Sample and Analysis Summary
Vitco Incorporated Site Assessment
Nappanee, Indiana
May 9, 2008

US EPA RECORDS CENTER REGION 5
422060

Sample ID	Description	Container Type	Location	Analysis	
VS-WL01-050908+DP	Clear liquid with field pH of 13.5	Vat	Vat Room (12)	TAL Metals, pH	pH = 12.8
VS-WL02-050908	Clear liquid with field pH of 1	Vat	Vat Room (12)	TAL Metals, pH and total cyanide	pH = 1.72
VS-WL03-050908	Oily liquid, solid mixture	Vat	Behind press area	TAL Metals	
VS-WS01-050908	Purple powdery solid	55-gallon Drum	Press area	TAL Metals	
VS-S01-050908	Grey spongy floor solids/soil	Floor solid/soil	Cylinder room	TAL Metals, pH	pH = 10.1
VS-S02-050908	Yellow stained floor solids/soil	Floor solid/soil	Cylinder room	TAL Metals, pH and total cyanide	pH = 6.1
VS-S03-050908	Black soil/fill	Soil stockpile	Northern property line (along the fence)	TAL Metals	
VS-WL04-050908	Black, oily liquid	Small container	Press area	TAL Metals, PCB	
VS-WP01-050908	Brown oily substance	Sample collected from large press machine	Press area	TAL Metals, PCB	

Notes:
PCB - Polychlorinated
Biphenyls
S - Soil

TAL - Target Analyte List
VS - Vitco Site
WL - Waste liquid
WP - Wipe sample
WS - Waste solid

Basic Workplan ✓ — 2 weeks ✓ — mention Health and Safety ✓

Definitly I&SE ✓

Name & # of Project Manager - Assigned Contractor? ✓

Remove Haz prior to Auction ✓
└ w/in 30 days of workplan approval ✓

Auction

Assurance that fluids in machine will be drained & properly disposed of or buyer will be responsible for same issues.

Concerns about floor - still reviewing ✓

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WL04 - 050908**

Lab Sample ID: 510-26790-9
Client Matrix: Waste

Date Sampled: 05/09/2008 1607
Date Received: 05/09/2008 1811

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3580A
Dilution: 1.0
Date Analyzed: 05/13/2008 1042
Date Prepared: 05/12/2008 1630

Analysis Batch: 510-33217
Prep Batch: 510-33157

Instrument ID: SVOA GC - ECD
Lab File ID: B3972.D
Initial Weight/Volume: 0.50 g
Final Weight/Volume: 5 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		<2000		2000
PCB-1221		<2000		2000
PCB-1232		<2000		2000
PCB-1242		<2000		2000
PCB-1248		<2000		2000
PCB-1254		<2000		2000
PCB-1260		<2000		2000

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	23	X	36 - 158
Dibutylchlorendate	0	X	31 - 154

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WP01 - 050908**

Lab Sample ID: 510-26790-10
Client Matrix: Wipe

Date Sampled: 05/09/2008 1610
Date Received: 05/09/2008 1811

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 510-33206		Instrument ID:	SVOA GC - ECD
Preparation:	3580A	Prep Batch: 510-33149		Lab File ID:	B3967.D
Dilution:	10			Initial Weight/Volume:	1 Wipe
Date Analyzed:	05/13/2008 0919	Run Type:	DL	Final Weight/Volume:	50 mL
Date Prepared:	05/12/2008 1536			Injection Volume:	1.0 uL
				Column ID:	PRIMARY

Analyte	Result (ug/Wipe)	Qualifier	RL
PCB-1016	<50		50
PCB-1221	<50		50
PCB-1232	<50		50
PCB-1242	<50		50
PCB-1248	<50		50
PCB-1254	<50		50
PCB-1260	<50		50

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	D	31 - 154
Dibutylchlorendate	0	D	36 - 158

