	N/A

Kaplan Meier (KM) Method

Mean	1.353
SD	6.443
Standard Error of Mean	1.272
90% KM (t) UCL	3.025
90% KM (z) UCL	2.983
90% KM (BCA) UCL	2.637
90% KM (Percentile Bootstrap) UCL	2.652
95% KM (Chebyshev) UCL	6.898
97.5% KM (Chebyshev) UCL	9.297
99% KM (Chebyshev) UCL	14.01

Hexachlorobenzene

General Statistics

Number of Valid Data	96	Number of Detected Data	77
Number of Distinct Detected Data	65	Number of Non-Detect Data	19
		Percent Non-Detects	19.79%

Raw Statistics

Minimum Detected	0.0058	Minimum Non-detect	0.00088
Maximum Detected	28	Maximum Non-detect	0.0333
Mean of Detected Data	1.625	SD of Detected Data	4.266

Log-Transformed Statistics

Mean of Detected Data	-0.877	SD of Detected Data	1.648

Lognormal Distribution Test with Detected Values Only

Lilliefors Test Statistic	0.0586	5% Lilliefors Critical Value	0.101

Data appear Lognormal at 5% Significance Level

TABLE 5
Summary of 90% UCL Calculations

DL/2 Substitution Method

Mean	1.306	90% H-Stat (DL/2) UCL	2.955
SD	3.869		
Mean (in Log Scale)	-1.606		
SD (in Log Scale)	2.142		

Log ROS Method

Mean	1.306	90% Percentile Bootstrap UCL	1.842
SD	3.869	90% BCA Bootstrap UCL	2.036
Mean (in Log Scale)	-1.591		
SD (in Log Scale)	2.088		

Kaplan Meier (KM) Method

Mean	1.305	90% KM (t) UCL	1.815
SD	3.85	90% KM (BCA) UCL	1.849
SE of Mean	0.395	90% KM (% Bootstrap) UCL	1.84
		90% KM (Chebyshev) UCL	2.491
		95% KM (Chebyshev) UCL	3.029
		97.5% KM (Chebyshev) UCL	3.775
		99% KM (Chebyshev) UCL	5.24

Notes:

= selected 90% UCL
TCLP = Toxicity Characteristic Leaching Procedure

1. The calculation of the 90% Upper Confidence Limit (UCL) for the Phase B data was performed using the ProUCL version 4.00.04 software published by the US Environmental Protection Agency (2009).

2. The data evaluation indicated that none of the concentration data sets followed a discernable distribution. The selection of the UCL statistic to present for the data sets with no non-detected values was based on recommendations included in Tables 15.3 (Computation of 95% UCL of Mean, μ1, Based Upon a Skewed Data Set (with all positive values) without a Discernable Distribution, where σ is sd of Log-Transformed Data) of the referenced document. The selection of the UCL to present for the data sets with non-detected data was based on Table 16 (Recommended UCL95 Computation Methods for Left-Censored Data Sets with Nondetect Observations) of that document. While both tables address the 95% UCL, the underlying selection criteria is valid for the 90% UCL calculations also.