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: ***VS - WLO1 - 050908***

Lab Sample ID:	510-26790-1	Date Sampled:	05/09/2008 1543
Client Matrix:	Water	Date Received:	05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33176		Instrument ID:	TJETraceB
Preparation:	3010A	Prep Batch: 510-33100		Lab File ID:	1150861
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	05/12/2008 2336			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2128				

Analyte	Result (mg/L)	Qualifier	RL
Aluminum	0.51		0.50
Antimony	<0.15		0.15
Arsenic	<0.030		0.030
Barium	0.013		0.010
Cadmium	<0.010		0.010
Manganese	0.029		0.020
Calcium	2.7		1.0
Chromium	<0.010		0.010
Cobalt	<0.020		0.020
Copper	0.12		0.050
Iron	1.7		0.50
Lead	<0.050		0.050
Nickel	0.033		0.010
Selenium	<0.020		0.020
Silver	<0.040		0.040
Thallium	<0.090		0.090
Vanadium	<0.020		0.020

Method:	6010B	Analysis Batch: 510-33252		Instrument ID:	TJETraceC
Preparation:	3010A	Prep Batch: 510-33100		Lab File ID:	41261C
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	05/13/2008 1742			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2128				

Analyte	Result (mg/L)	Qualifier	RL
Beryllium	<0.0050		0.0050
Magnesium	<0.50		0.50
Potassium	66		1.0
Zinc	0.27		0.050

Method:	6010B	Analysis Batch: 510-33330		Instrument ID:	TJETraceC
Preparation:	3010A	Prep Batch: 510-33100		Lab File ID:	41261C
Dilution:	100			Initial Weight/Volume:	50 mL
Date Analyzed:	05/14/2008 1840			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2128				

Analyte	Result (mg/L)	Qualifier	RL
Sodium	8500		150

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WLO1 - 050908**

Lab Sample ID:	510-26790-1	Date Sampled:	05/09/2008 1543
Client Matrix:	Water	Date Received:	05/09/2008 1811

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 510-33355	Instrument ID:	Leeman Hydra AA
Preparation:	7470A	Prep Batch: 510-33336	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/15/2008 1306		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2008 0940			

Analyte	Result (mg/L)	Qualifier	RL
Mercury	<0.00020		0.00020

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WLO1 - 050908 DP**

Lab Sample ID: 510-26790-2
Client Matrix: Water

Date Sampled: 05/09/2008 1543
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33176	Instrument ID:	TJETraceB
Preparation:	3010A	Prep Batch: 510-33100	Lab File ID:	1150861
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/12/2008 2341		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2128			

Analyte	Result (mg/L)	Qualifier	RL
Aluminum	0.50		0.50
Antimony	<0.15		0.15
Arsenic	<0.030		0.030
Barium	<0.010		0.010
Cadmium	<0.010		0.010
Manganese	0.022		0.020
Calcium	2.3		1.0
Chromium	<0.010		0.010
Cobalt	<0.020		0.020
Copper	0.11		0.050
Iron	1.5		0.50
Lead	<0.050		0.050
Nickel	0.026		0.010
Selenium	<0.020		0.020
Silver	<0.040		0.040
Thallium	<0.090		0.090
Vanadium	<0.020		0.020

Method:	6010B	Analysis Batch: 510-33252	Instrument ID:	TJETraceC
Preparation:	3010A	Prep Batch: 510-33100	Lab File ID:	41261C
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/13/2008 1748		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2128			

Analyte	Result (mg/L)	Qualifier	RL
Beryllium	<0.0050		0.0050
Magnesium	<0.50		0.50
Potassium	60		1.0
Zinc	0.25		0.050

Method:	6010B	Analysis Batch: 510-33330	Instrument ID:	TJETraceC
Preparation:	3010A	Prep Batch: 510-33100	Lab File ID:	41261C
Dilution:	100		Initial Weight/Volume:	50 mL
Date Analyzed:	05/14/2008 1845		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2128			

Analyte	Result (mg/L)	Qualifier	RL
Sodium	14000		150

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WLO1 - 050908 DP**

Lab Sample ID:	510-26790-2	Date Sampled:	05/09/2008 1543
Client Matrix:	Water	Date Received:	05/09/2008 1811

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 510-33355	Instrument ID:	Leeman Hydra AA
Preparation:	7470A	Prep Batch: 510-33336	Lab File ID:	N/A
Dilution:	2.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/15/2008 1517		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2008 0940			

Analyte	Result (mg/L)	Qualifier	RL
Mercury	<0.00040		0.00040

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WLO2 - 050908**

Lab Sample ID: 510-26790-3
Client Matrix: Water

Date Sampled: 05/09/2008 1550
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33176		Instrument ID:	TJETraceB
Preparation:	3010A	Prep Batch: 510-33100		Lab File ID:	1150861
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	05/12/2008 2346			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2128				

Analyte	Result (mg/L)	Qualifier	RL
Aluminum	<0.50		0.50
Antimony	<0.15		0.15
Arsenic	<0.030		0.030
Barium	0.025		0.010
Cadmium	<0.010		0.010
Manganese	0.24		0.020
Calcium	14		1.0
Chromium	0.034		0.010
Cobalt	0.024		0.020
Copper	<0.050		0.050
Iron	34		0.50
Lead	<0.050		0.050
Nickel	0.15		0.010
Selenium	<0.020		0.020
Silver	<0.040		0.040
Thallium	<0.090		0.090
Vanadium	<0.020		0.020

Method:	6010B	Analysis Batch: 510-33252		Instrument ID:	TJETraceC
Preparation:	3010A	Prep Batch: 510-33100		Lab File ID:	41261C
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	05/13/2008 1754			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2128				

Analyte	Result (mg/L)	Qualifier	RL
Beryllium	<0.0050		0.0050
Magnesium	0.54		0.50
Potassium	<1.0		1.0
Sodium	3.3		1.5
Zinc	0.24		0.050

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WLO2 - 050908**

Lab Sample ID:	510-26790-3	Date Sampled:	05/09/2008 1550
Client Matrix:	Water	Date Received:	05/09/2008 1811

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 510-33355	Instrument ID:	Leeman Hydra AA
Preparation:	7470A	Prep Batch: 510-33336	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/15/2008 1316		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2008 0940			

Analyte	Result (mg/L)	Qualifier	RL
Mercury	<0.00020		0.00020

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WLO3 - 050908**

Lab Sample ID: 510-26790-4
Client Matrix: Waste

Date Sampled: 05/09/2008 1555
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33293	Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	1150861
Dilution:	1.0		Initial Weight/Volume:	1.0352 g
Date Analyzed:	05/14/2008 1534		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Aluminum		<24		24

Method:	6010B	Analysis Batch: 510-33234	Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	1150861
Dilution:	2.0		Initial Weight/Volume:	1.0352 g
Date Analyzed:	05/13/2008 1556		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		<14		14
Arsenic		<2.9		2.9
Barium		<9.7		9.7
Beryllium		<0.48		0.48
Cadmium		<9.7		9.7
Chromium		<0.97		0.97
Cobalt		<1.9		1.9
Copper		<4.8		4.8
Lead		<4.8		4.8
Magnesium		<48		48
Manganese		4.5		1.9
Nickel		3.0		0.97
Selenium		<1.9		1.9
Silver		<3.9		3.9
Thallium		<8.7		8.7
Vanadium		<1.9		1.9
Zinc		<4.8		4.8

Method:	6010B	Analysis Batch: 510-33252	Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	41261C
Dilution:	2.0		Initial Weight/Volume:	1.0352 g
Date Analyzed:	05/13/2008 1618		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Calcium		150		97
Iron		51		4.8
Potassium		<97		97
Sodium		13000		140

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WLO3 - 050908**

Lab Sample ID:	510-26790-4	Date Sampled:	05/09/2008 1555
Client Matrix:	Waste	Date Received:	05/09/2008 1811

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 510-33202	Instrument ID:	Leeman Hydra AA
Preparation:	7471A	Prep Batch: 510-33091	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.5189 g
Date Analyzed:	05/10/2008 2026		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 1544			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		<0.019		0.019

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WSO1 - 050908**

Lab Sample ID: 510-26790-5
Client Matrix: Waste

Date Sampled: 05/09/2008 1602
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33234		Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	1150861
Dilution:	2.0			Initial Weight/Volume:	1.0913 g
Date Analyzed:	05/13/2008 1601			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		<14		14
Arsenic		2.8		2.7
Beryllium		1.4		0.46
Cadmium		<9.2		9.2
Chromium		86		0.92
Cobalt		2100		1.8
Copper		520		4.6
Lead		<4.6		4.6
Magnesium		520		46
Nickel		790		0.92
Selenium		<1.8		1.8
Silver		200		3.7
Thallium		<8.2		8.2
Vanadium		30		1.8
Zinc		79		4.6

Method:	6010B	Analysis Batch: 510-33252		Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	41261C
Dilution:	2.0			Initial Weight/Volume:	1.0913 g
Date Analyzed:	05/13/2008 1624			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Barium		1500		9.2
Calcium		3300		92
Iron		710		4.6
Manganese		2100		1.8
Potassium		1100		92

Method:	6010B	Analysis Batch: 510-33293		Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	1150861
Dilution:	20			Initial Weight/Volume:	1.0913 g
Date Analyzed:	05/14/2008 1538			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Aluminum		7700		460

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WSO1 - 050908**

Lab Sample ID: 510-26790-5
Client Matrix: Waste

Date Sampled: 05/09/2008 1602
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33330	Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	41261C
Dilution:	20		Initial Weight/Volume:	1.0913 g
Date Analyzed:	05/14/2008 2010		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Sodium		80000		1400

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 510-33202	Instrument ID:	Leeman Hydra AA
Preparation:	7471A	Prep Batch: 510-33091	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.5320 g
Date Analyzed:	05/10/2008 2028		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 1544			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		<0.019		0.019

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - SO1 - 050908**

Lab Sample ID: 510-26790-6
Client Matrix: Waste

Date Sampled: 05/09/2008 1617
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33234		Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	1150861
Dilution:	2.0			Initial Weight/Volume:	1.0968 g
Date Analyzed:	05/13/2008 1606			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		18		14
Arsenic		5.1		2.7
Barium		630		9.1
Beryllium		<0.46		0.46
Cadmium		<9.1		9.1
Chromium		26		0.91
Cobalt		1500		1.8
Copper		2100		4.6
Lead		21		4.6
Magnesium		1000		46
Selenium		6.5		1.8
Silver		15		3.6
Thallium		<8.2		8.2
Vanadium		16		1.8

Method:	6010B	Analysis Batch: 510-33252		Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	41261C
Dilution:	2.0			Initial Weight/Volume:	1.0968 g
Date Analyzed:	05/13/2008 1629			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Calcium		19000		91
Iron		4000		4.6
Manganese		2200		1.8
Potassium		13000		91

Method:	6010B	Analysis Batch: 510-33276		Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	41261C
Dilution:	100			Initial Weight/Volume:	1.0968 g
Date Analyzed:	05/14/2008 1216			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Nickel		4100		46
Zinc		5200		230

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - SO1 - 050908**

Lab Sample ID:	510-26790-6	Date Sampled:	05/09/2008 1617
Client Matrix:	Waste	Date Received:	05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33293	Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	1150861
Dilution:	100		Initial Weight/Volume:	1.0968 g
Date Analyzed:	05/14/2008 1543		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Aluminum		6600		2300

Method:	6010B	Analysis Batch: 510-33330	Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	41261C
Dilution:	100		Initial Weight/Volume:	1.0968 g
Date Analyzed:	05/14/2008 2016		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Sodium		48000		6800

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 510-33202	Instrument ID:	Leeman Hydra AA
Preparation:	7471A	Prep Batch: 510-33091	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.5382 g
Date Analyzed:	05/10/2008 2030		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 1544			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		<0.019		0.019

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - SO2 - 050908**

Lab Sample ID: 510-26790-7
Client Matrix: Waste

Date Sampled: 05/09/2008 1620
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33234		Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	1150861
Dilution:	2.0			Initial Weight/Volume:	1.0043 g
Date Analyzed:	05/13/2008 1538			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		39		15
Barium		590		10
Beryllium		0.95		0.50
Cadmium		<10		10
Chromium		58		1.0
Cobalt		760		2.0
Copper		2500		5.0
Lead		76		5.0
Magnesium		3300		50
Manganese		1000		2.0
Nickel		1900		1.0
Selenium		51		2.0
Silver		12		4.0
Vanadium		72		2.0
Zinc		1300		5.0

Method:	6010B	Analysis Batch: 510-33252		Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	41261C
Dilution:	2.0			Initial Weight/Volume:	1.0043 g
Date Analyzed:	05/13/2008 1556			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		68		3.0
Potassium		10000		100

Method:	6010B	Analysis Batch: 510-33276		Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	41261C
Dilution:	10			Initial Weight/Volume:	1.0043 g
Date Analyzed:	05/14/2008 1140			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Calcium		57000		500
Iron		72000		25
Thallium		<45		45

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - SO2 - 050908**

Lab Sample ID: 510-26790-7
Client Matrix: Waste

Date Sampled: 05/09/2008 1620
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33293	Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	1150861
Dilution:	10		Initial Weight/Volume:	1.0043 g
Date Analyzed:	05/14/2008 1515		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Aluminum		11000		250

Method:	6010B	Analysis Batch: 510-33330	Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	41261C
Dilution:	10		Initial Weight/Volume:	1.0043 g
Date Analyzed:	05/14/2008 1948		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Sodium		21000		750

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 510-33202	Instrument ID:	Leeman Hydra AA
Preparation:	7471A	Prep Batch: 510-33091	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.5702 g
Date Analyzed:	05/10/2008 2033		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 1544			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		0.39		0.018

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - SO3 - 050908**

Lab Sample ID: 510-26790-8
Client Matrix: Waste

Date Sampled: 05/09/2008 1630
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33234		Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	1150861
Dilution:	2.0			Initial Weight/Volume:	1.0373 g
Date Analyzed:	05/13/2008 1611			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		<14		14
Arsenic		7.9		2.9
Barium		980		9.6
Beryllium		2.5		0.48
Cadmium		<9.6		9.6
Chromium		40		0.96
Cobalt		13		1.9
Copper		34		4.8
Lead		<4.8		4.8
Magnesium		4900		48
Manganese		170		1.9
Nickel		37		0.96
Silver		<3.9		3.9
Thallium		<8.7		8.7
Vanadium		69		1.9
Zinc		27		4.8

Method:	6010B	Analysis Batch: 510-33252		Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	41261C
Dilution:	2.0			Initial Weight/Volume:	1.0373 g
Date Analyzed:	05/13/2008 1635			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Iron		40000		4.8
Potassium		2800		96
Selenium		<1.9		1.9
Sodium		2300		140

Method:	6010B	Analysis Batch: 510-33276		Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	41261C
Dilution:	100			Initial Weight/Volume:	1.0373 g
Date Analyzed:	05/14/2008 1222			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Calcium		39000		4800

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - SO3 - 050908**

Lab Sample ID:	510-26790-8	Date Sampled:	05/09/2008 1630
Client Matrix:	Waste	Date Received:	05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33293	Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102	Lab File ID:	1150861
Dilution:	100		Initial Weight/Volume:	1.0373 g
Date Analyzed:	05/14/2008 1548		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Aluminum		39000		2400

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 510-33202	Instrument ID:	Leeman Hydra AA
Preparation:	7471A	Prep Batch: 510-33091	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.5054 g
Date Analyzed:	05/10/2008 2036		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 1544			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		0.12		0.020

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WL04 - 050908**

Lab Sample ID: 510-26790-9
Client Matrix: Waste

Date Sampled: 05/09/2008 1607
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33293		Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	1150861
Dilution:	1.0			Initial Weight/Volume:	1.0079 g
Date Analyzed:	05/14/2008 1605			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Aluminum		<25		25

Method:	6010B	Analysis Batch: 510-33234		Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	1150861
Dilution:	2.0			Initial Weight/Volume:	1.0079 g
Date Analyzed:	05/13/2008 1625			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		<15		15
Arsenic		<3.0		3.0
Barium		<9.9		9.9
Beryllium		<0.50		0.50
Cadmium		<9.9		9.9
Chromium		<0.99		0.99
Cobalt		<2.0		2.0
Copper		<5.0		5.0
Lead		<5.0		5.0
Manganese		3.8		2.0
Nickel		<0.99		0.99
Selenium		<2.0		2.0
Silver		<4.0		4.0
Thallium		<8.9		8.9
Vanadium		<2.0		2.0
Zinc		<5.0		5.0

Method:	6010B	Analysis Batch: 510-33252		Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33102		Lab File ID:	41261C
Dilution:	2.0			Initial Weight/Volume:	1.0079 g
Date Analyzed:	05/13/2008 1652			Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 2137				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Calcium		<99		99
Iron		28		5.0
Magnesium		<50		50
Potassium		<99		99
Sodium		<150		150

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WL04 - 050908**

Lab Sample ID:	510-26790-9	Date Sampled:	05/09/2008 1607
Client Matrix:	Waste	Date Received:	05/09/2008 1811

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 510-33202	Instrument ID:	Leeman Hydra AA
Preparation:	7471A	Prep Batch: 510-33091	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.5362 g
Date Analyzed:	05/10/2008 2042		Final Weight/Volume:	50 mL
Date Prepared:	05/10/2008 1544			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		<0.019		0.019

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

Client Sample ID: **VS - WP01 - 050908**

Lab Sample ID: 510-26790-10
Client Matrix: Wipe

Date Sampled: 05/09/2008 1610
Date Received: 05/09/2008 1811

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 510-33353	Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33317	Lab File ID:	41261C
Dilution:	2.0		Initial Weight/Volume:	1 Wipe
Date Analyzed:	05/15/2008 1245		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2008 0910			

Analyte	Result (mg/wipe)	Qualifier	RL
Antimony	<0.030		0.030
Arsenic	<0.0060		0.0060
Barium	0.075		0.0020
Beryllium	<0.0010		0.0010
Cadmium	<0.0020		0.0020
Manganese	0.14		0.0040
Calcium	1.4		0.20
Chromium	0.013		0.0020
Cobalt	0.068		0.0040
Copper	0.090		0.010
Iron	12		0.10
Lead	0.046		0.010
Magnesium	0.15		0.10
Nickel	0.15		0.0020
Selenium	<0.0040		0.0040
Silver	<0.0080		0.0080
Thallium	<0.018		0.018
Vanadium	<0.0040		0.0040
Zinc	0.13		0.010

Method:	6010B	Analysis Batch: 510-33360	Instrument ID:	TJETraceB
Preparation:	3050B	Prep Batch: 510-33317	Lab File ID:	1150861
Dilution:	2.0		Initial Weight/Volume:	1 Wipe
Date Analyzed:	05/15/2008 1307		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2008 0910			

Analyte	Result (mg/wipe)	Qualifier	RL
Aluminum	0.42		0.10

Method:	6010B	Analysis Batch: 510-33371	Instrument ID:	TJETraceC
Preparation:	3050B	Prep Batch: 510-33317	Lab File ID:	41261C
Dilution:	2.0		Initial Weight/Volume:	1 Wipe
Date Analyzed:	05/15/2008 1621		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2008 0910			

Analyte	Result (mg/wipe)	Qualifier	RL
Potassium	1.5		0.20
Sodium	2.3		0.30

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

General Chemistry

Client Sample ID: **VS - WLO1 - 050908**

Lab Sample ID: 510-26790-1
Client Matrix: Water

Date Sampled: 05/09/2008 1543
Date Received: 05/09/2008 1811

Analyte	Result	Qual	Units	RL	Dil	Method
pH	12.7		SU	0.0100	1.0	9040B
	Anly Batch: 510-33228		Date Analyzed 05/13/2008 1642			

Client Sample ID: **VS - WLO1 - 050908 DP**

Lab Sample ID: 510-26790-2
Client Matrix: Water

Date Sampled: 05/09/2008 1543
Date Received: 05/09/2008 1811

Analyte	Result	Qual	Units	RL	Dil	Method
pH	12.8		SU	0.0100	1.0	9040B
	Anly Batch: 510-33228		Date Analyzed 05/13/2008 1642			

Client Sample ID: **VS - WLO2 - 050908**

Lab Sample ID: 510-26790-3
Client Matrix: Water

Date Sampled: 05/09/2008 1550
Date Received: 05/09/2008 1811

Analyte	Result	Qual	Units	RL	Dil	Method
Cyanide, Total	<0.0050		mg/L	0.0050	1.0	SM 4500 CN E
	Anly Batch: 510-33229		Date Analyzed 05/13/2008 1536			
	Prep Batch: 510-33196		Date Prepared: 05/13/2008 1135			

Analyte	Result	Qual	Units	RL	Dil	Method
pH	1.72		SU	0.0100	1.0	9040B
	Anly Batch: 510-33228		Date Analyzed 05/13/2008 1642			

Client Sample ID: **VS - WSO1 - 050908**

Lab Sample ID: 510-26790-5
Client Matrix: Waste

Date Sampled: 05/09/2008 1602
Date Received: 05/09/2008 1811

Analyte	Result	Qual	Units	RL	Dil	Method
pH	10.1		SU	0.0100	1.0	9045C
	Anly Batch: 510-33262		Date Analyzed 05/14/2008 1052			DryWt Corrected: N

RAW UNVALIDATED DATA

Analytical Data

Client: Dynamac

Job Number: 510-26790-1
Sdg Number: 20405.016.001.0442.00

General Chemistry

Client Sample ID: **VS - SO1 - 050908**

Lab Sample ID: 510-26790-6
Client Matrix: Waste

Date Sampled: 05/09/2008 1617
Date Received: 05/09/2008 1811

Analyte	Result	Qual	Units	RL	Dil	Method
pH	9.29		SU	0.0100	1.0	9045C
	Anly Batch: 510-33262		Date Analyzed 05/14/2008 1052			DryWt Corrected: N

Client Sample ID: **VS - SO2 - 050908**

Lab Sample ID: 510-26790-7
Client Matrix: Waste

Date Sampled: 05/09/2008 1620
Date Received: 05/09/2008 1811

Analyte	Result	Qual	Units	RL	Dil	Method
Cyanide, Total	0.27		mg/Kg	0.25	1.0	9012A
	Anly Batch: 510-33229		Date Analyzed 05/13/2008 1546			DryWt Corrected: N
	Prep Batch: 510-33201		Date Prepared: 05/13/2008 1135			

Analyte	Result	Qual	Units	RL	Dil	Method
pH	6.10		SU	0.0100	1.0	9045C
	Anly Batch: 510-33262		Date Analyzed 05/14/2008 1052			DryWt Corrected: N

RAW UNVALIDATED DATA